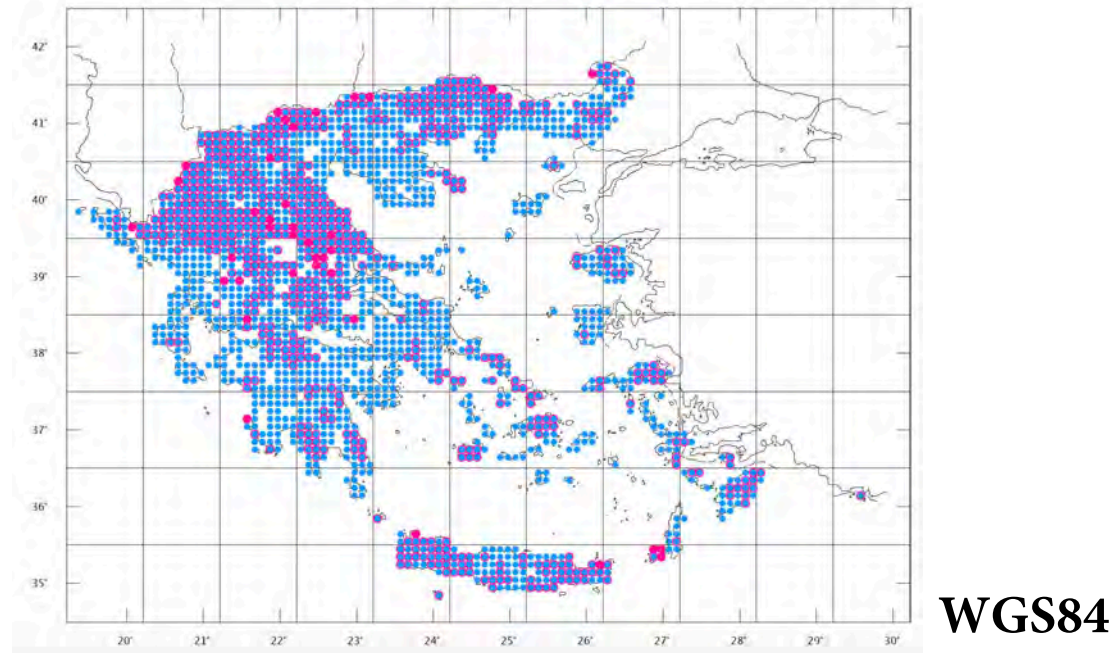


# ΟΙ ΠΕΤΑΛΟΥΔΕΣ ΤΗΣ ΕΛΛΑΔΑΣ

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



# 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

**2023**

# 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 461253 καταγραφές για τις πεταλούδες της Ελλάδας (που συγκεντρώθηκαν μέχρι 31 XII 2022) και συνολικά 1710 τοποθεσίες 6'X6', που έχουν εξερευνηθεί, από τις συνολικά 2059 τοποθεσίες 6'X6' για όλη την επικράτεια, δηλαδή καλύπτοντας το 83.05 % 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 2008-2023) 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 3952 μέλη την 7 XI 2022) 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> και το Zhang et al (2020) στο <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8018707/>

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 2023

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 461253 records for the butterflies of Greece (till 31 XII 2021) for a total number of 1710 investigated localities 6'X6; this is the 83.05 % 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 2008-2023) 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 3952 members at 7 XII 2022) 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> and Zhang et al in [https:// www.ncbi.nlm.nih.gov/pmc/articles/PMC8018707/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8018707/)

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 2023

Lazaros N. Pamperis

**SELECTED SITES FROM WHICH DATA FOR THE BUTTERFLIES OF GREECE WERE OBTAINED  
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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/>

**BUTTERFLIES of Crete** <https://butterfliesofcrete.com>

**και and**

**ΠΡΟΣΩΠΙΚΕΣ ΕΠΙΚΟΙΝΩΝΕΙΕΣ PERSONAL COMMUNICATIONS**

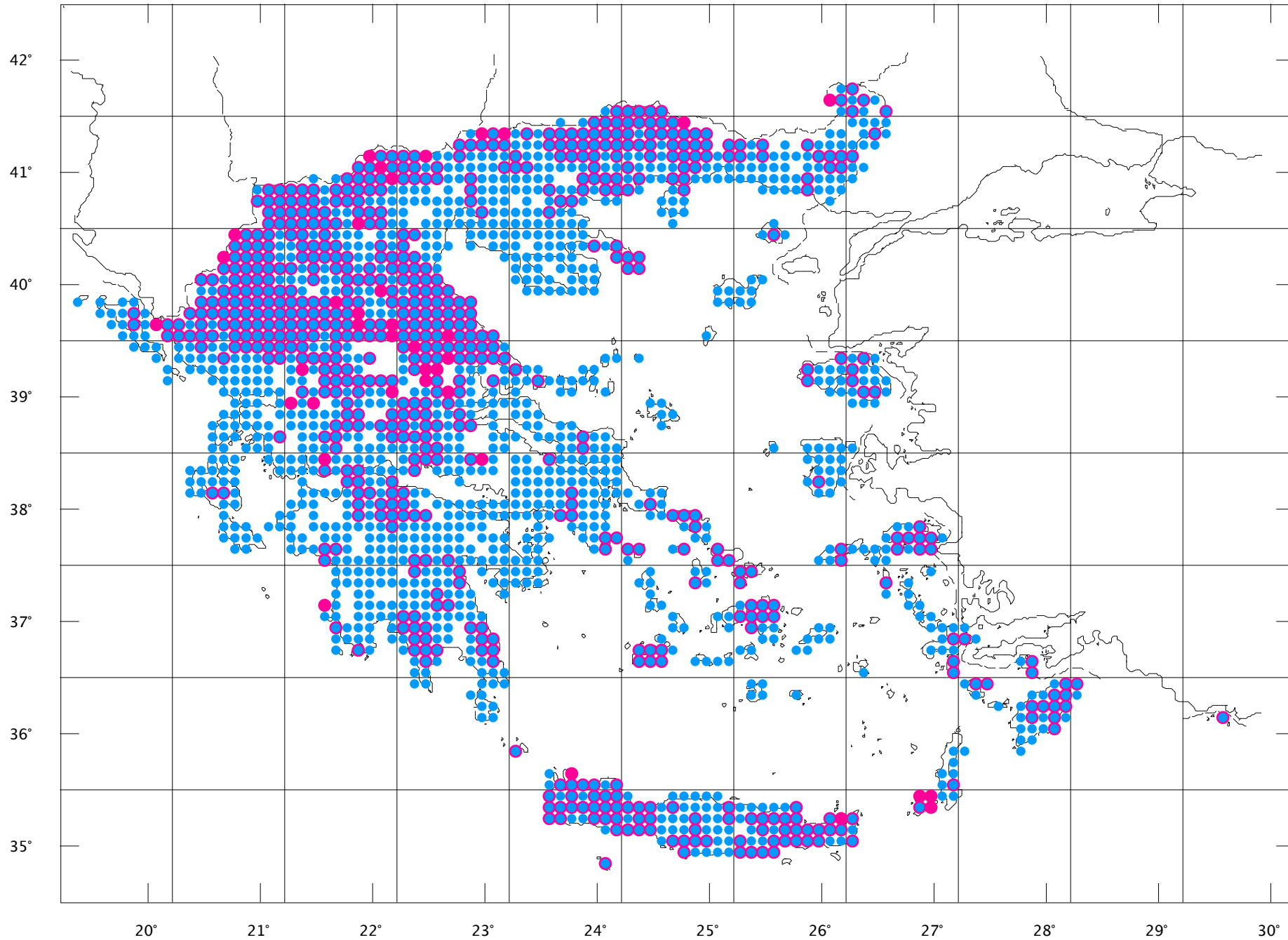
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ΤΖΩΡΤΖΑΚΑΚΗ ΟΛΓΑ  
ΤΣΕΛΟΣ ΗΛΙΑΣ  
ΤΣΙΡΙΔΗΣ ΑΛΕΞΑΝΔΡΟΣ  
ΤΣΙΦΛΑΚΗΣ ΕΛΕΥΘΕΡΙΟΣ  
ΤΣΟΥΚΛΕΙΔΗΣ ΓΕΩΡΓΙΟΣ  
ΦΑΚΑΣ ΓΕΩΡΓΙΟΣ  
ΦΑΤΣΕΑ ΣΤΑΥΡΟΥΛΑ  
ΧΑΛΚΙΑΔΑΚΗΣ ΠΕΤΡΟΣ  
ΧΑΛΚΙΑΣ ΒΑΣΙΛΗΣ  
ΧΑΤΖΗΑΘΑΝΑΣΙΟΥ ΓΙΑΝΝΗΣ  
ΧΑΤΖΗΔΑΚΗΣ ΠΑΝΑΓΙΩΤΗΣ Ι  
ΧΡΙΣΤΟΠΟΥΛΟΥ ΜΑΙΡΗ  
ΧΡΙΣΤΟΦΙΔΗΣ ΓΙΑΝΝΗΣ  
ΨΑΛΛΙΔΑΣ ΒΑΣΙΛΗΣ  
ALBRECHT MARTIN  
BAUDRAZ MICHEL  
BEAUSKOMP PETER C  
BERRY MATT  
BESHKON STOYAN  
BONETTI ANDREA  
BOWERS JOHN K  
BOZANO GIAN  
BROWN JOHN  
BURRETT PETER  
BYGATE PETER  
CARPENTER ALAN  
CHAULIAC ANDRE  
COBB CHRIS  
COUPE J.  
COURCY WILLIAMS MICHAEL  
COWAN PAUL  
CREPIN M.P  
CUVELIER SYLVAIN  
DAHL MAGNUS  
DARCÉMONT CHRISTIAN  
DIJON CATHERINE  
DINCĂ VLAD  
DOWDING JULIAN

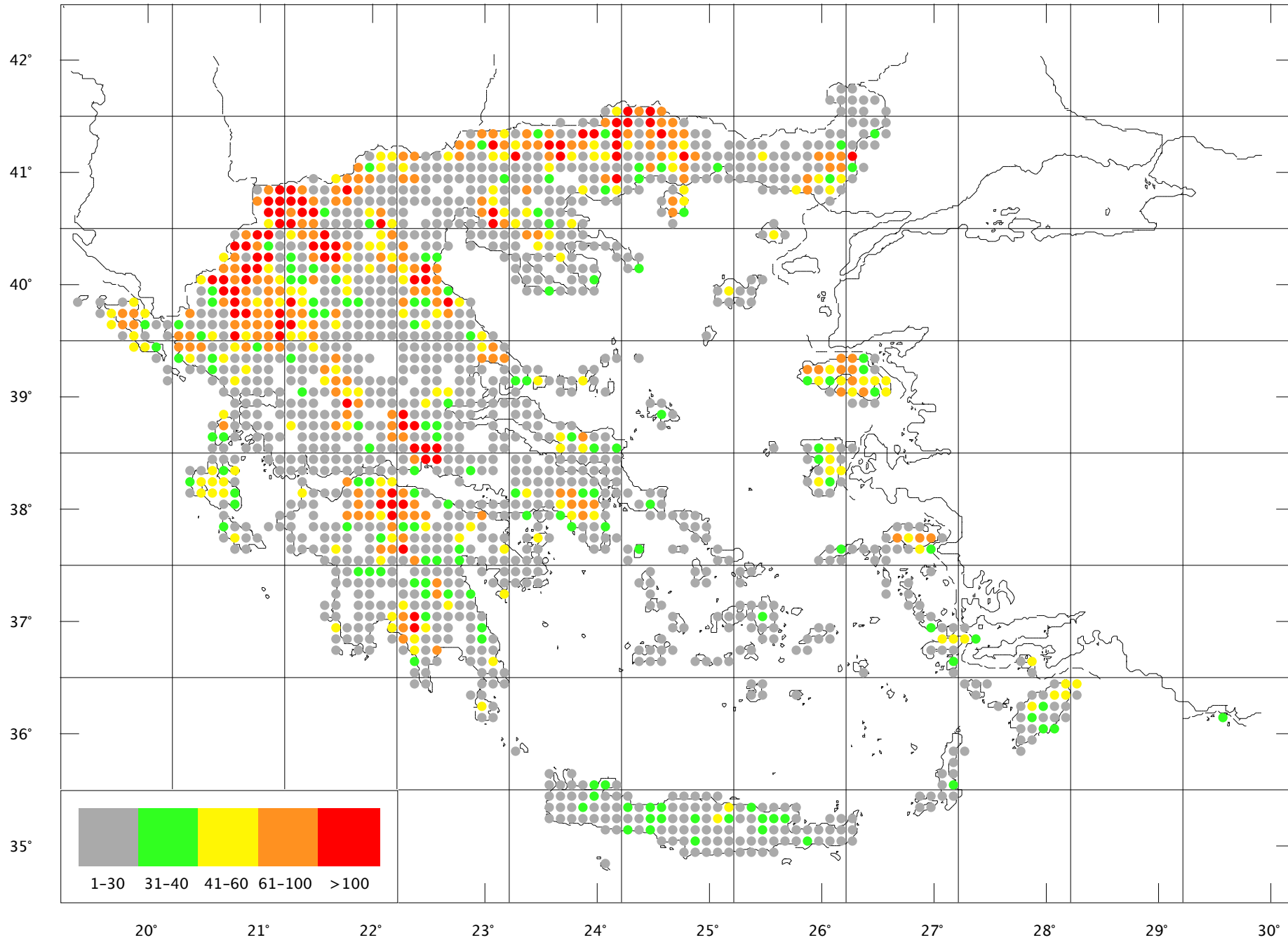
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DURDIN CHRIS  
EDDIE JOHN  
EDMUNDS HENRY. A  
ELLIS SAM  
FENN PATRICIA  
FOLEY MICHAEL  
FOWLES ANDRIAN P.  
FOX KIM  
FOX RITCHARD  
FULLER MICHAEL  
GATTI FRANCESCO  
GIBSON CHRIS  
GODDARD DAVID  
GOETHALS VALERIE  
GREATOREX-DAVIES NICK  
GUILFOYLE 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  
MAIER MARIO  
MAJER JINDRICH  
MANDZIEJEWICZ R.  
MANN JOHN  
MASON STEPHEN A  
MAUNDER MIKE  
MAZZEI PAOLO  
MEREDITH GUY  
MOORE DAVID  
MURPHEY CHRIS  
MOLGAARD MORTEN S  
NABBE MARINA  
NORBERT ULMAN  
OISTEIN BERG  
PALMI PAOLO  
PEACE NIGEL  
PERKINS ROGER  
PETTERSSON LARS  
PLOWMAN FRANCIS  
PLOWMANE 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  
SEEPMA HERRE  
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 2023)  
Investigated  
localities  
for all species

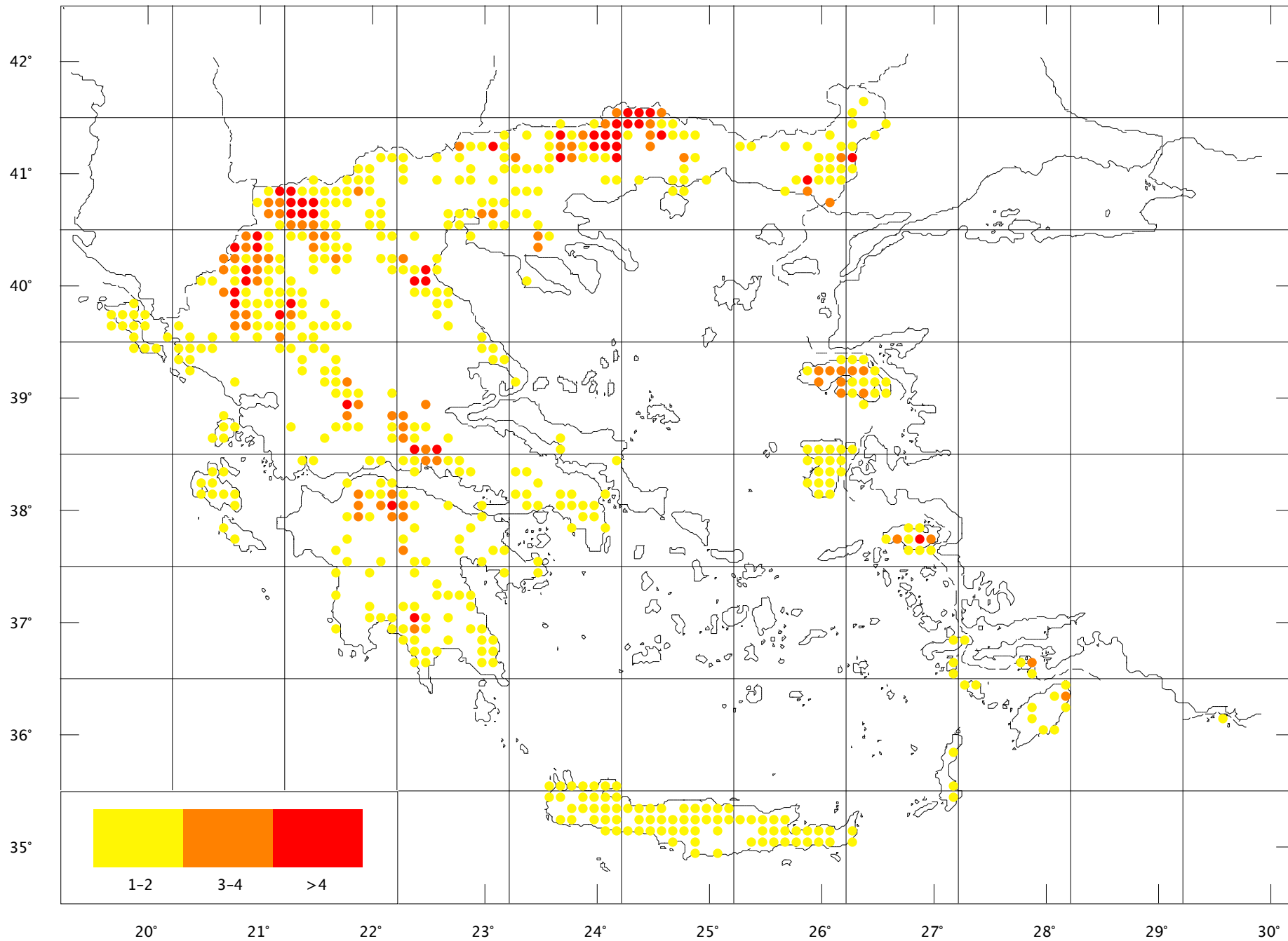
**Χάρτης 3.4**  
(επικαιροποίηση  
2023)  
Οι εξερευνηθείσες  
τοποθεσίες για  
όλα τα είδη



**Chart 4.15**  
 (update 2023) Total  
 number of species for  
 all 1710 localities 6'X6'

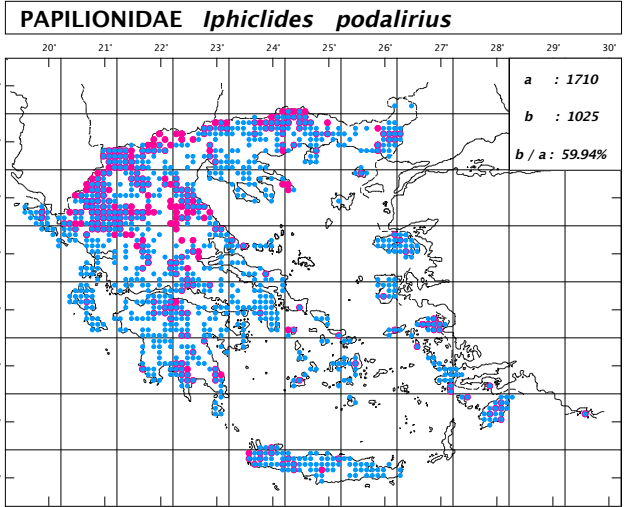
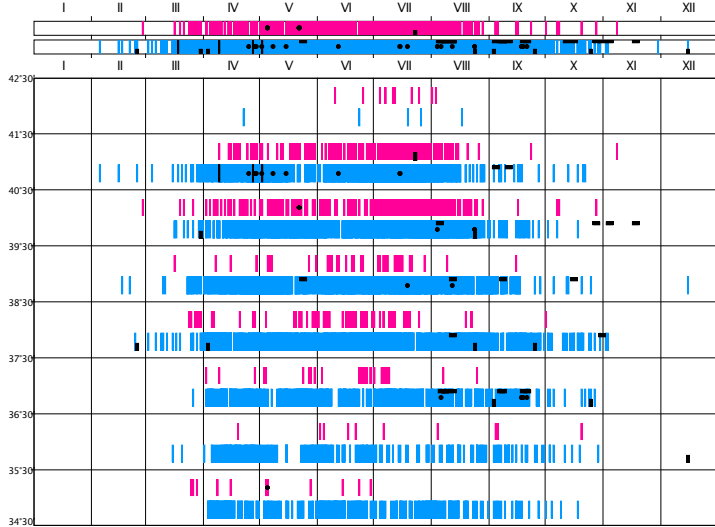
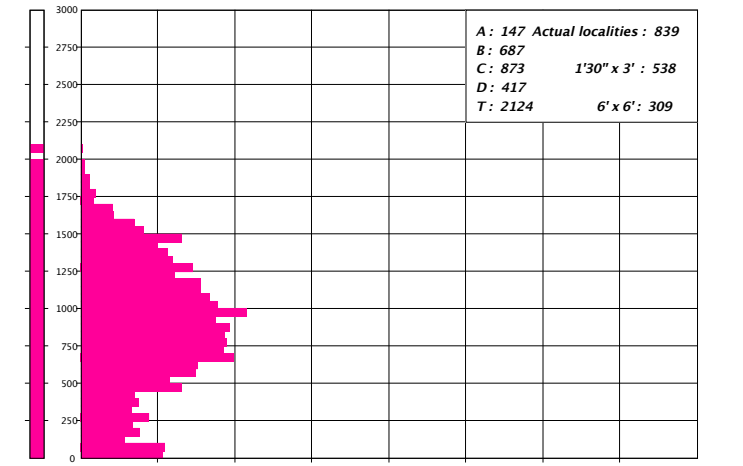
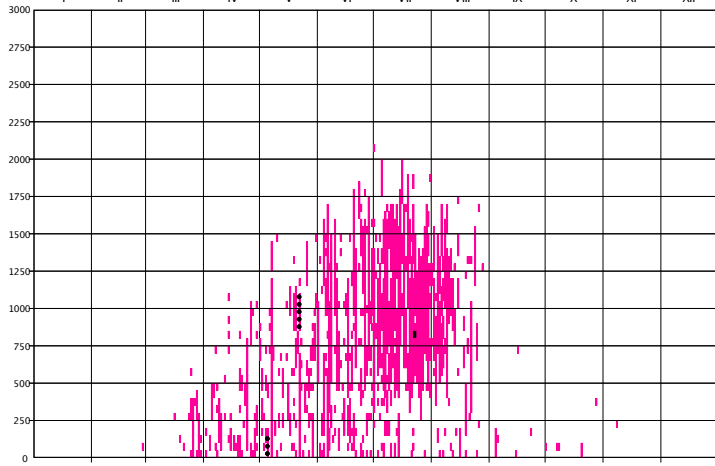
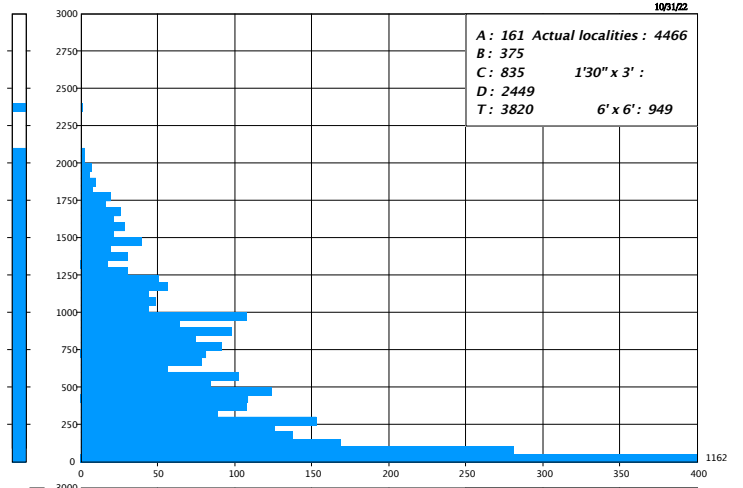
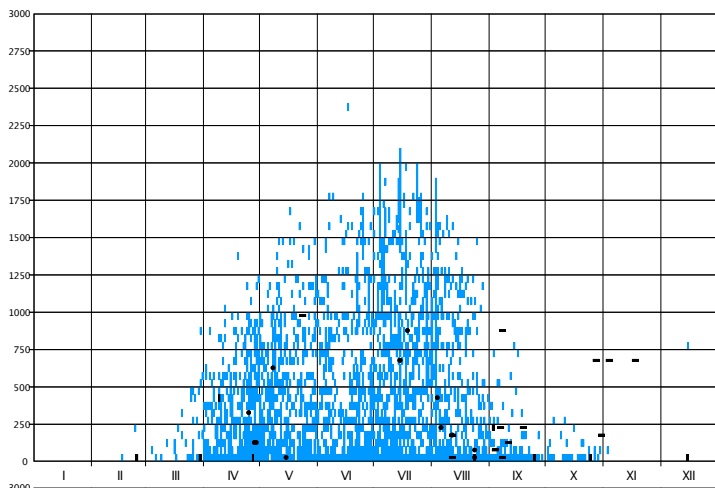
**Χάρτης 4.15**  
 (επικαιροποίηση  
 2023)  
 Συνολικός αριθμός  
 των ειδών για όλες  
 τις 1710 τοποθεσίες  
 6'X6'

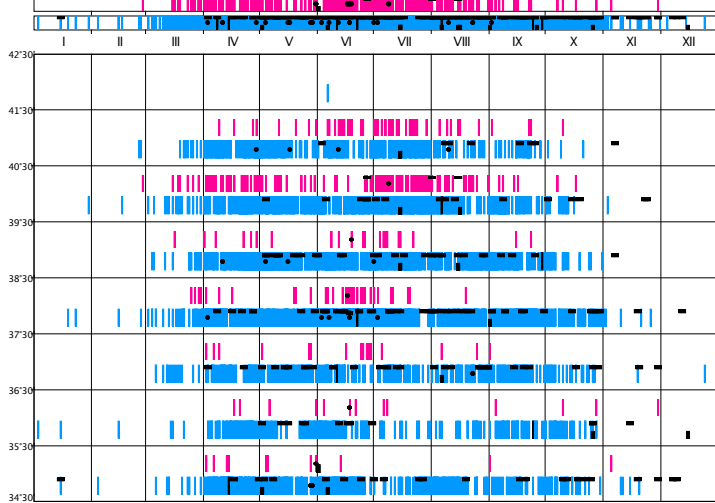
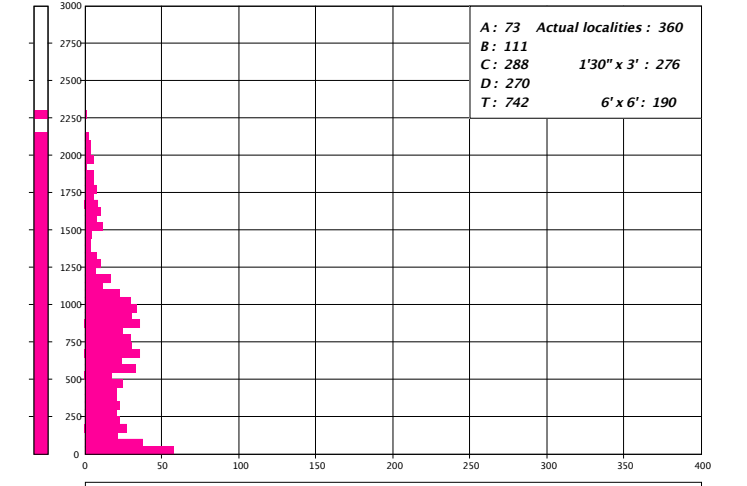
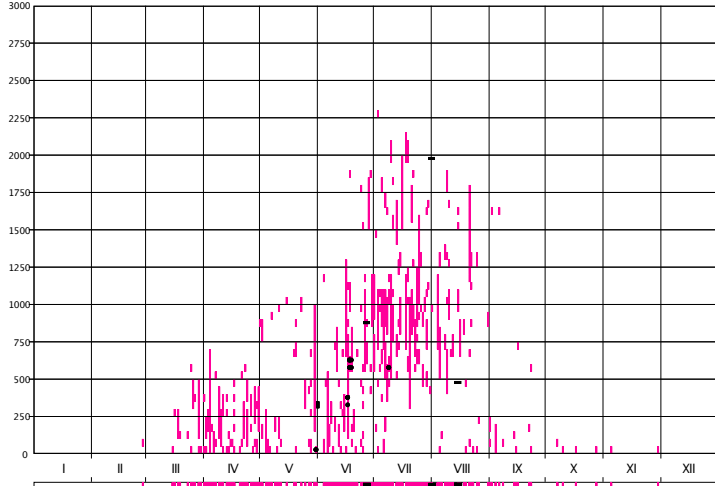
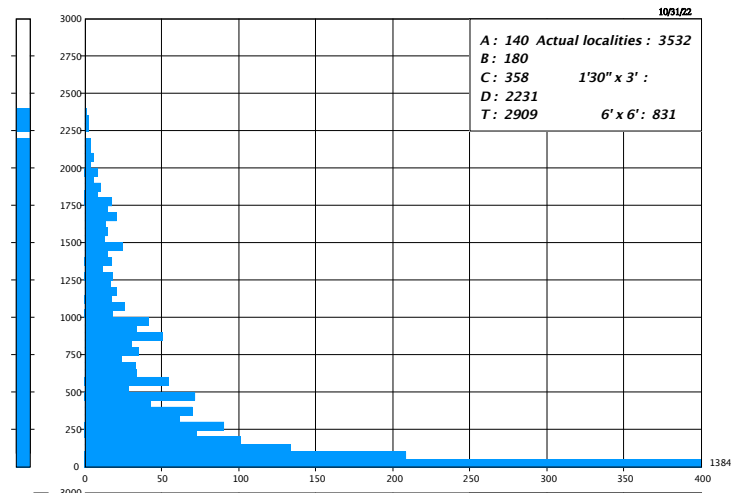
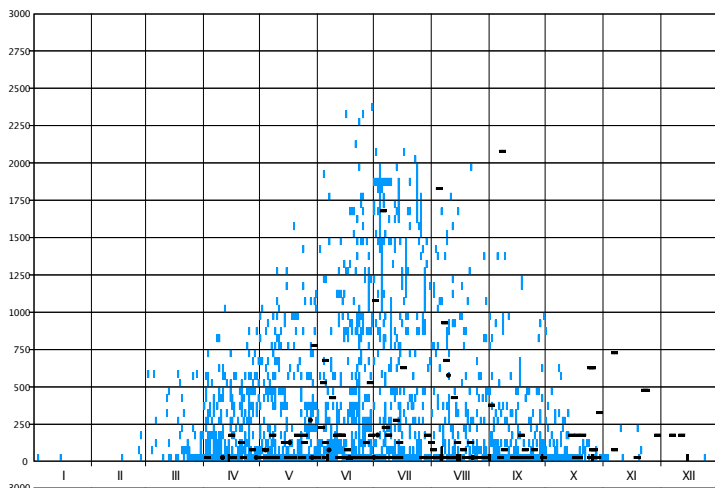




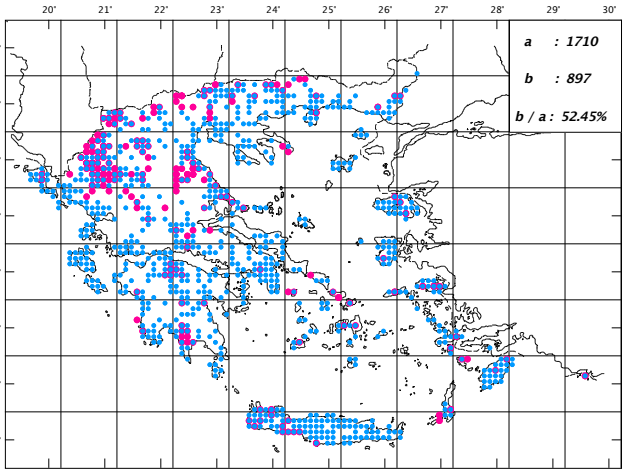
**Chart 4.16**  
 (update 2023)  
 Important butterfly  
 areas in Greece

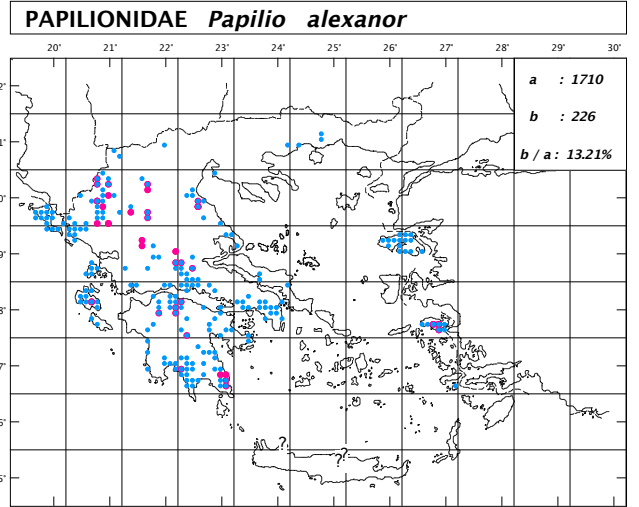
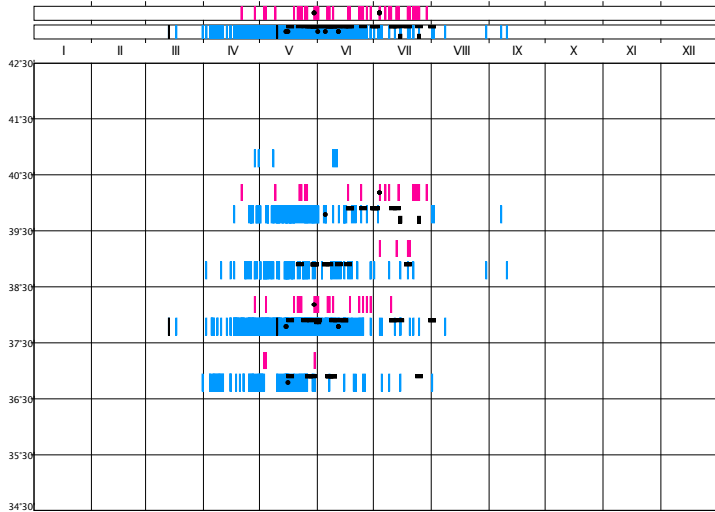
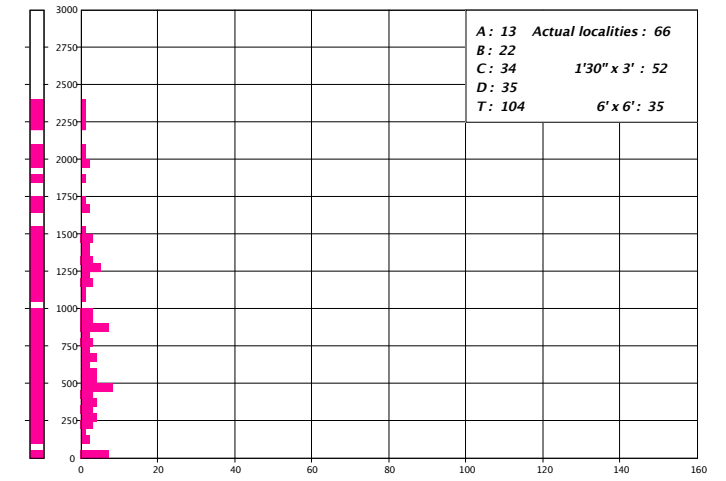
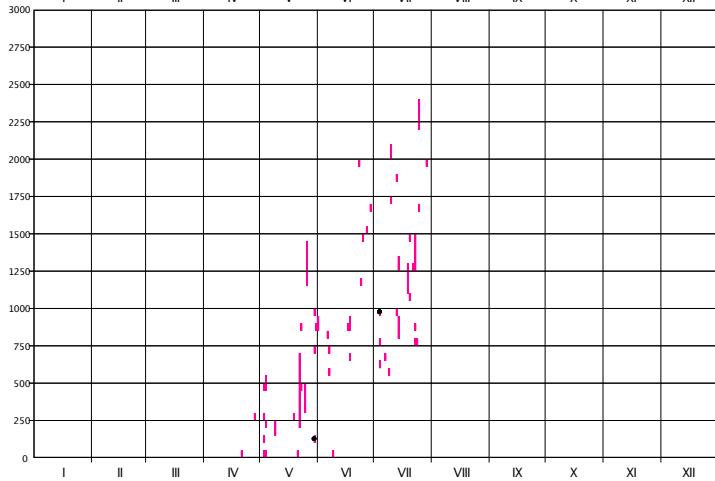
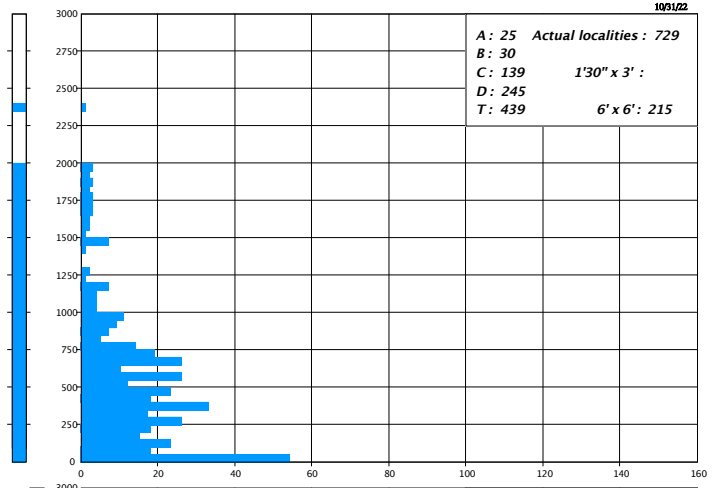
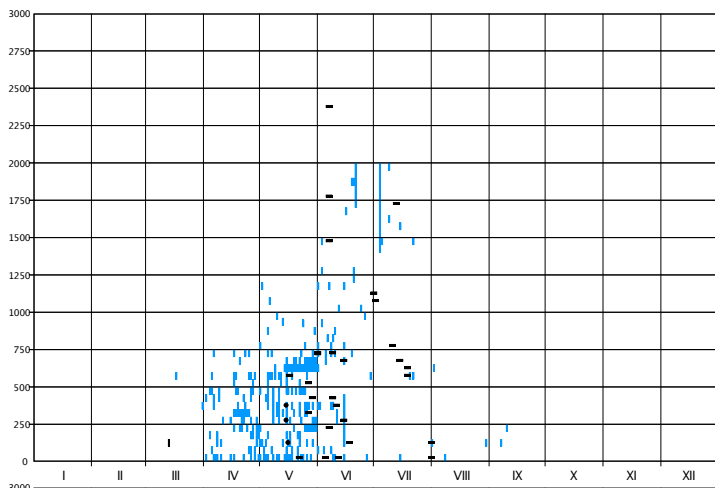
**Χάρτης 4.16**  
 (επικαιροποίηση  
 2023) Σημαντικές  
 περιοχές για τις  
 πεταλούδες της  
 Ελλάδας

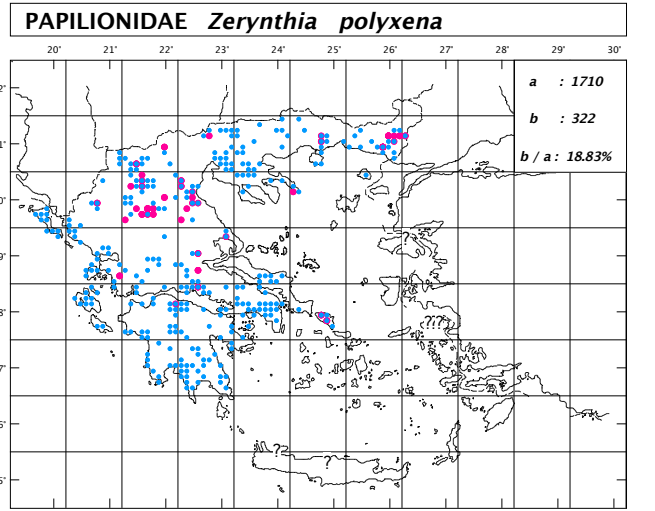
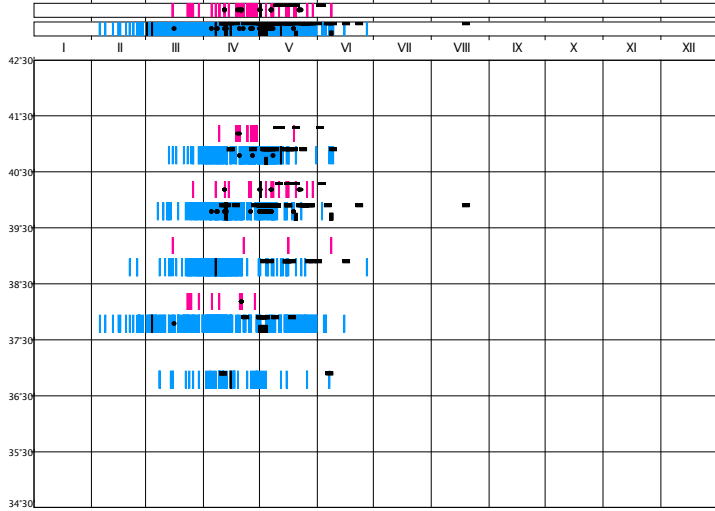
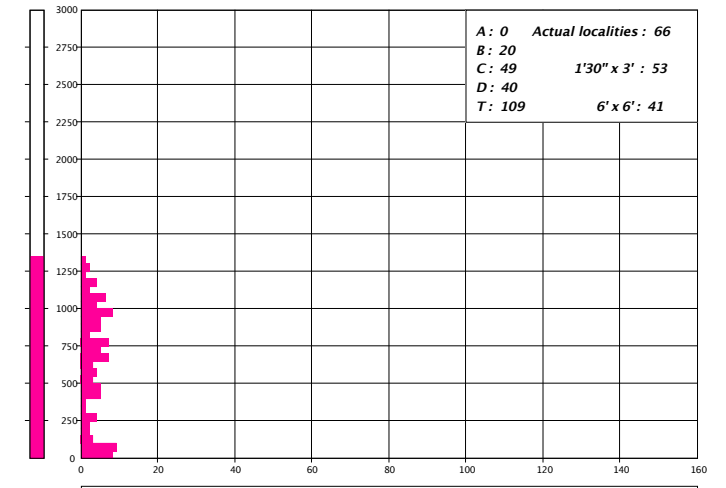
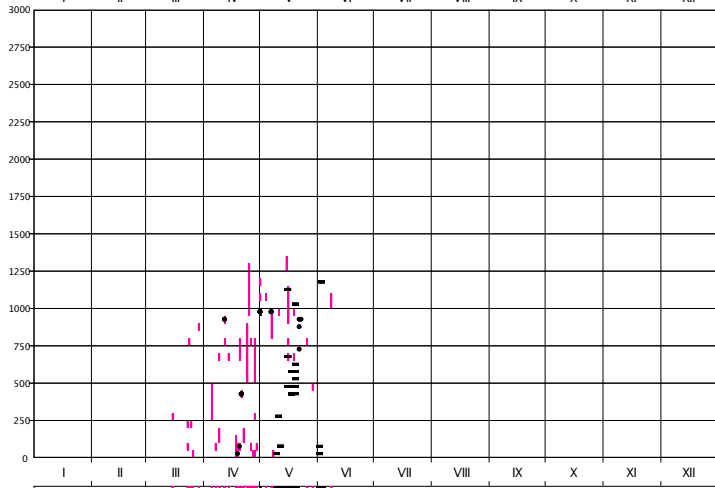
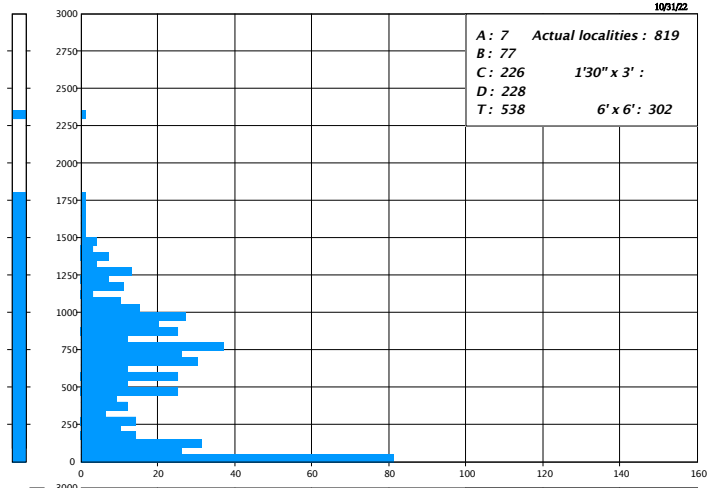
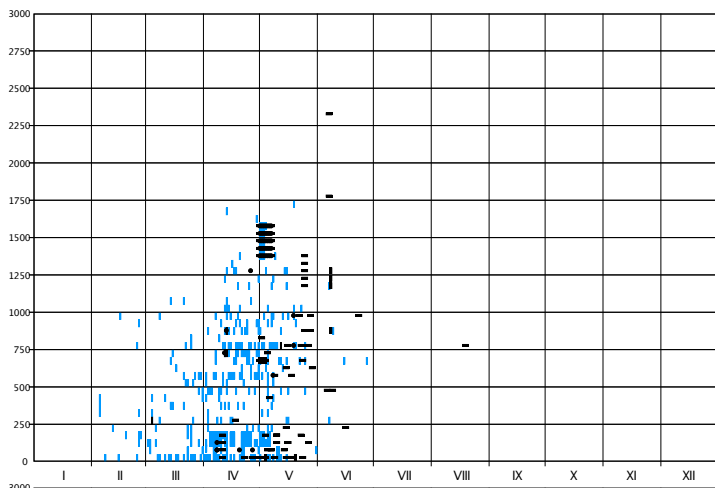


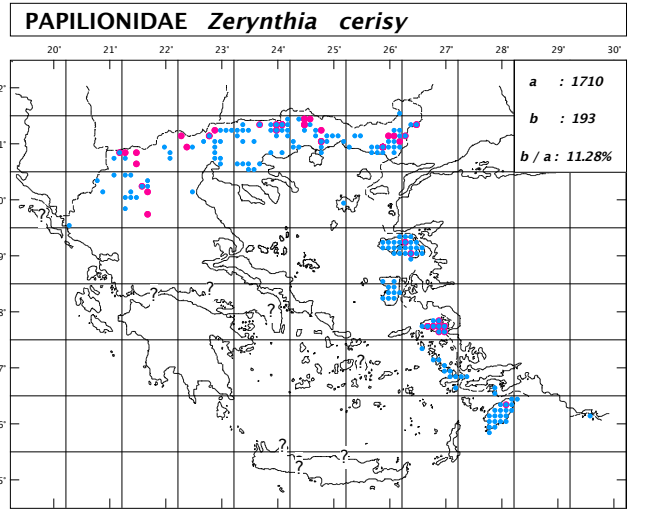
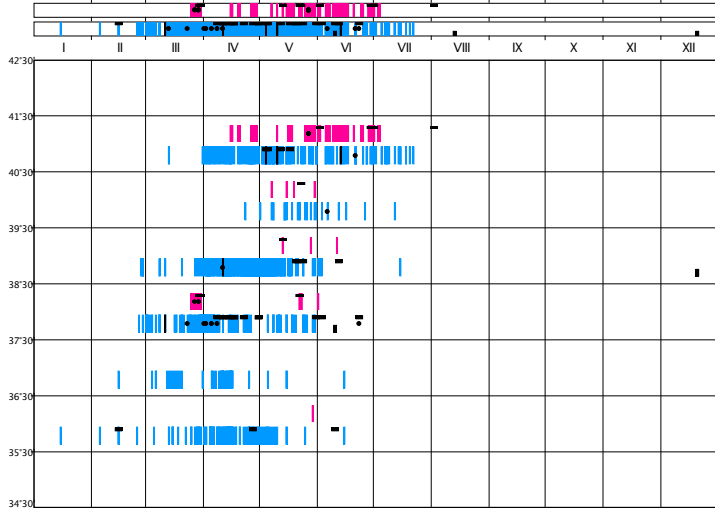
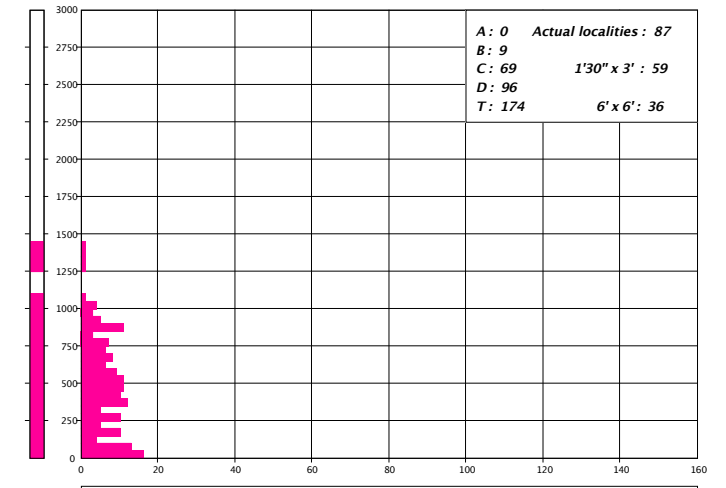
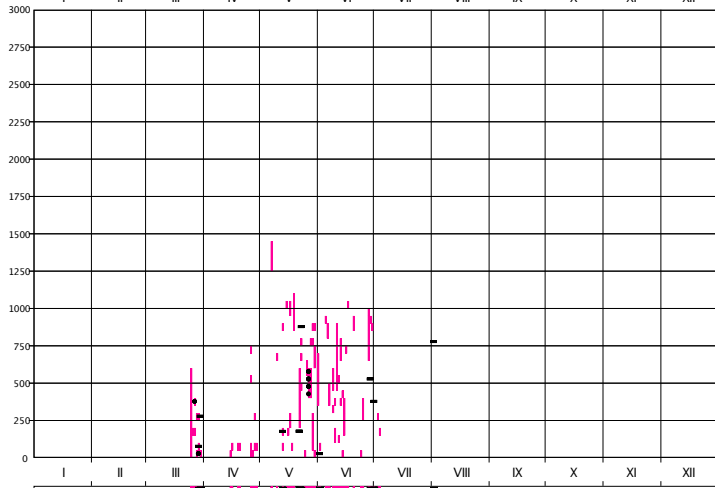
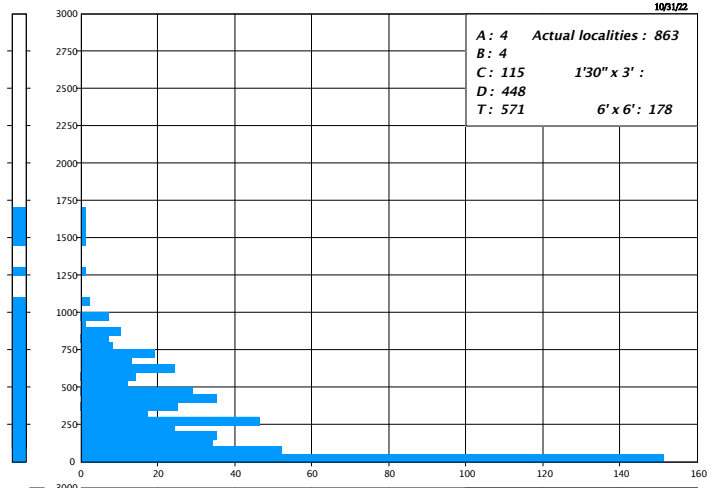
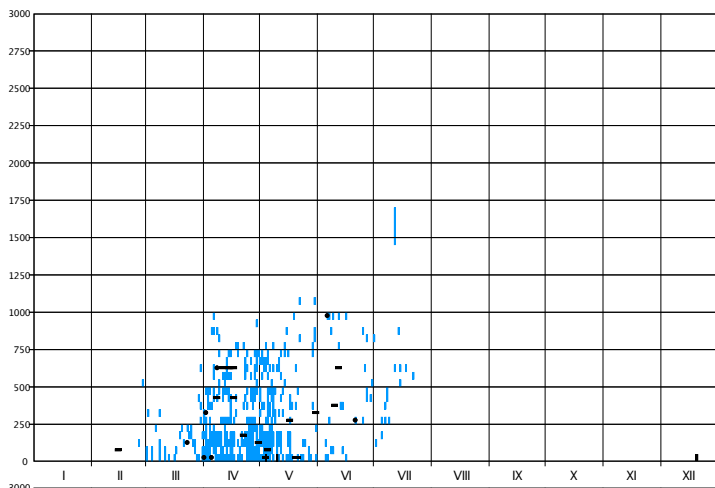


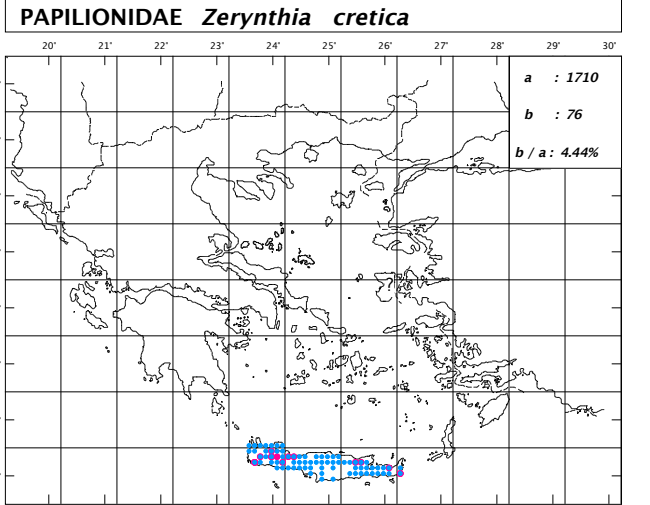
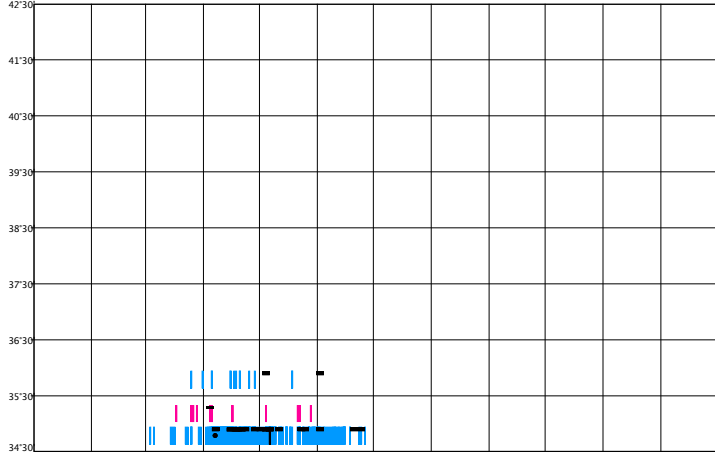
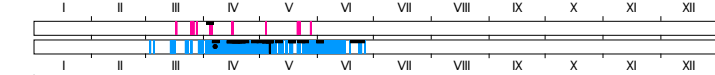
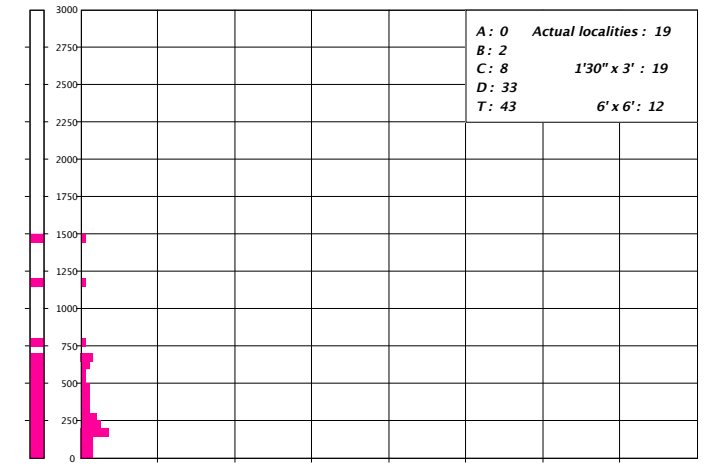
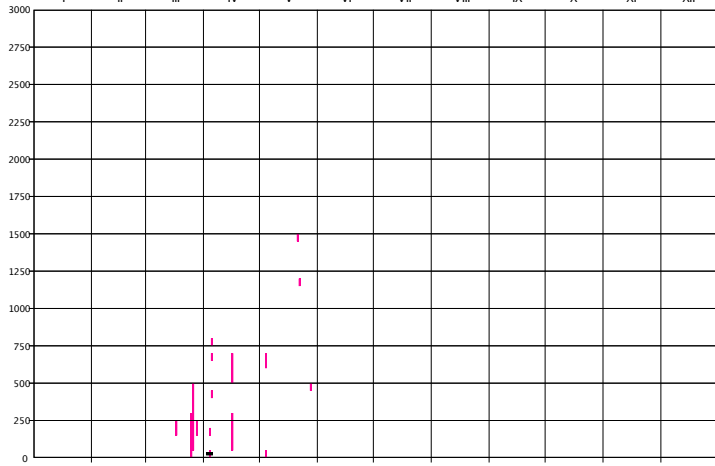
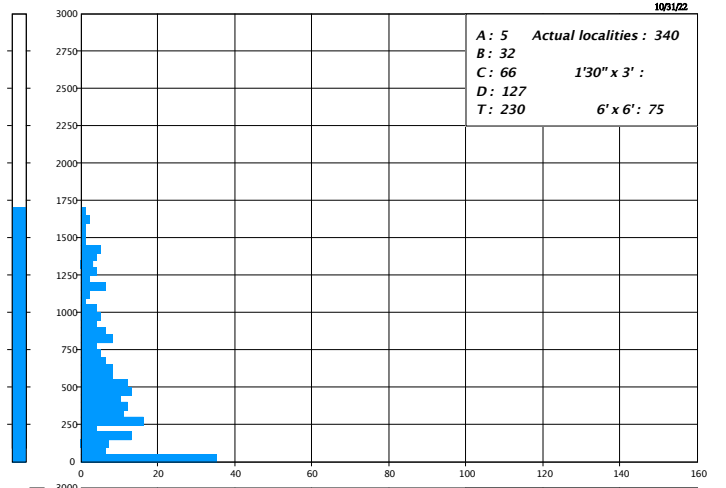
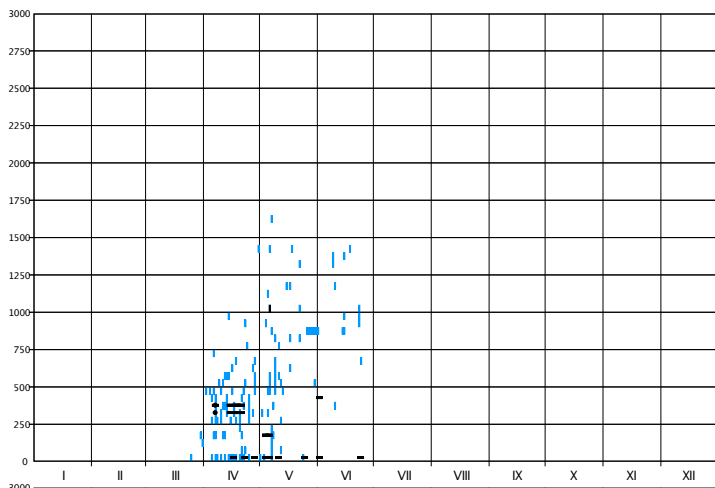
**PAPILIONIDAE *Papilio machaon***



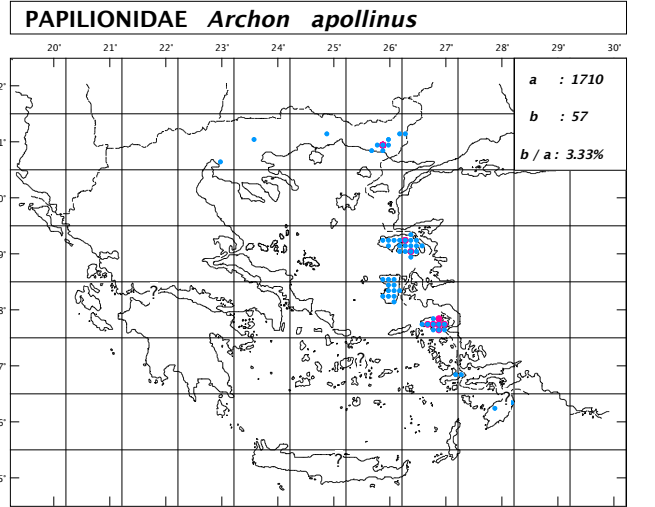
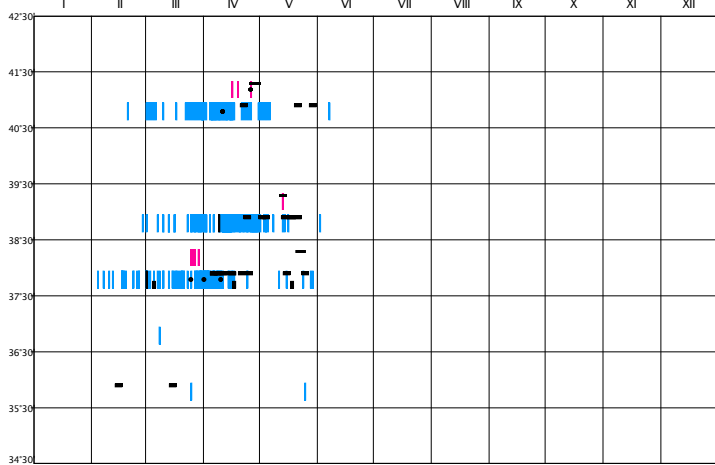
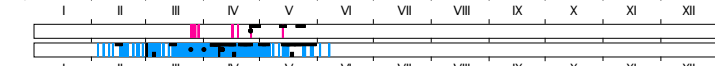
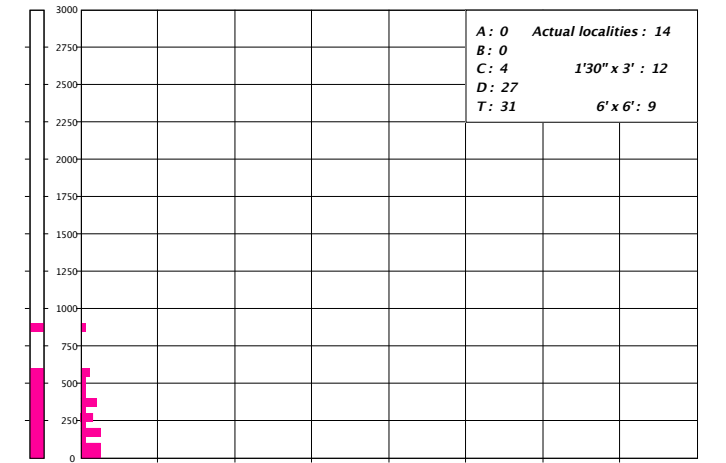
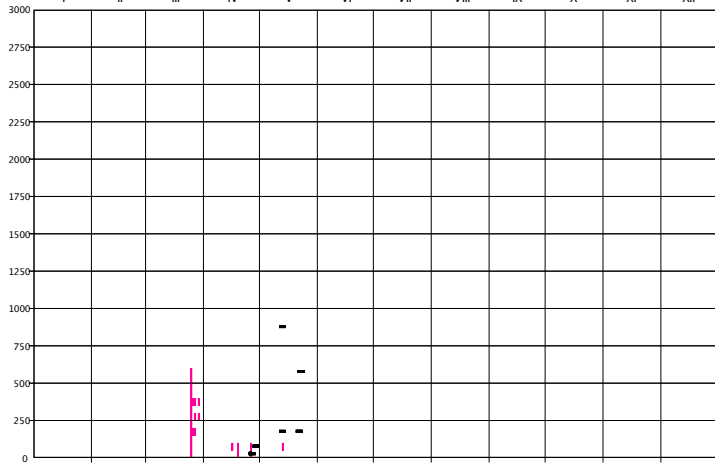
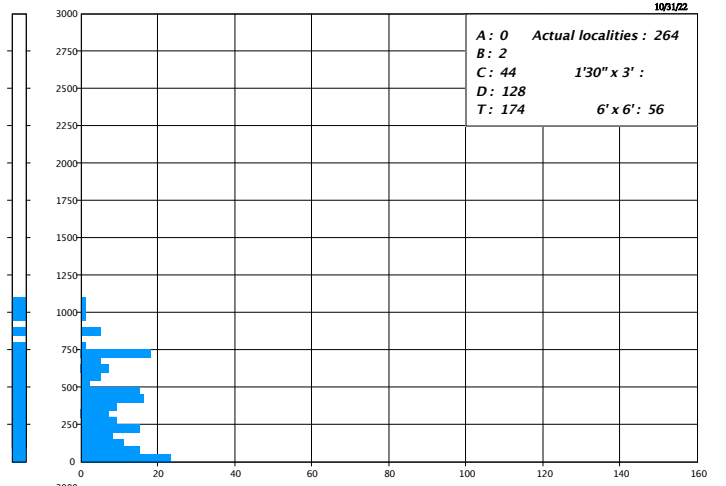
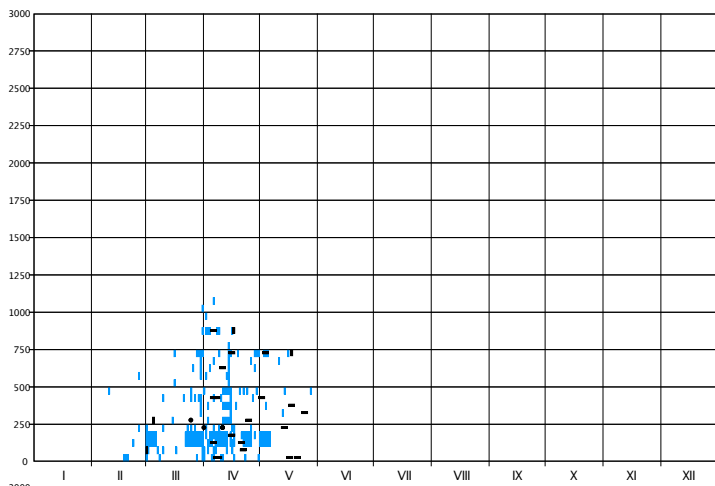




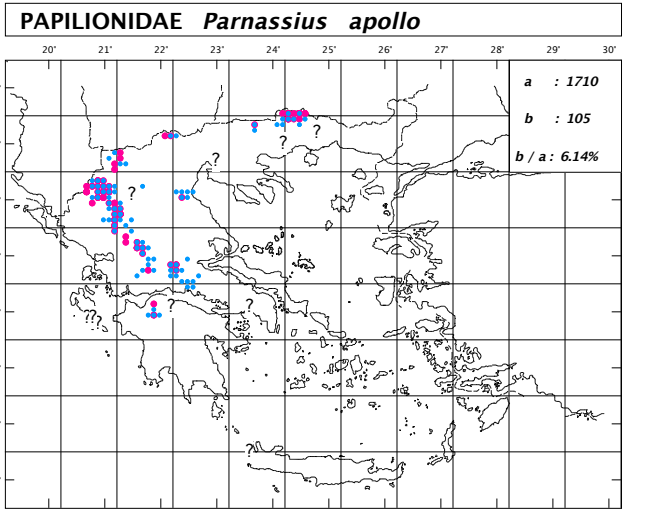
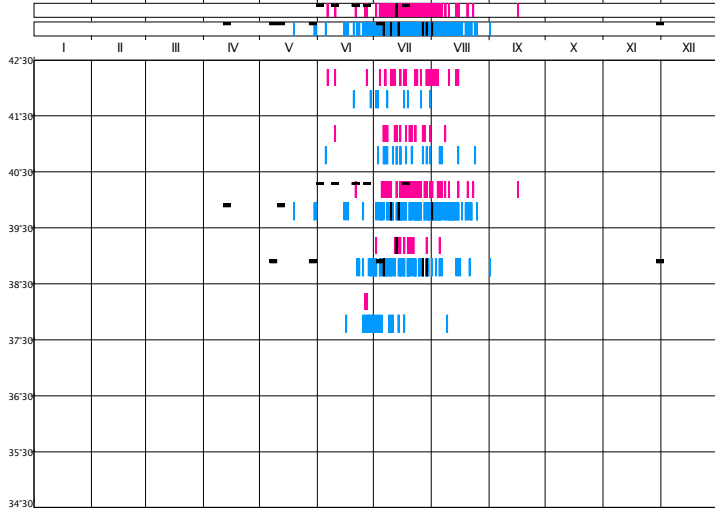
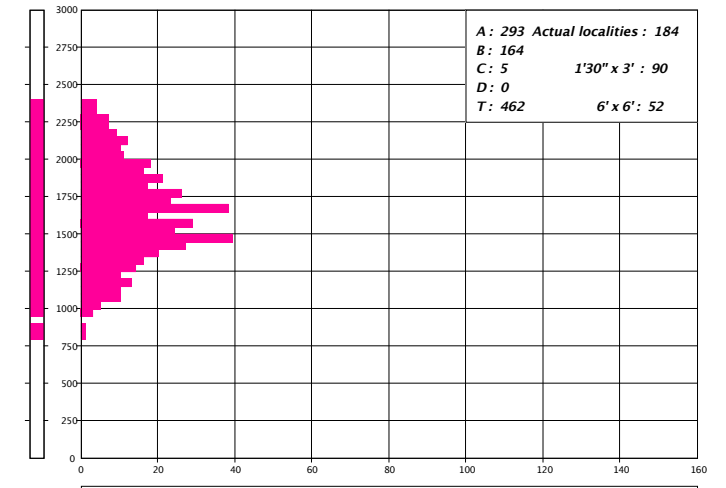
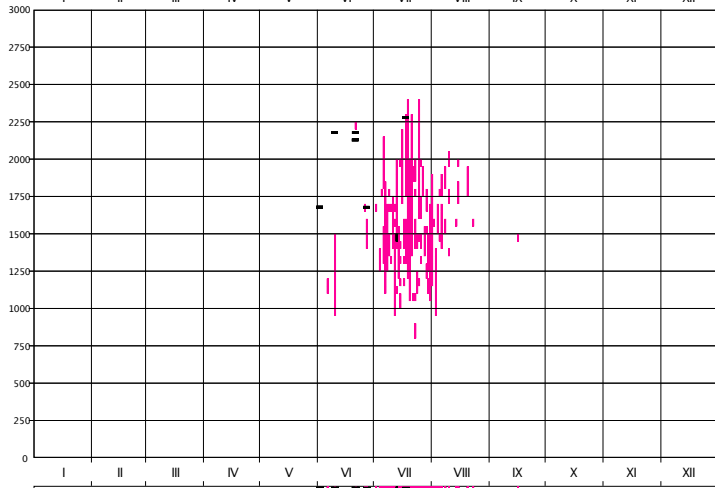
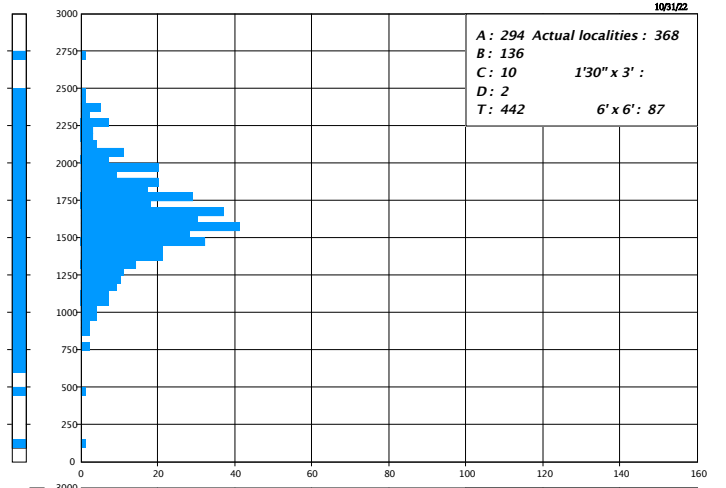
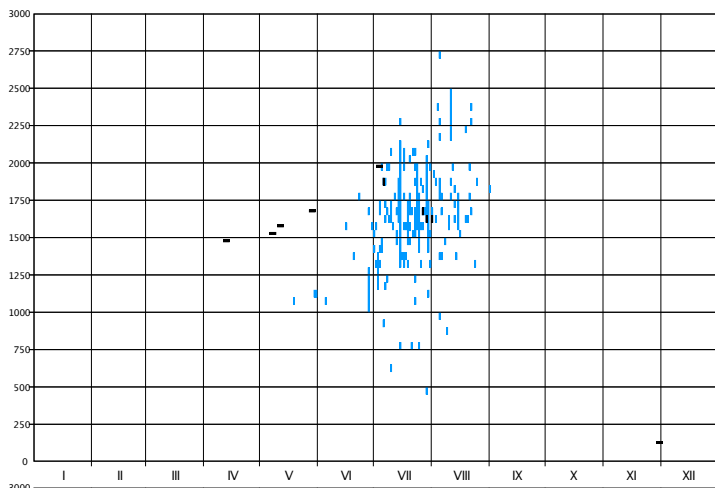


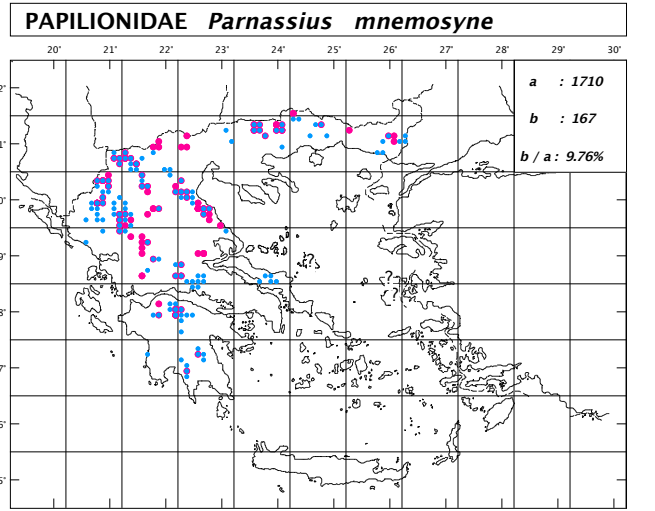
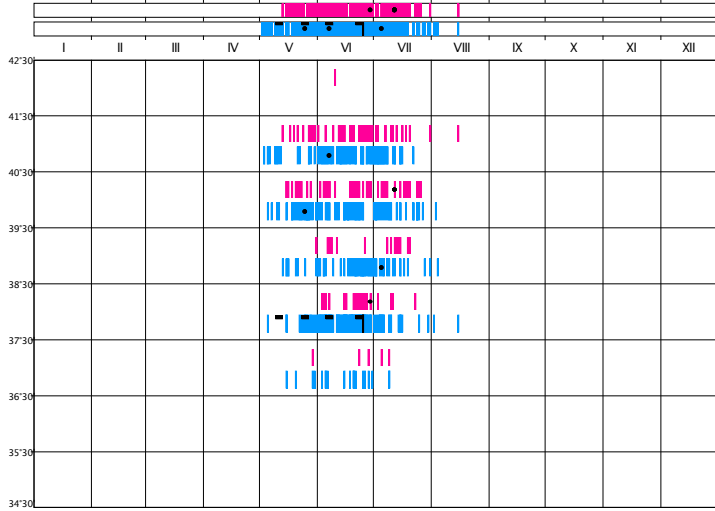
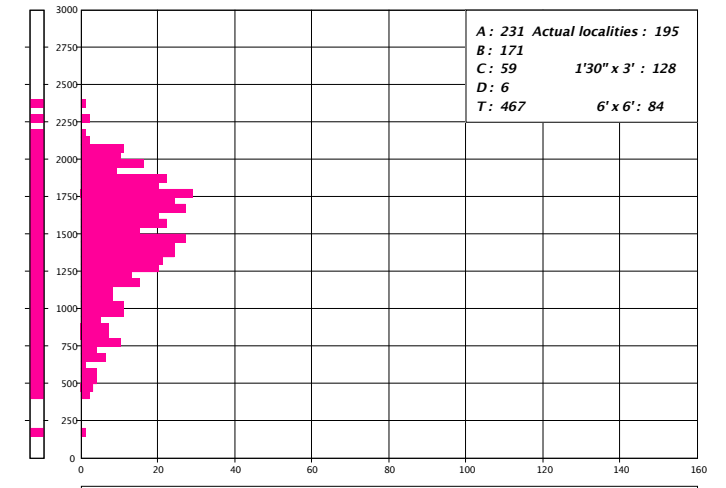
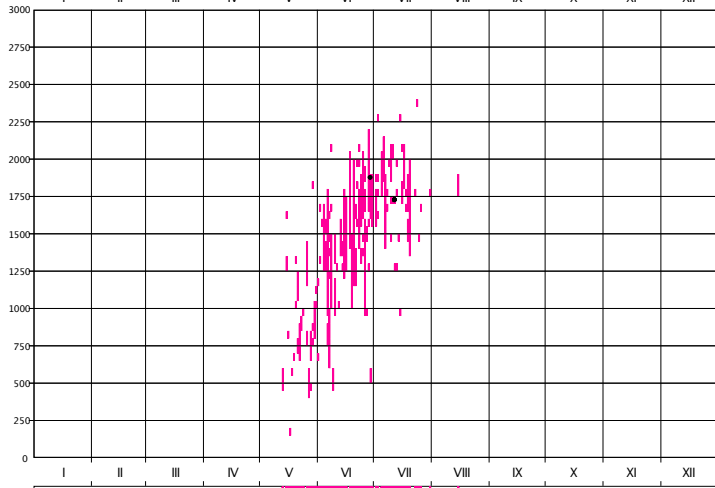
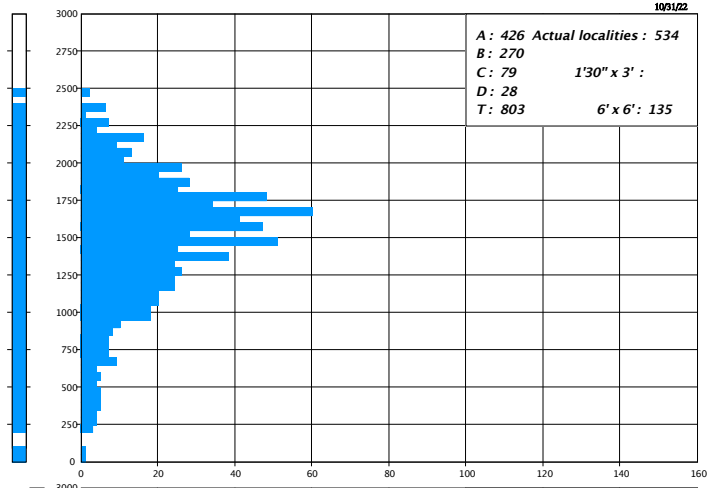
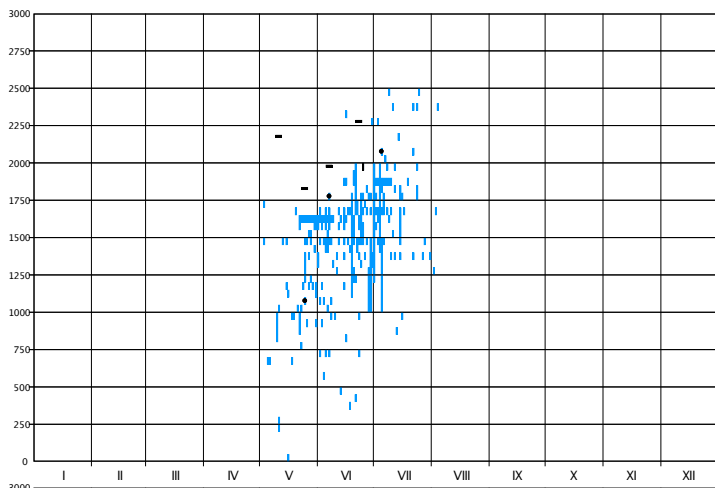


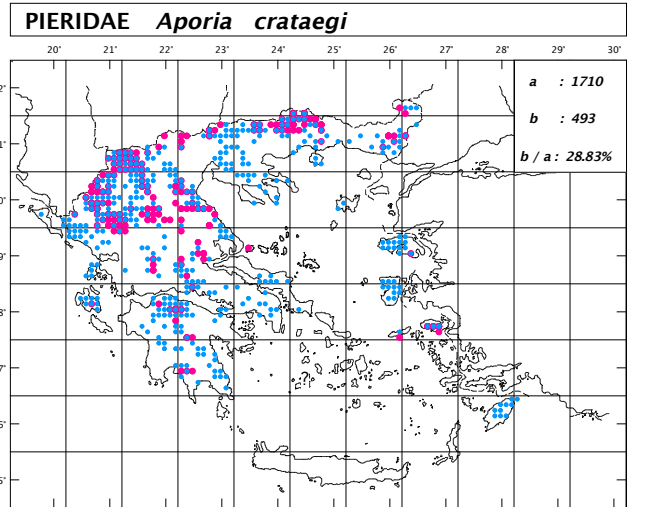
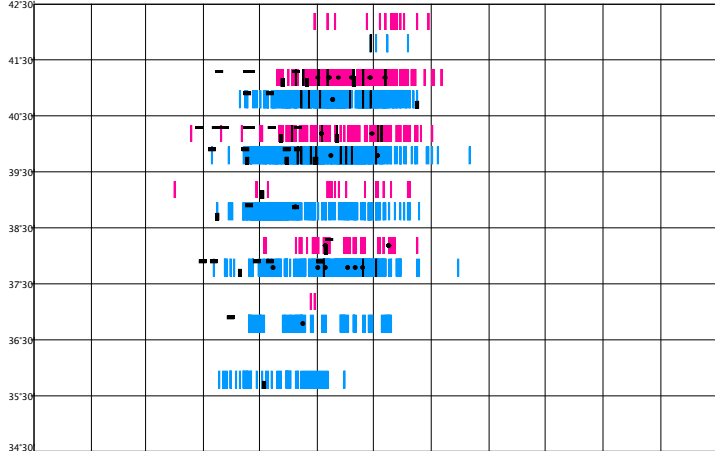
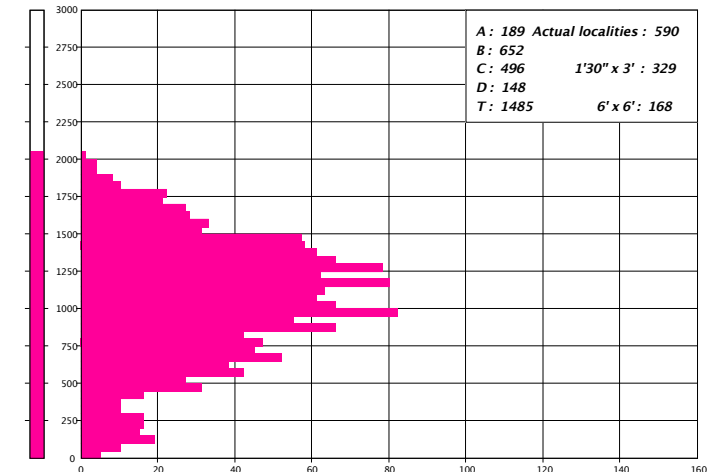
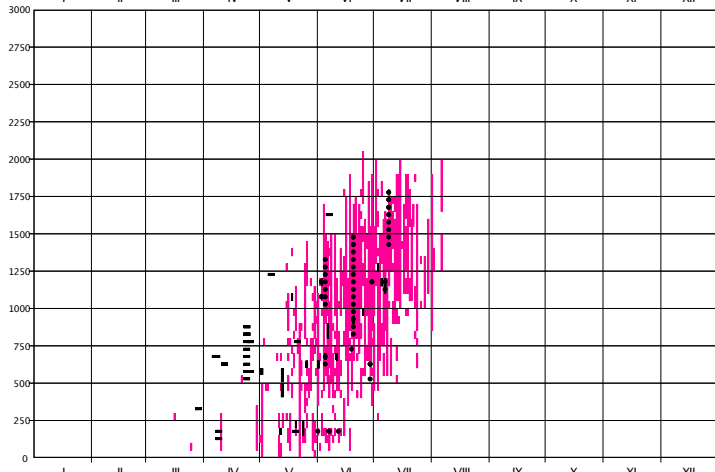
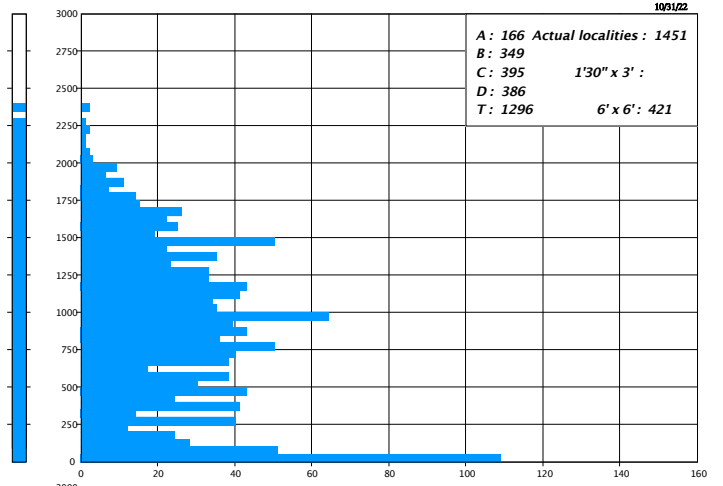
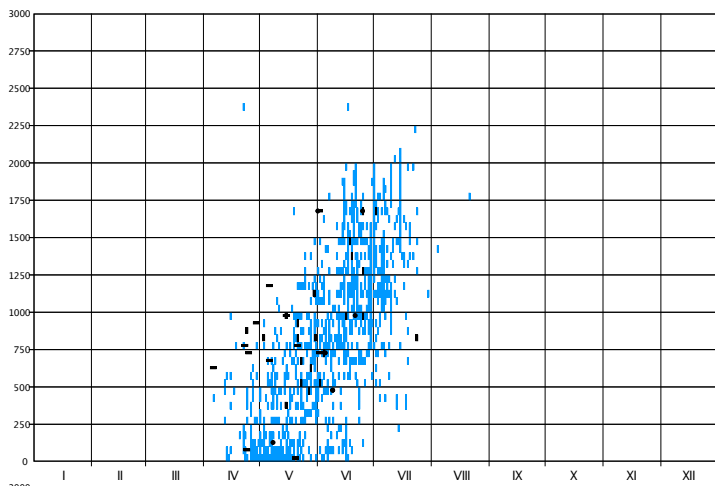
**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
ENDEMIC SPECIES OF GREECE**

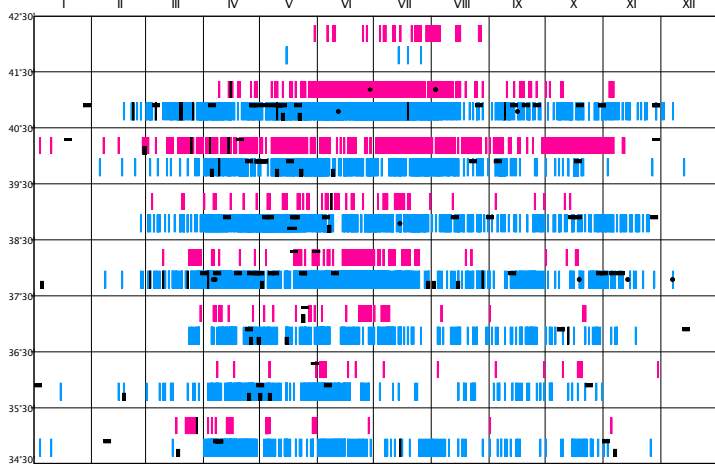
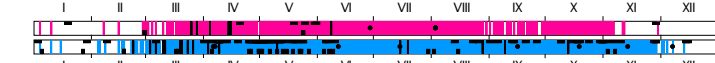
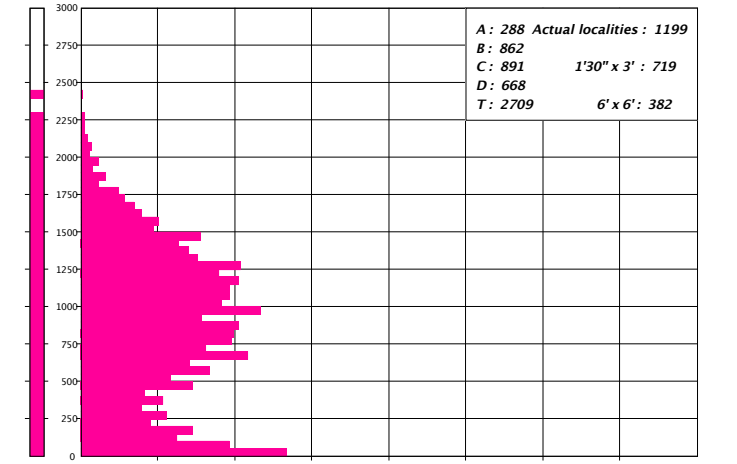
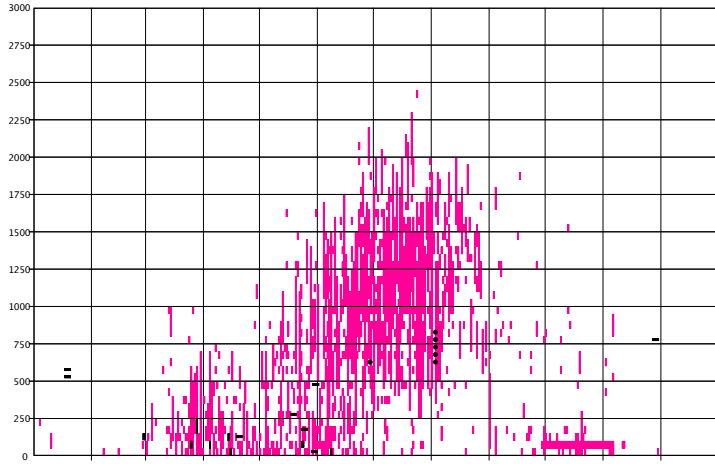
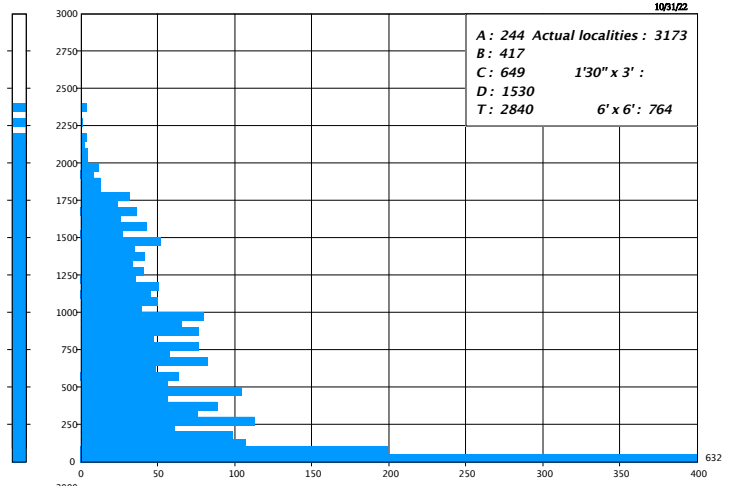
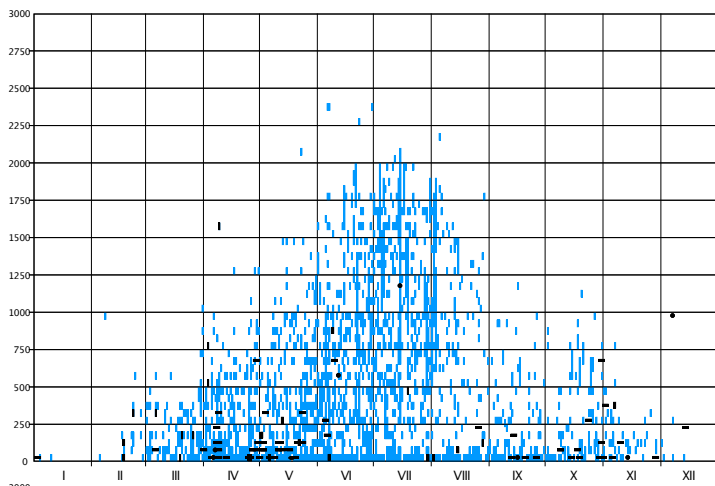




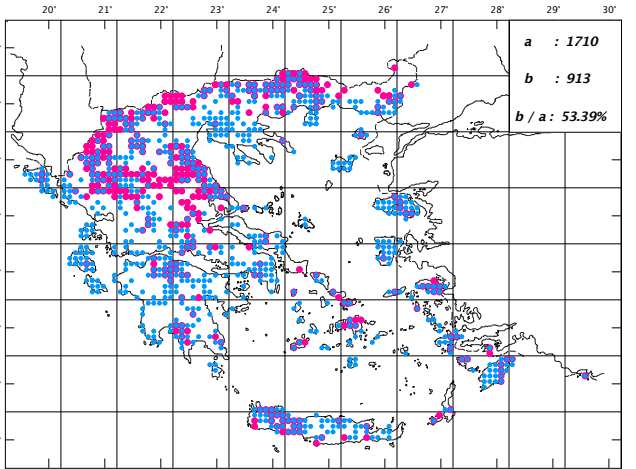


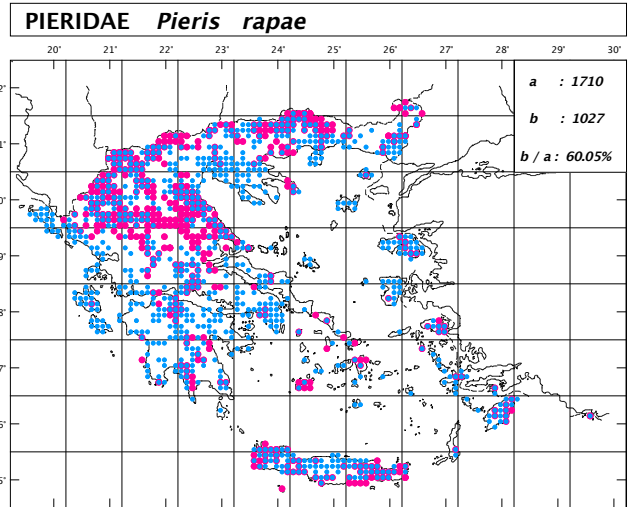
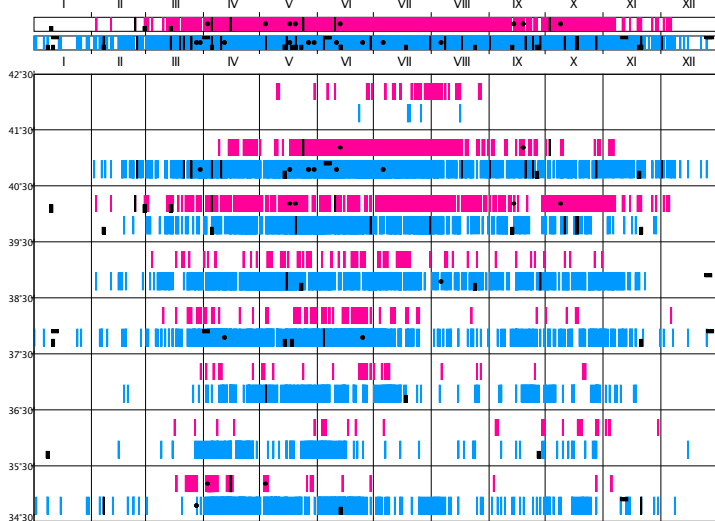
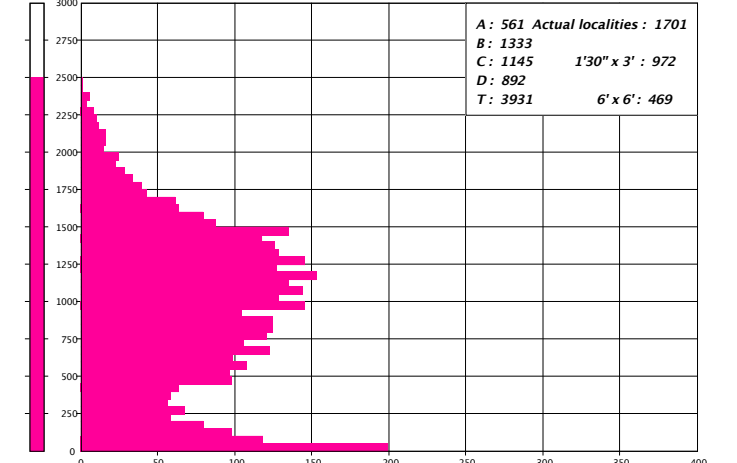
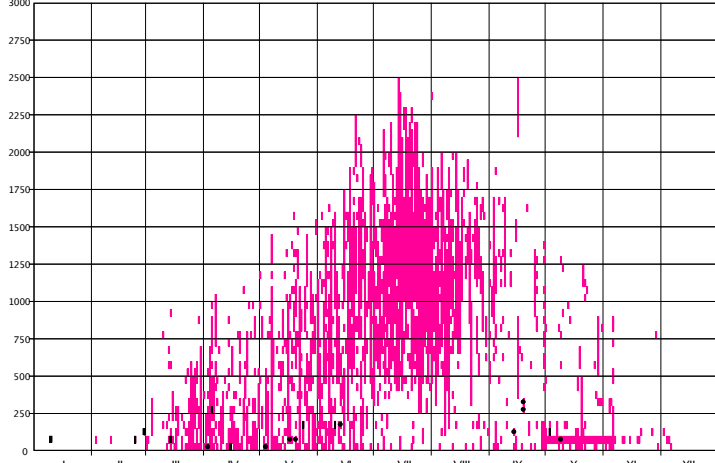
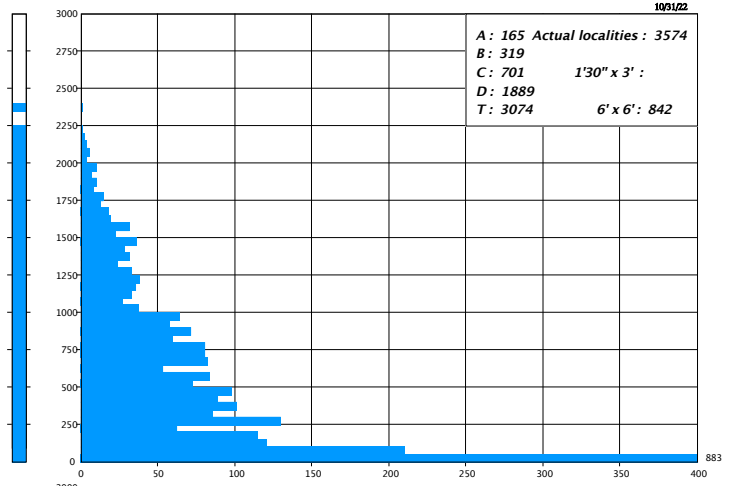
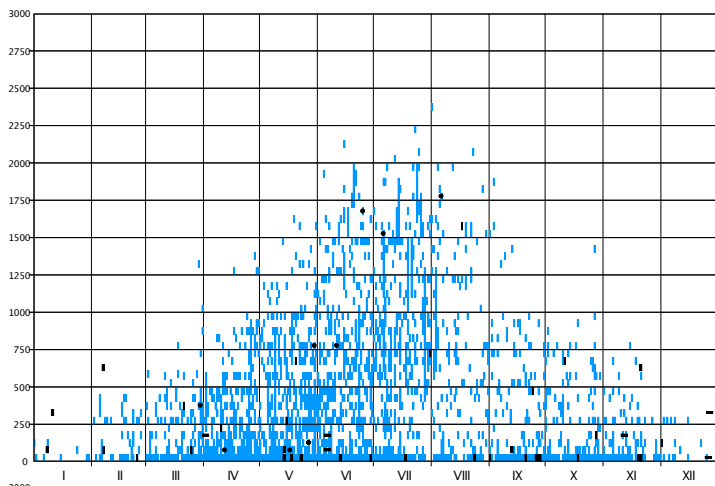


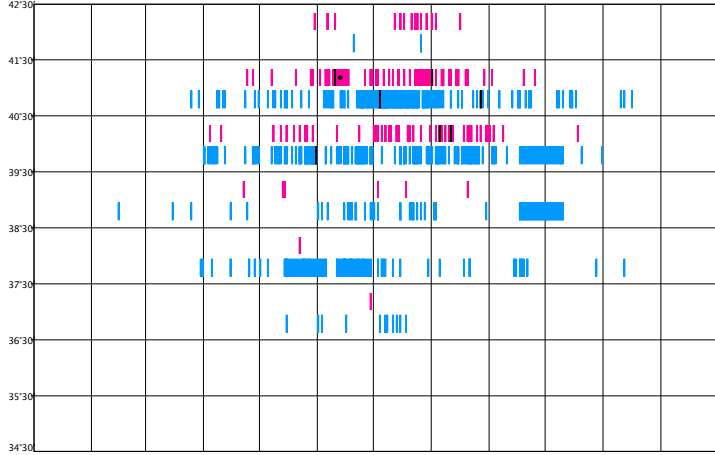
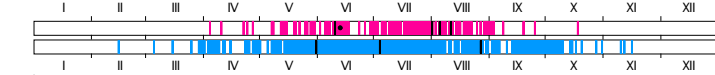
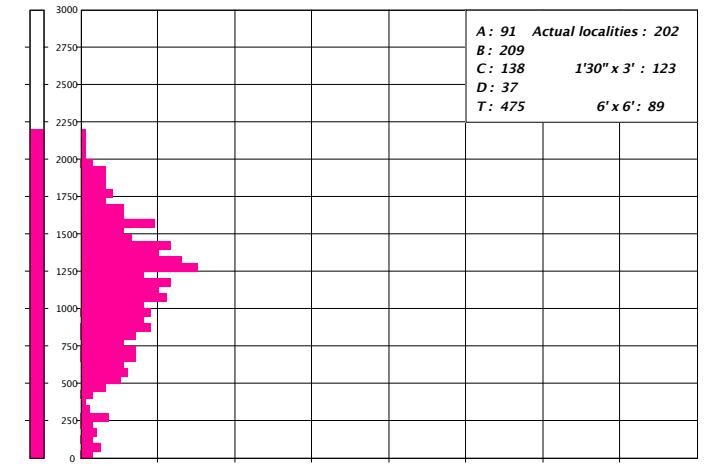
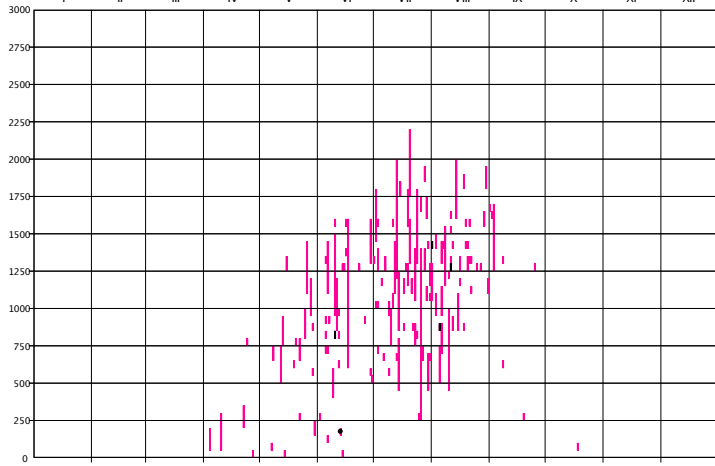
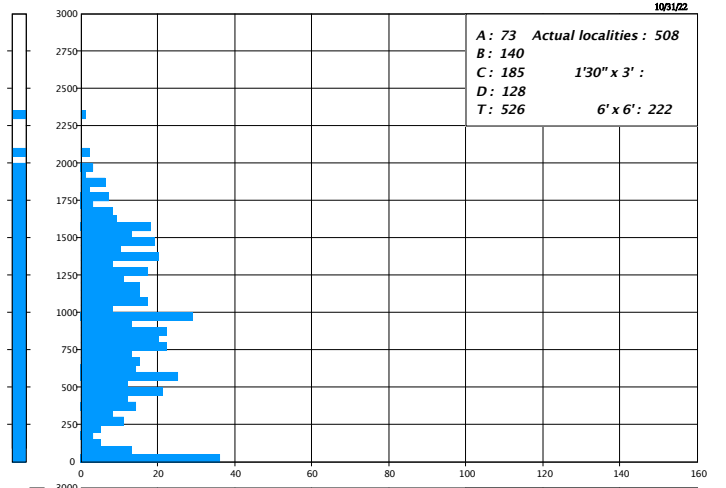
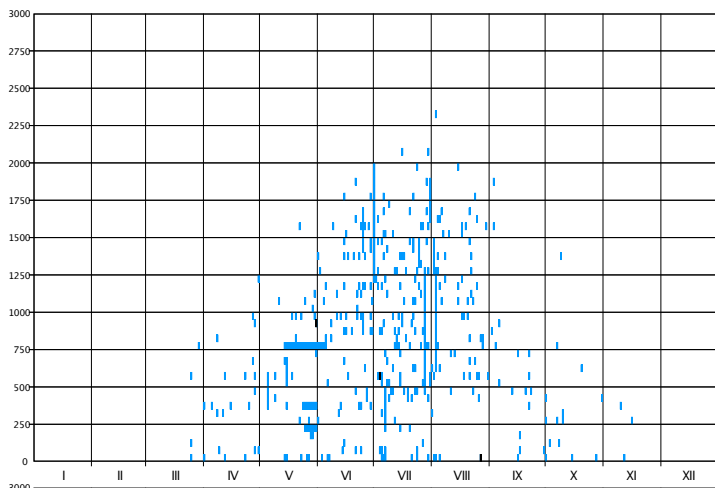




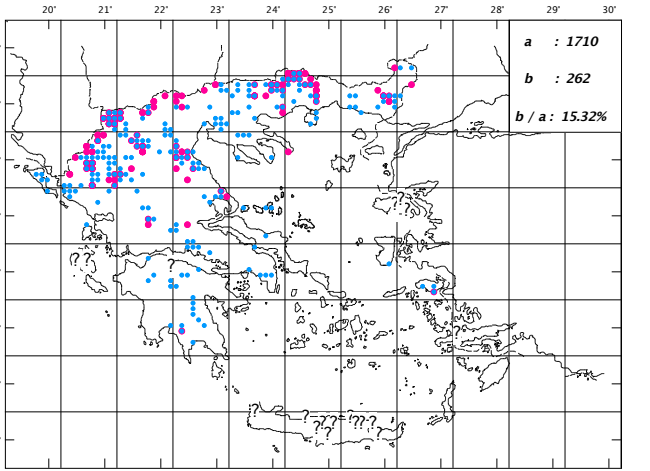
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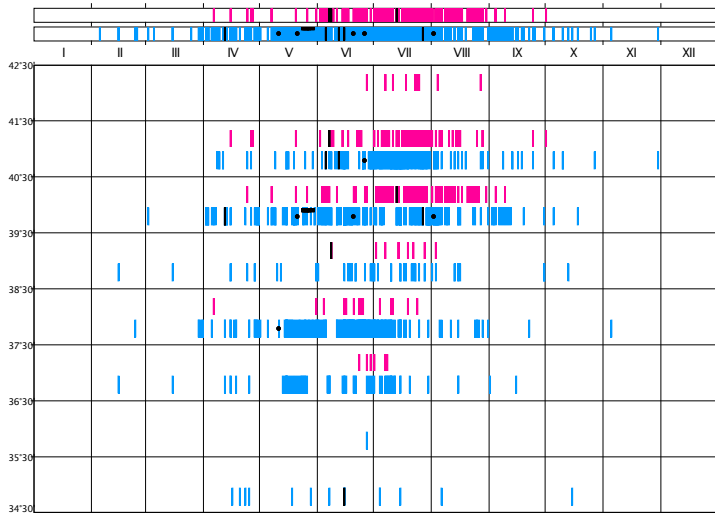
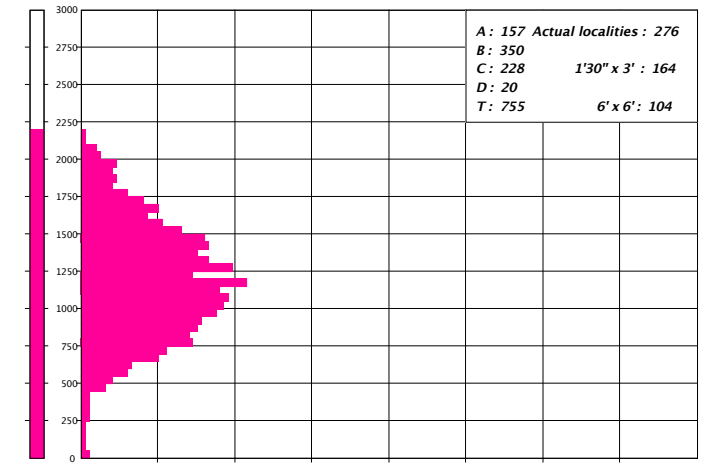
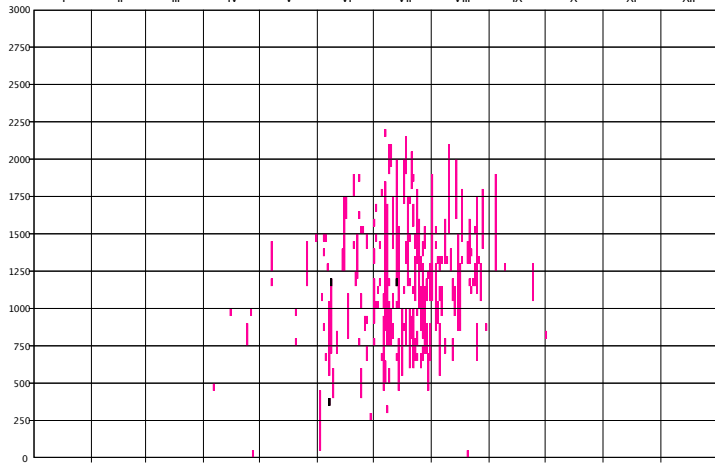
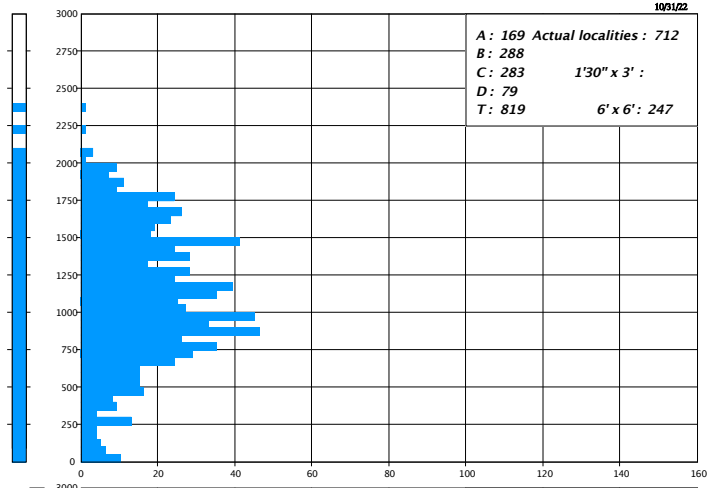
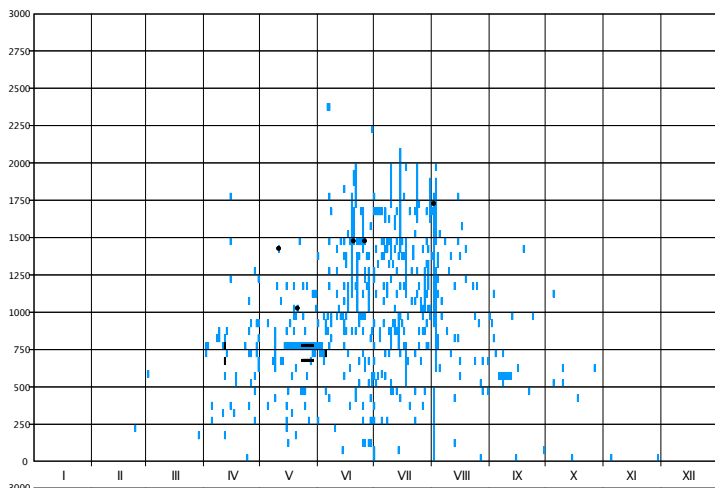




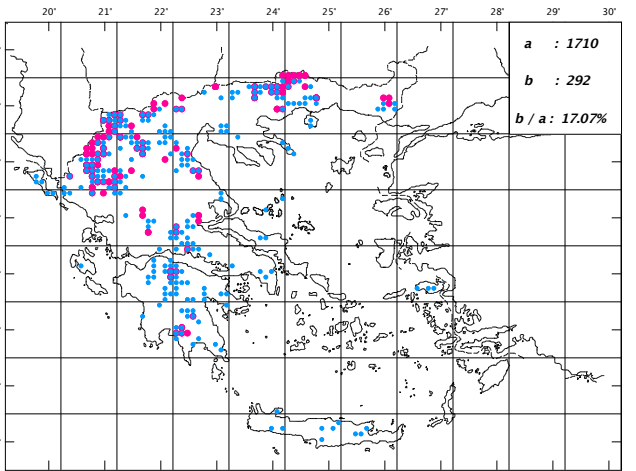


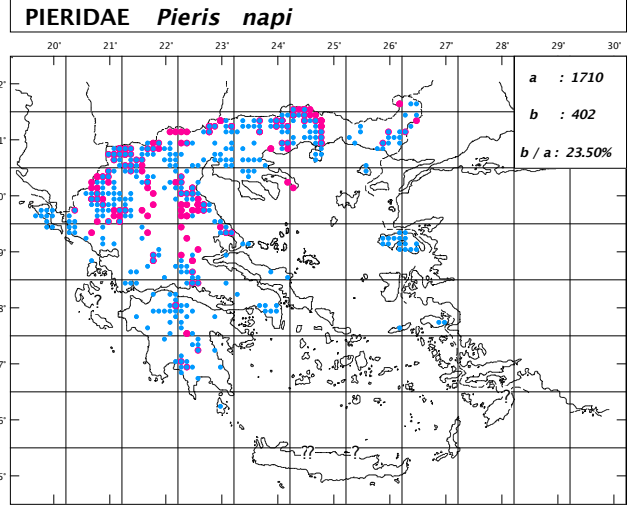
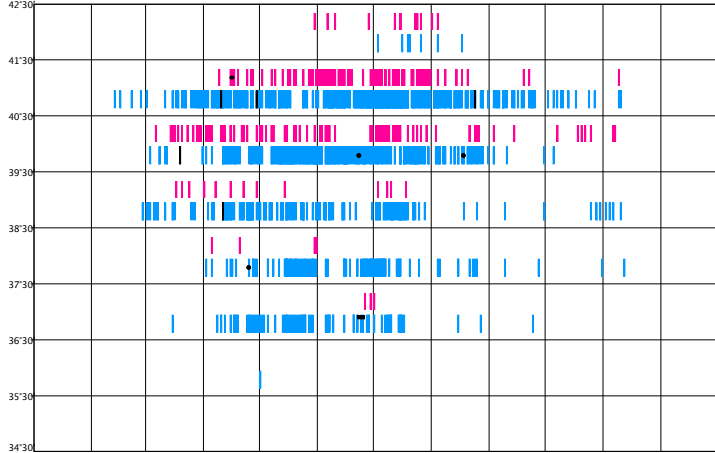
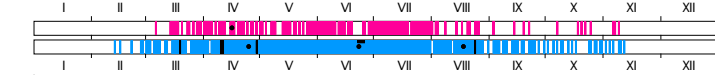
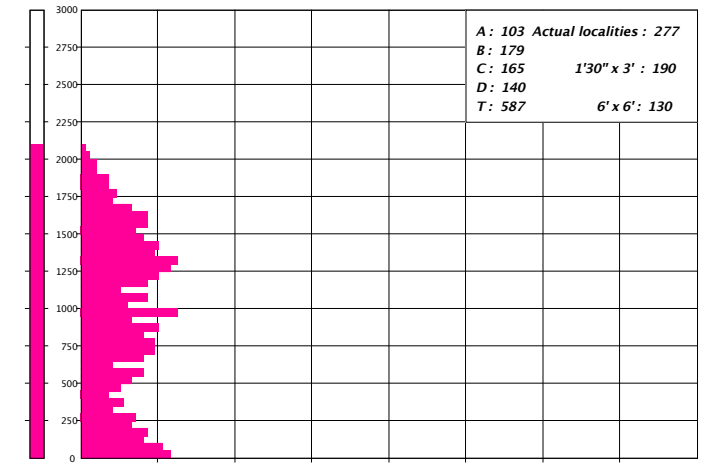
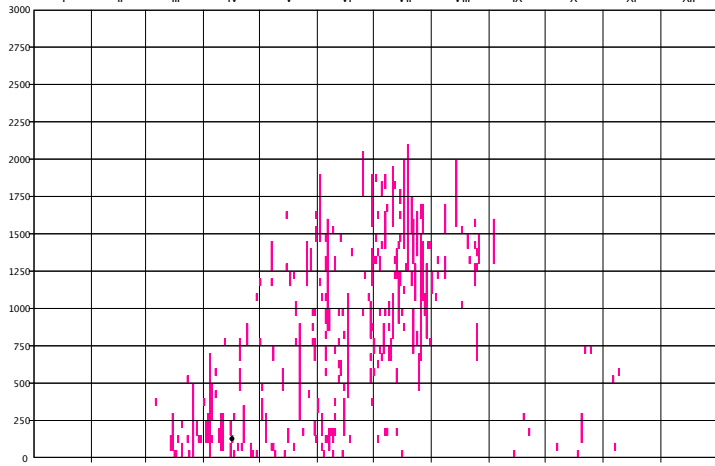
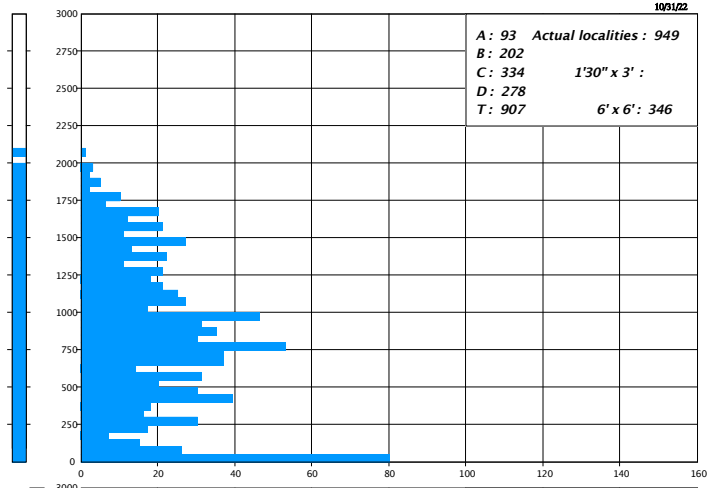
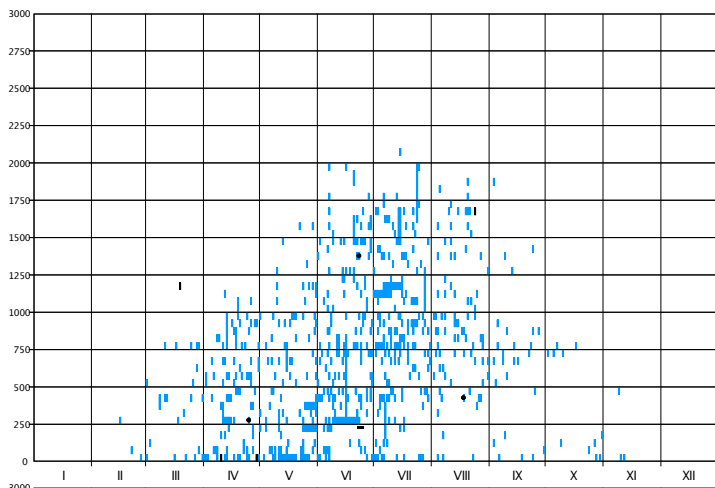
**PIERIDAE *Pieris manii***





**PIERIDAE *Pieris ergane***

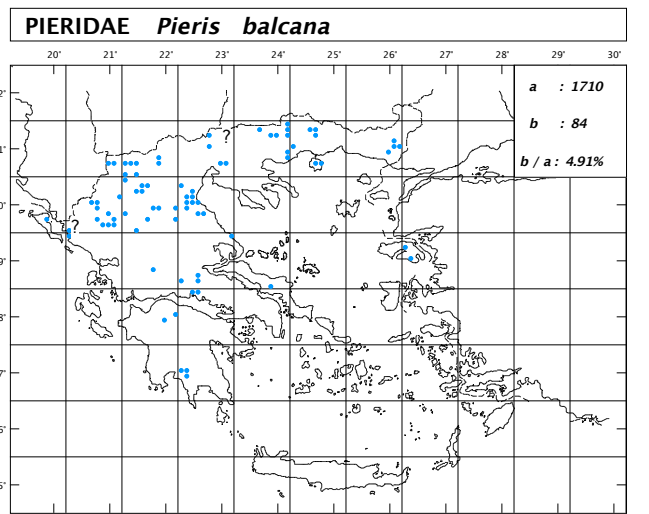
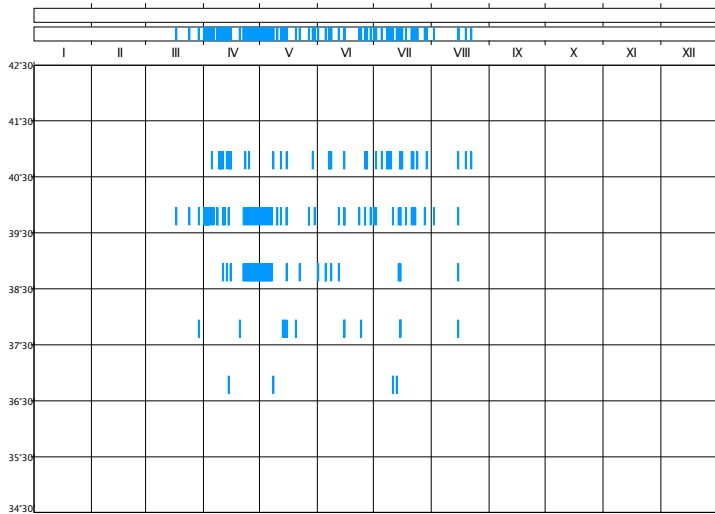
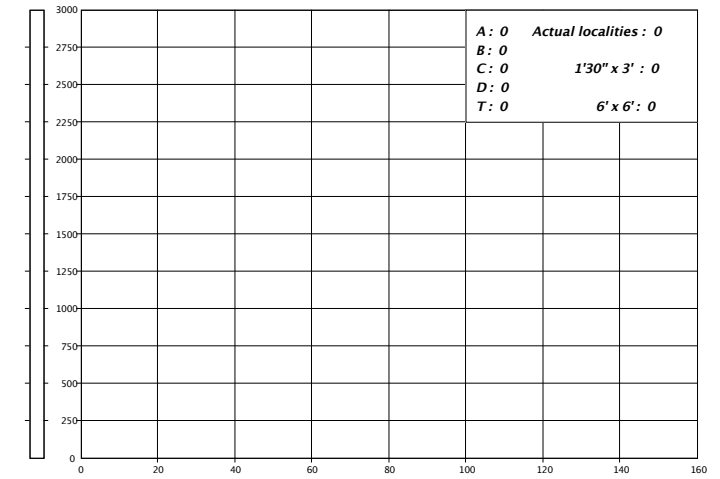
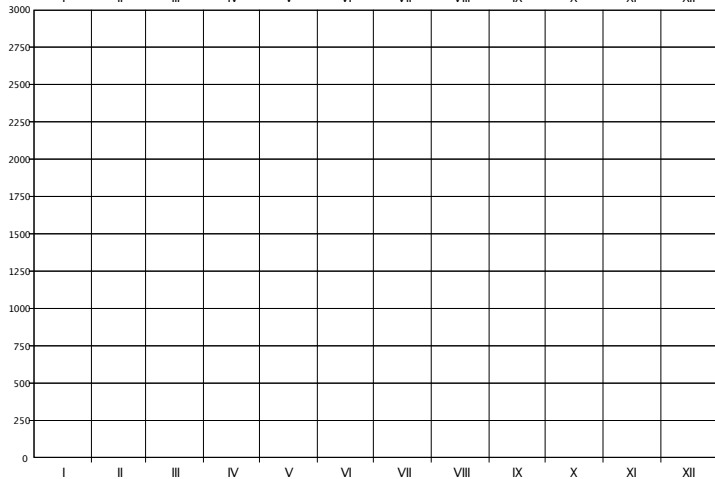
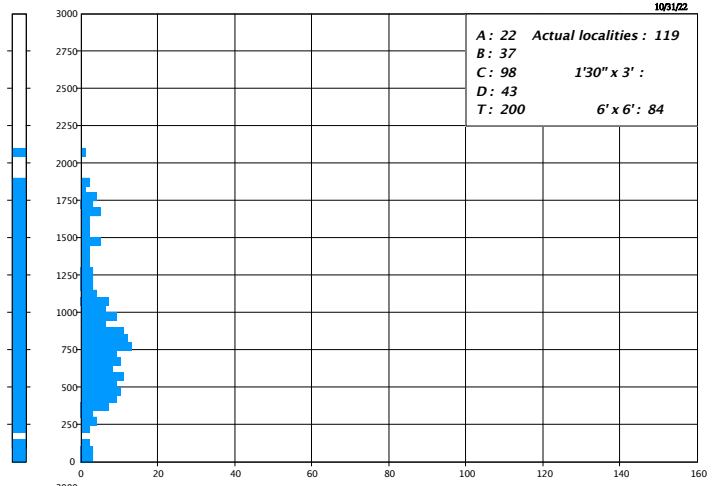
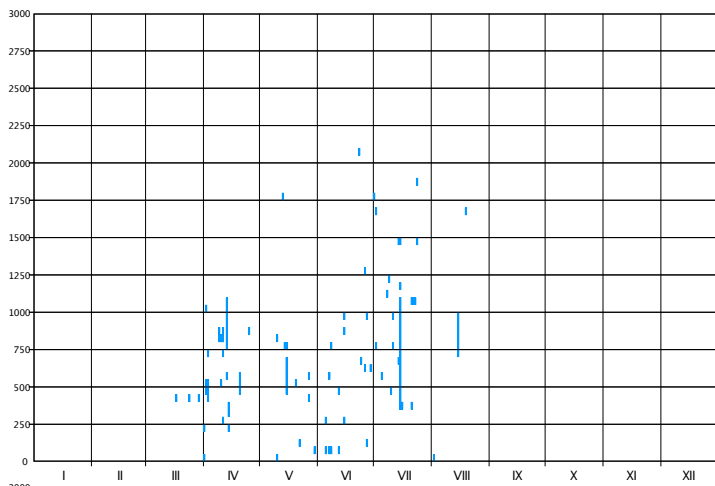




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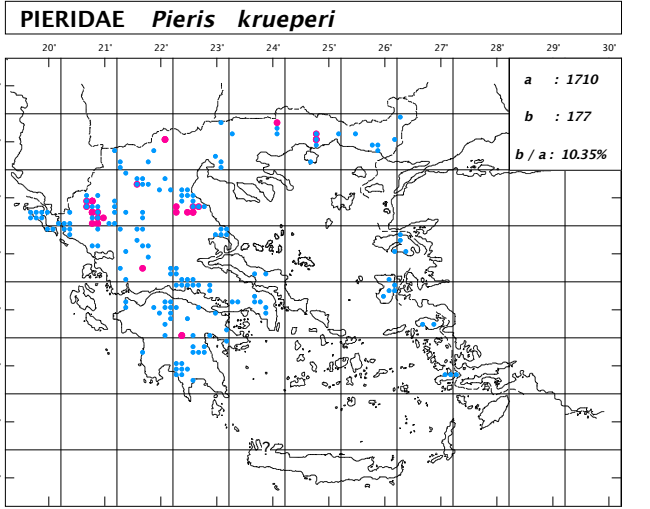
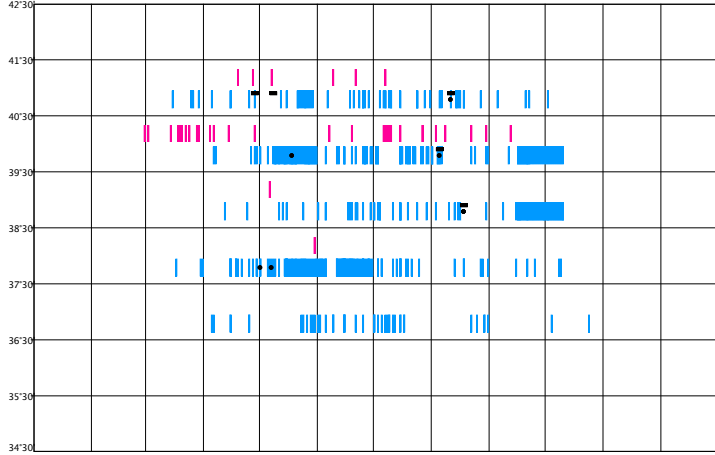
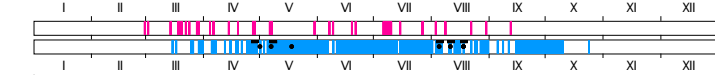
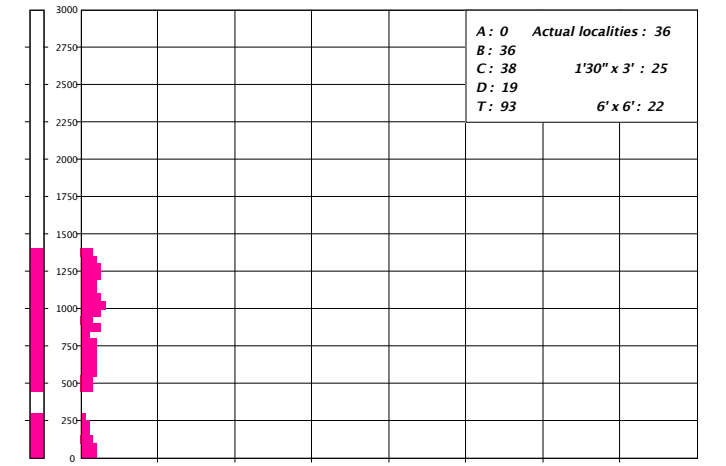
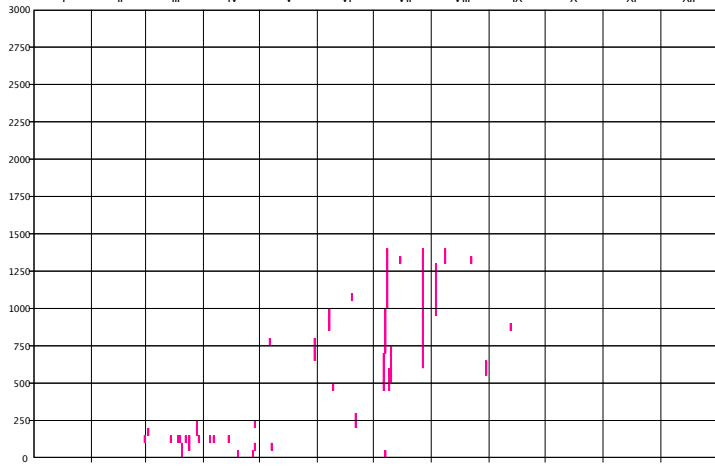
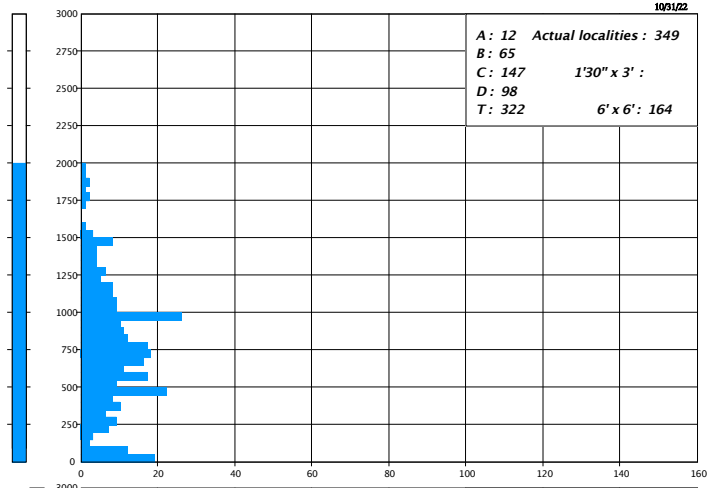
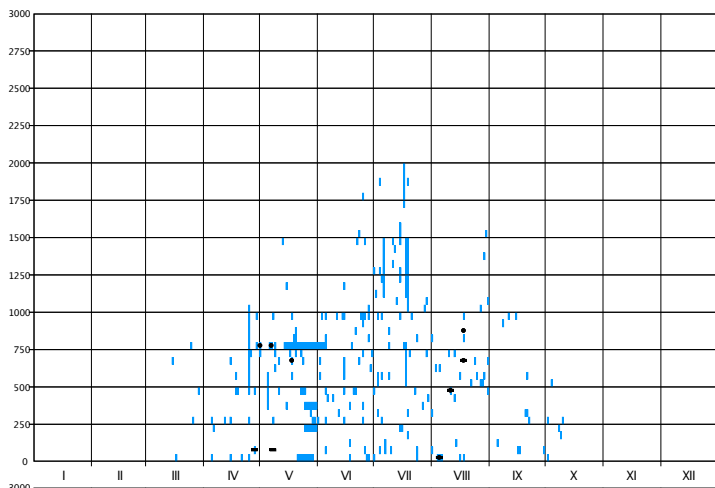
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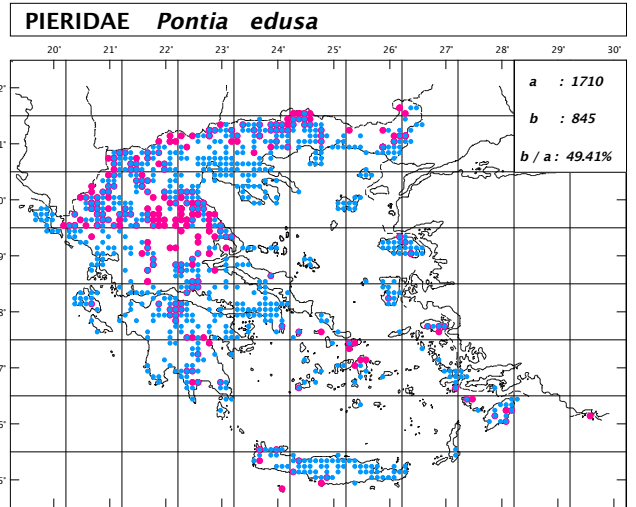
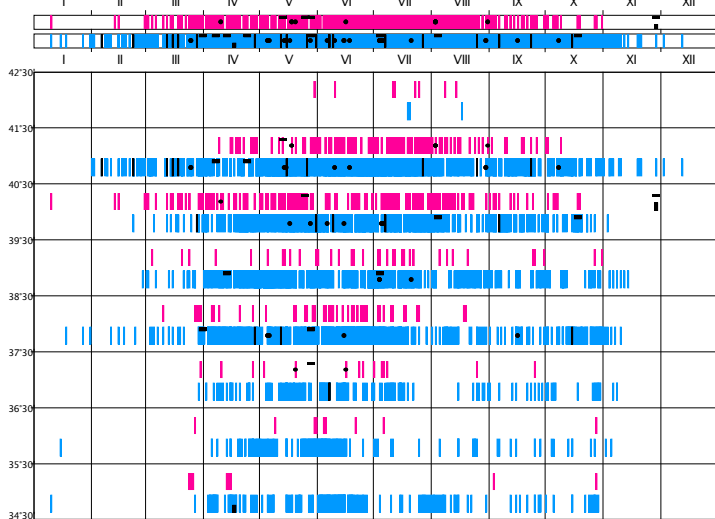
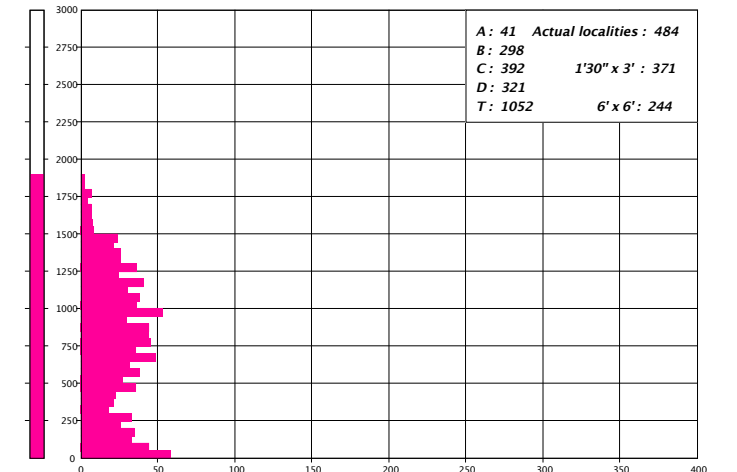
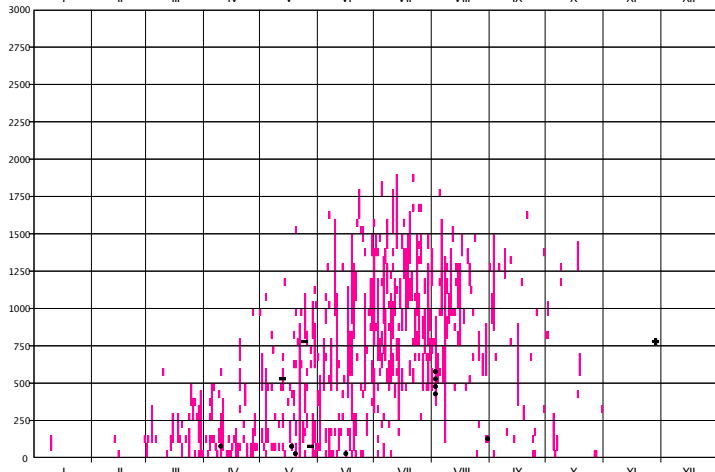
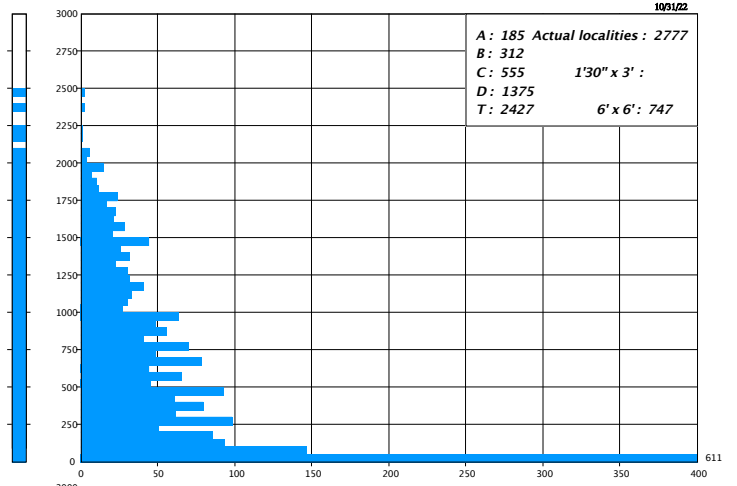
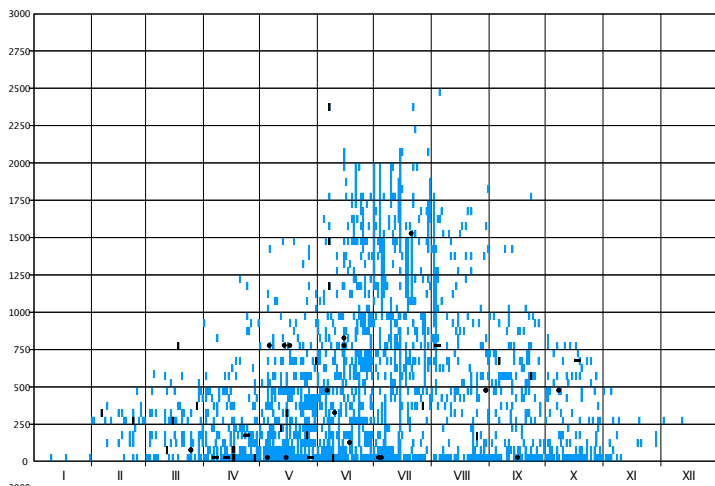


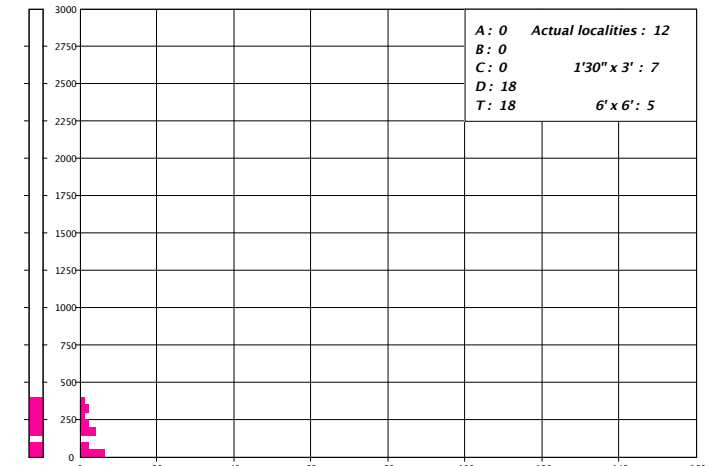
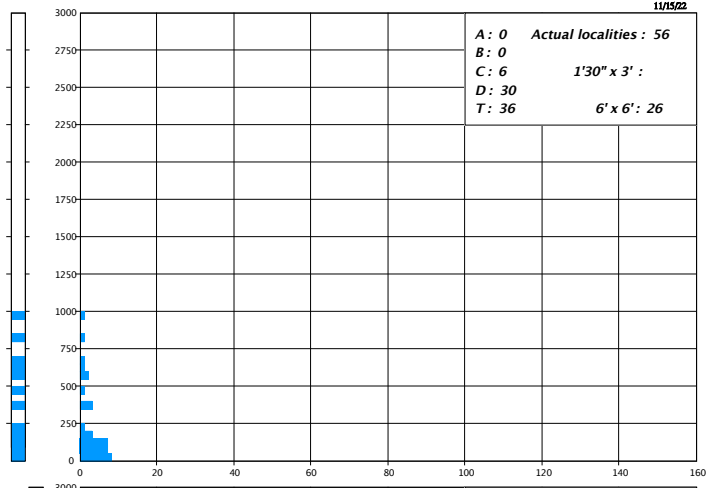
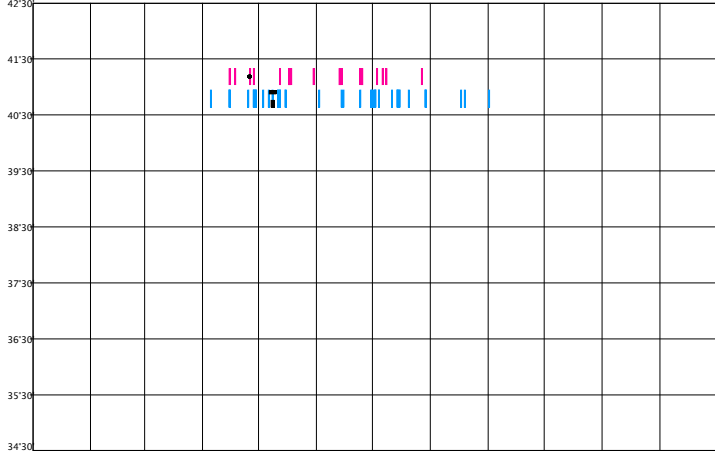
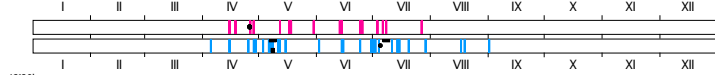
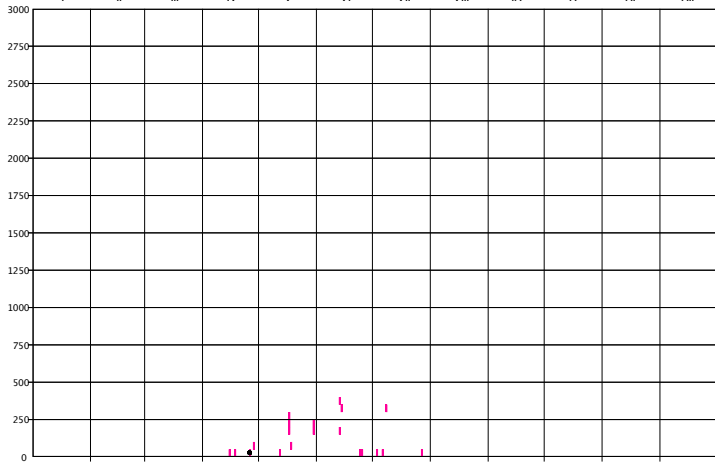
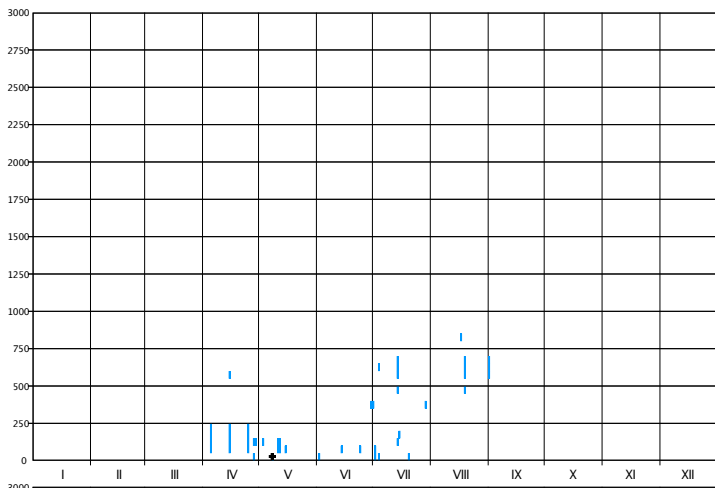


Αμφίβολη αναγνώριση / Identification Uncertain

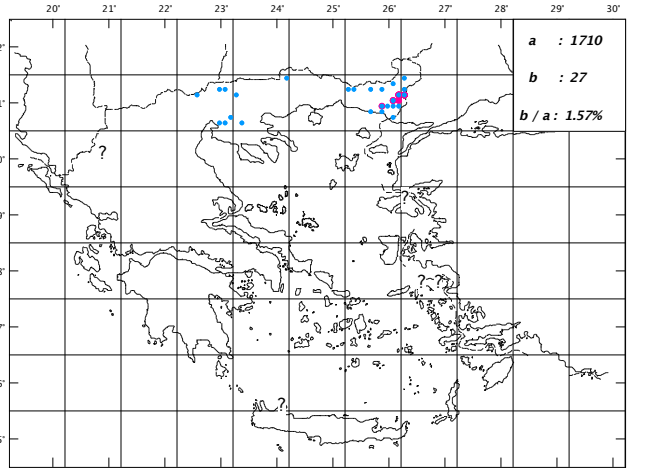
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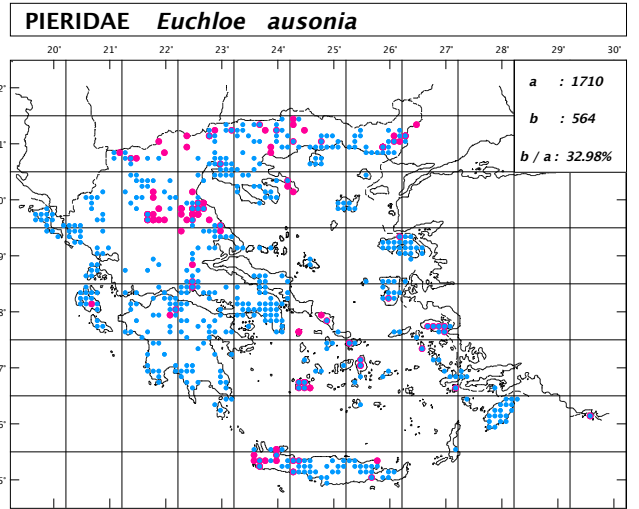
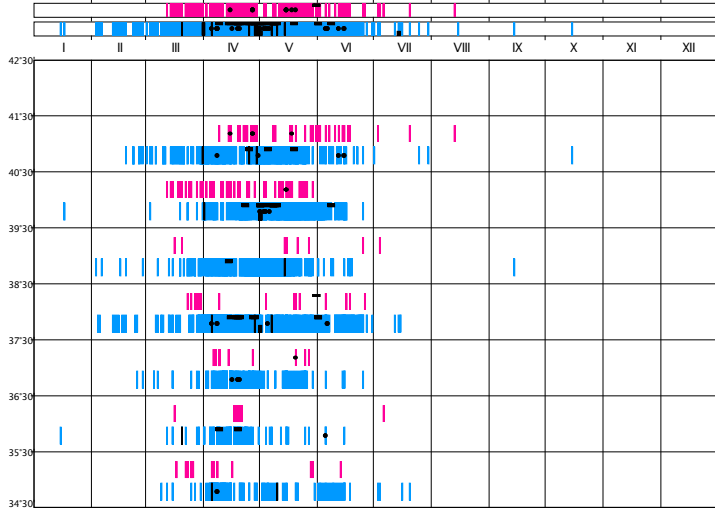
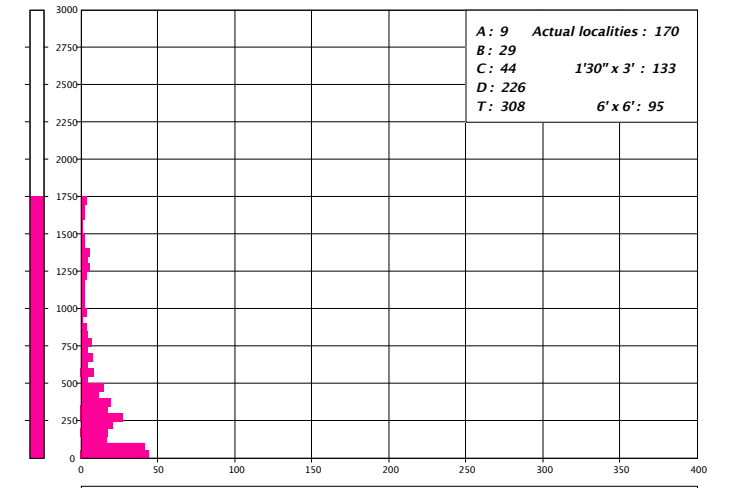
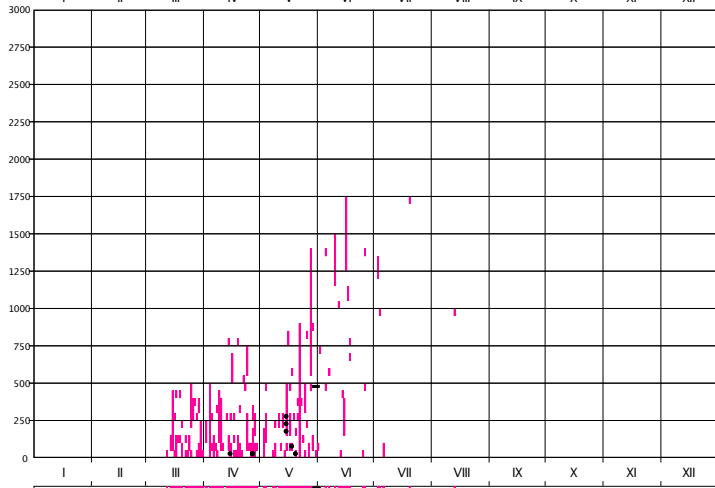
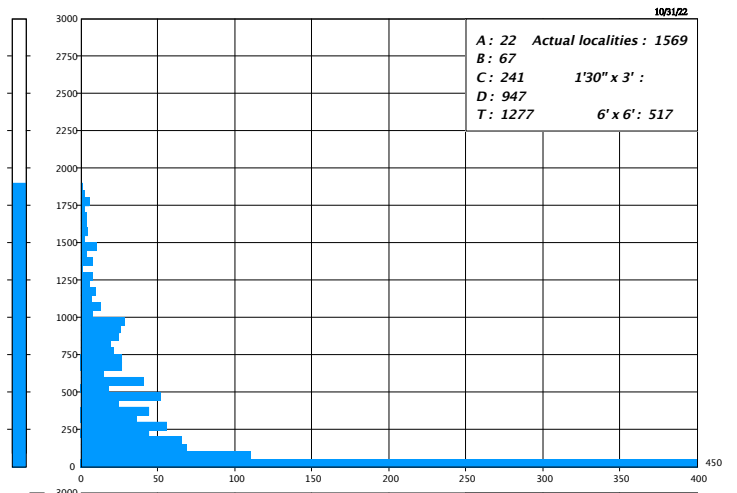
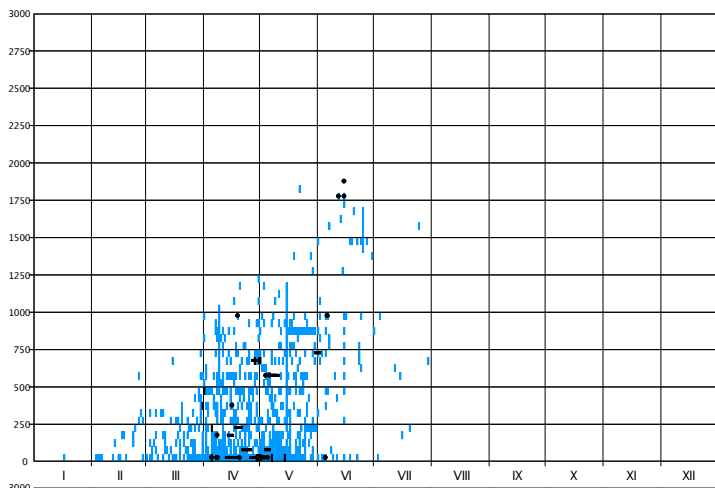


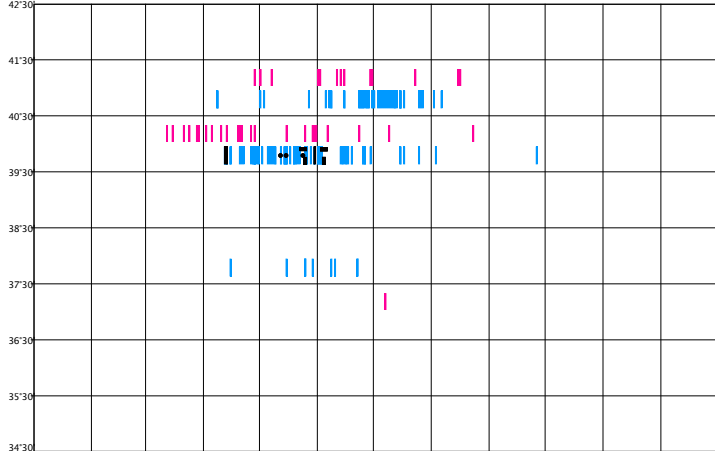
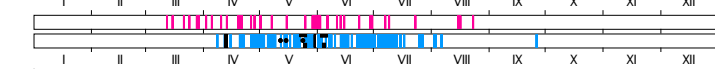
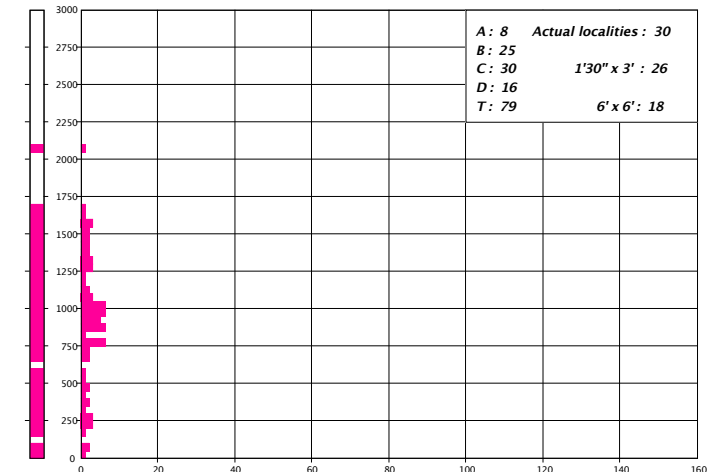
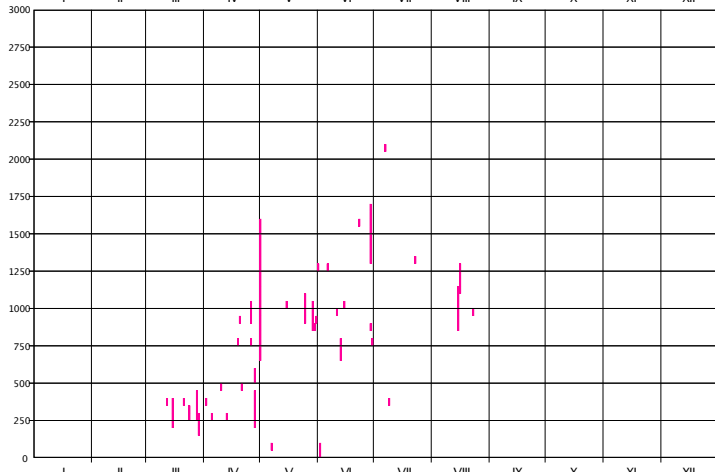
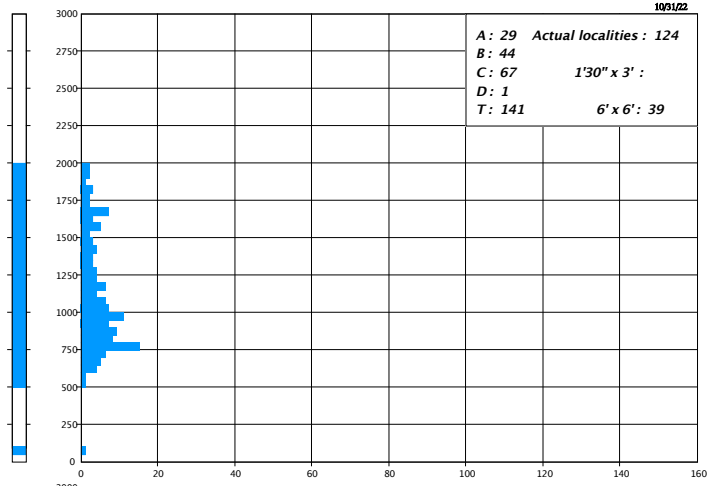
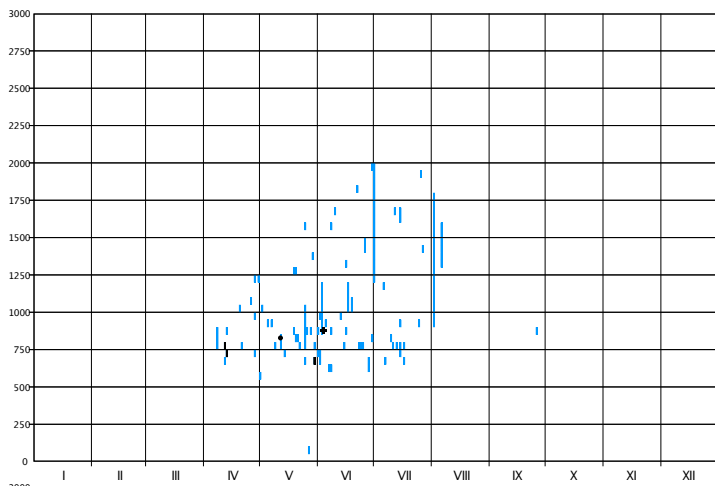




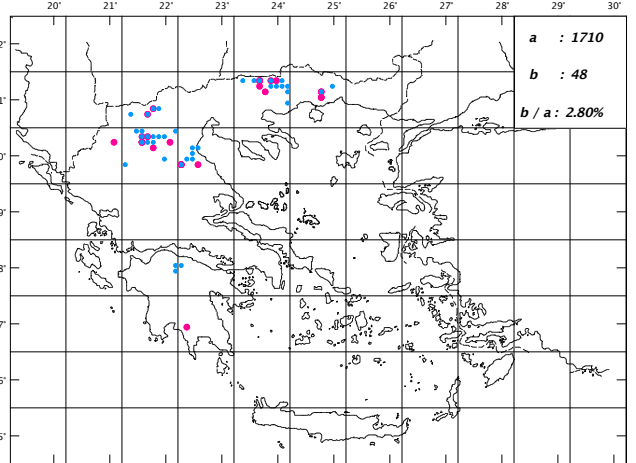
**PIERIDAE *Pontia chloridice***

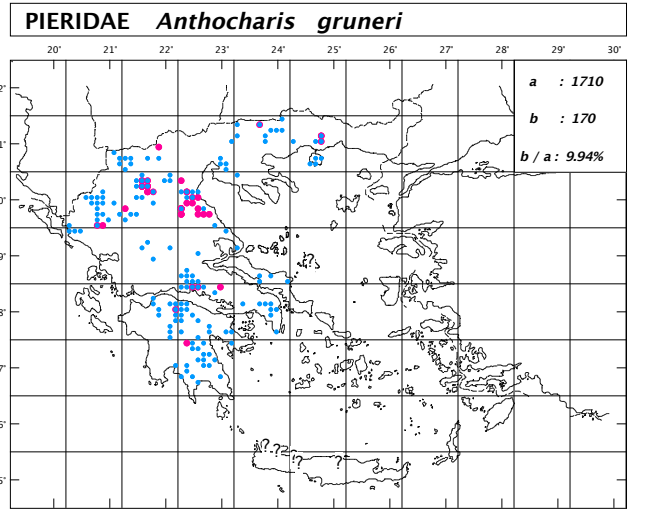
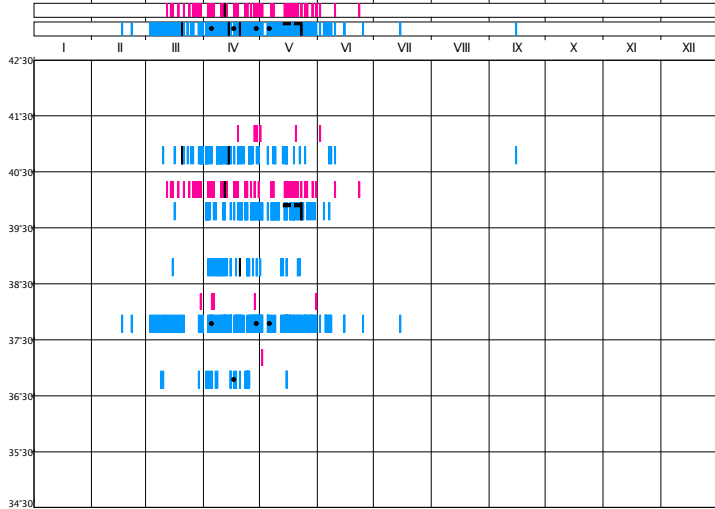
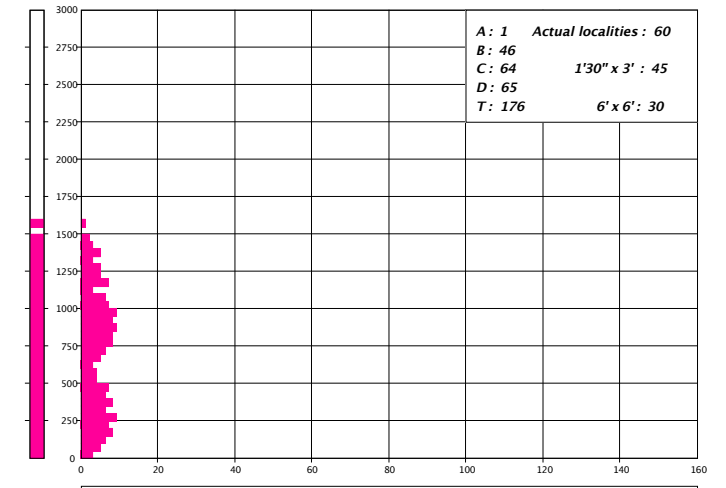
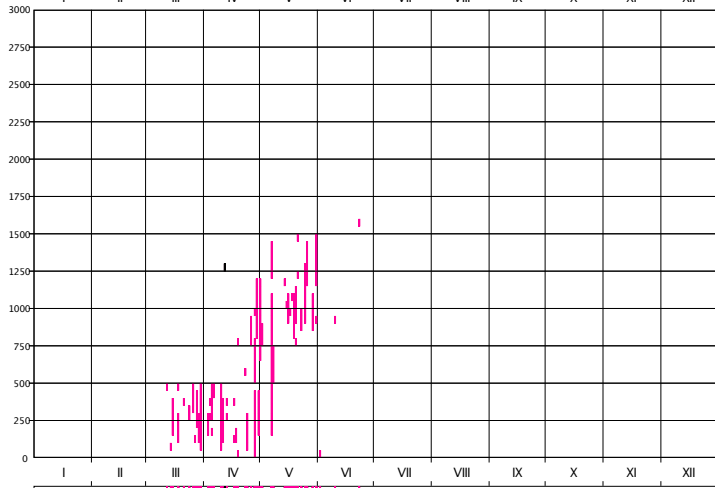
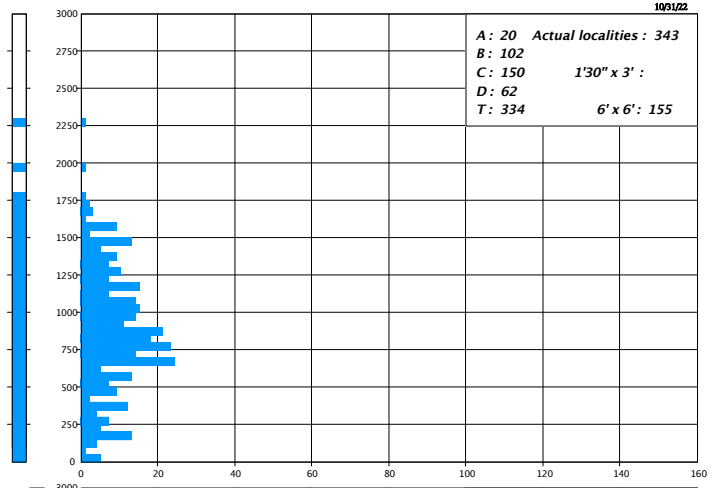
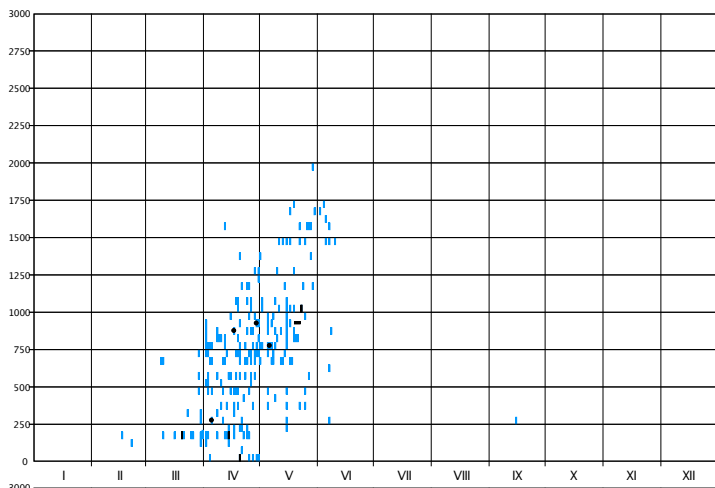


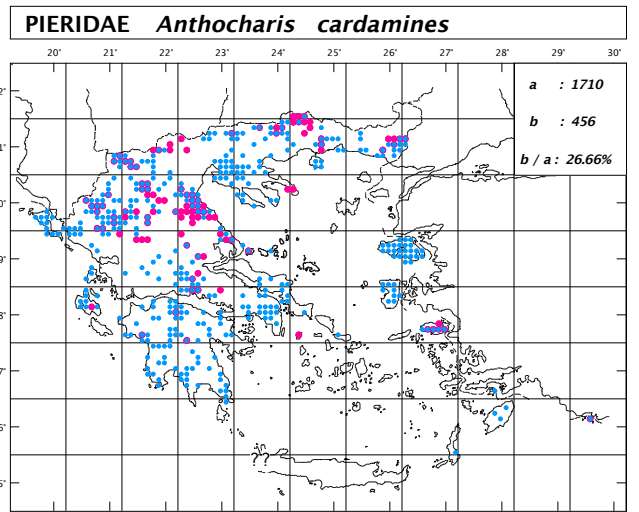
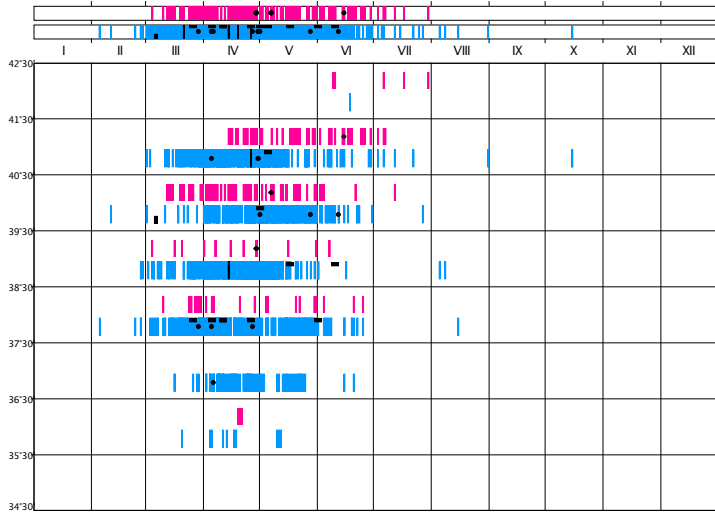
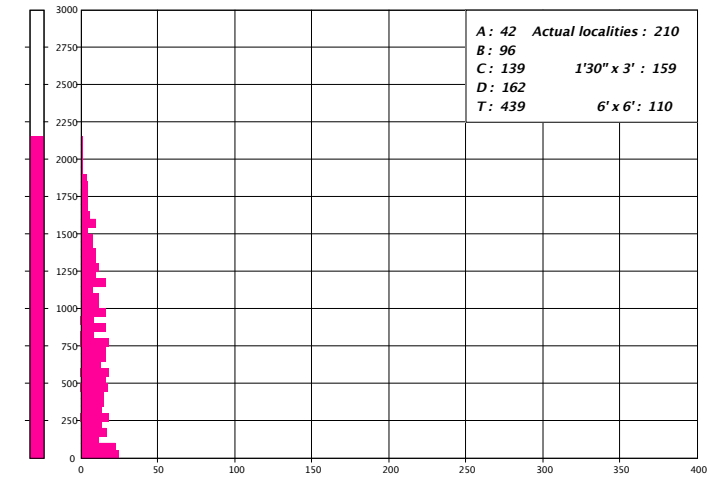
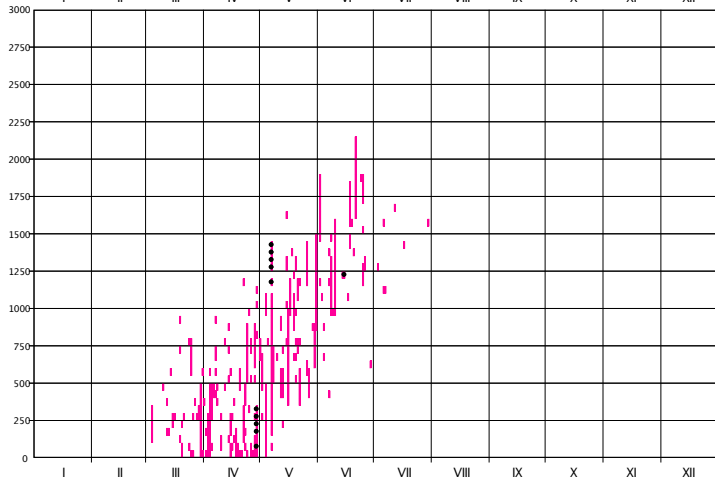
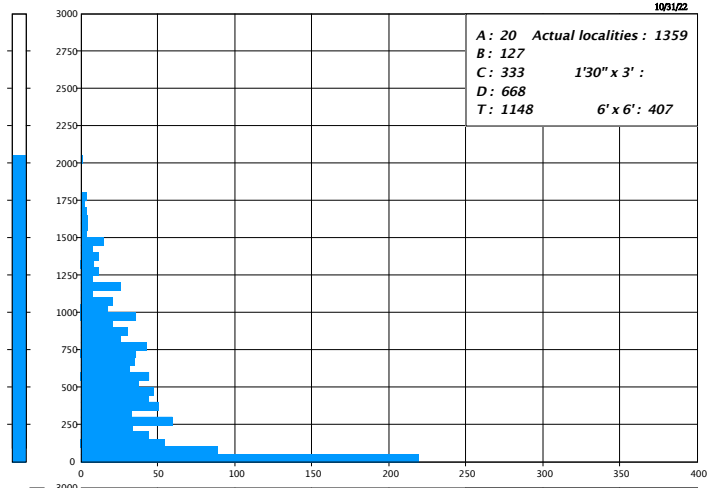
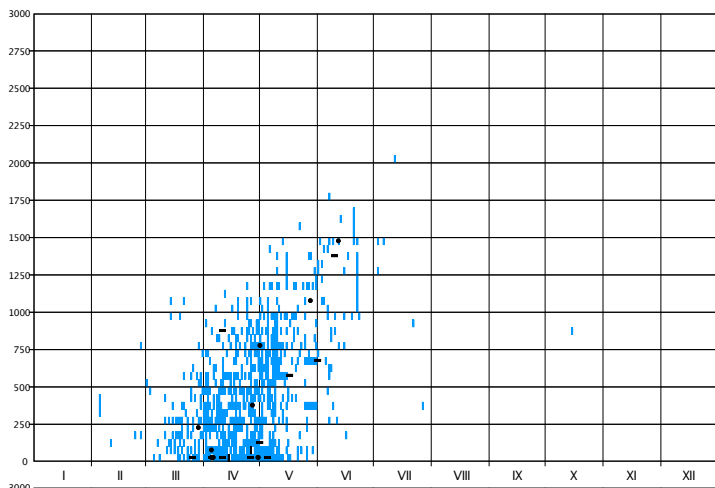




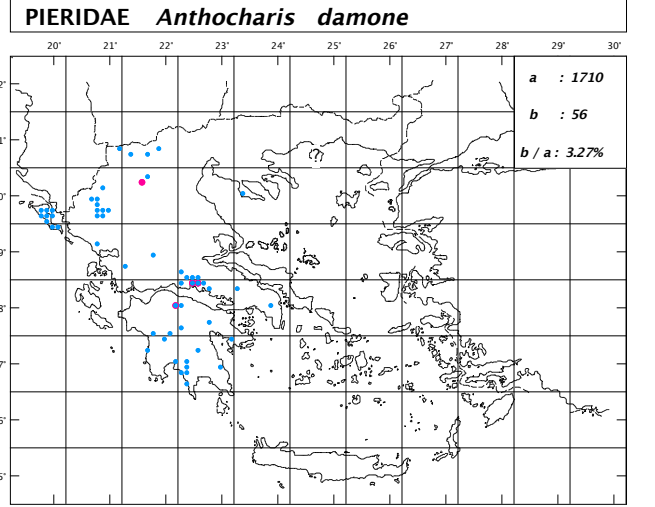
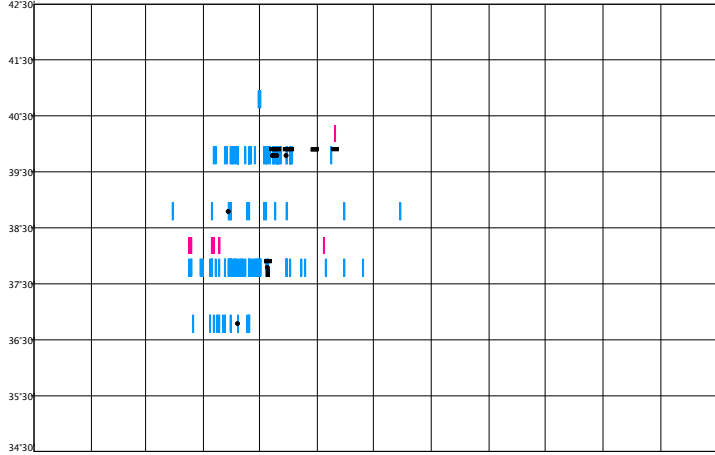
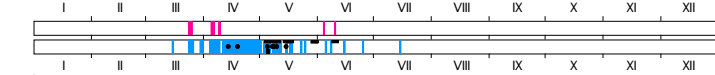
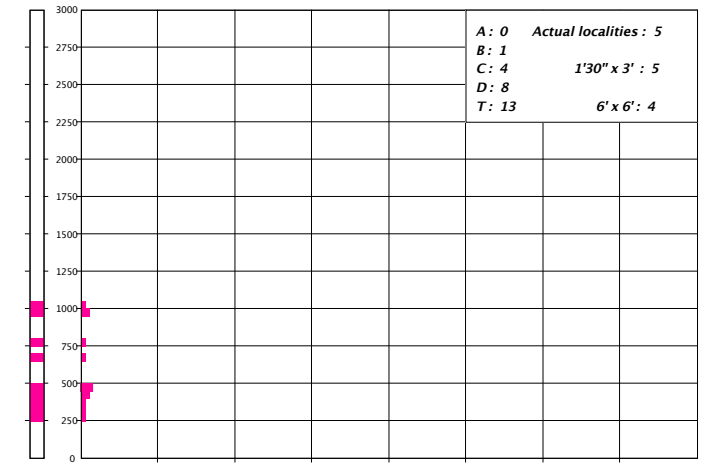
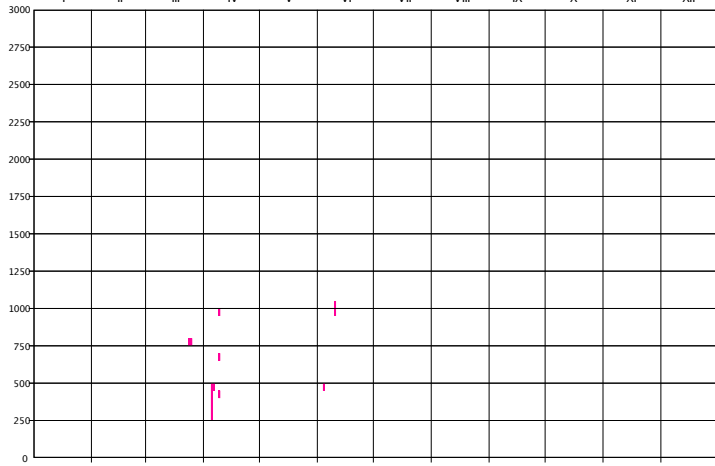
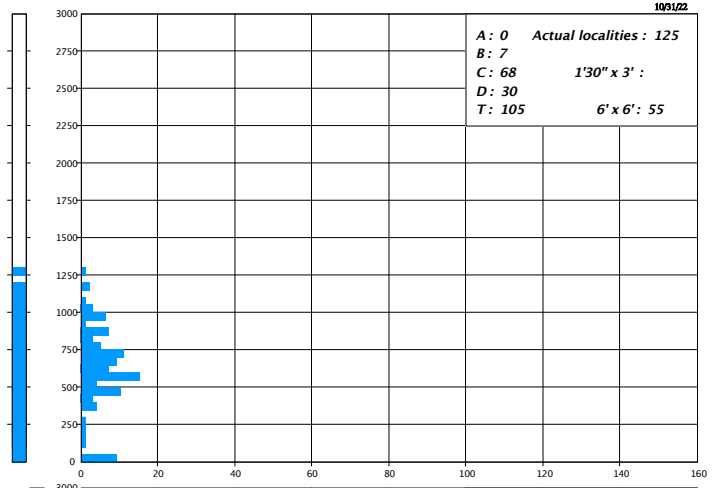
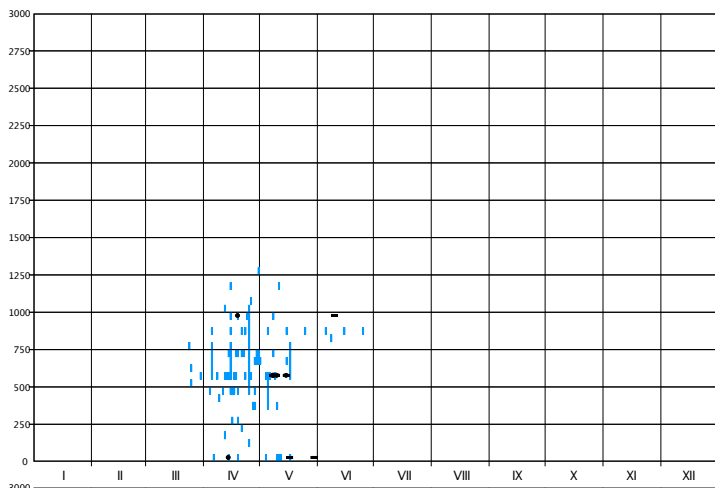
**PIERIDAE *Euchloe penia***

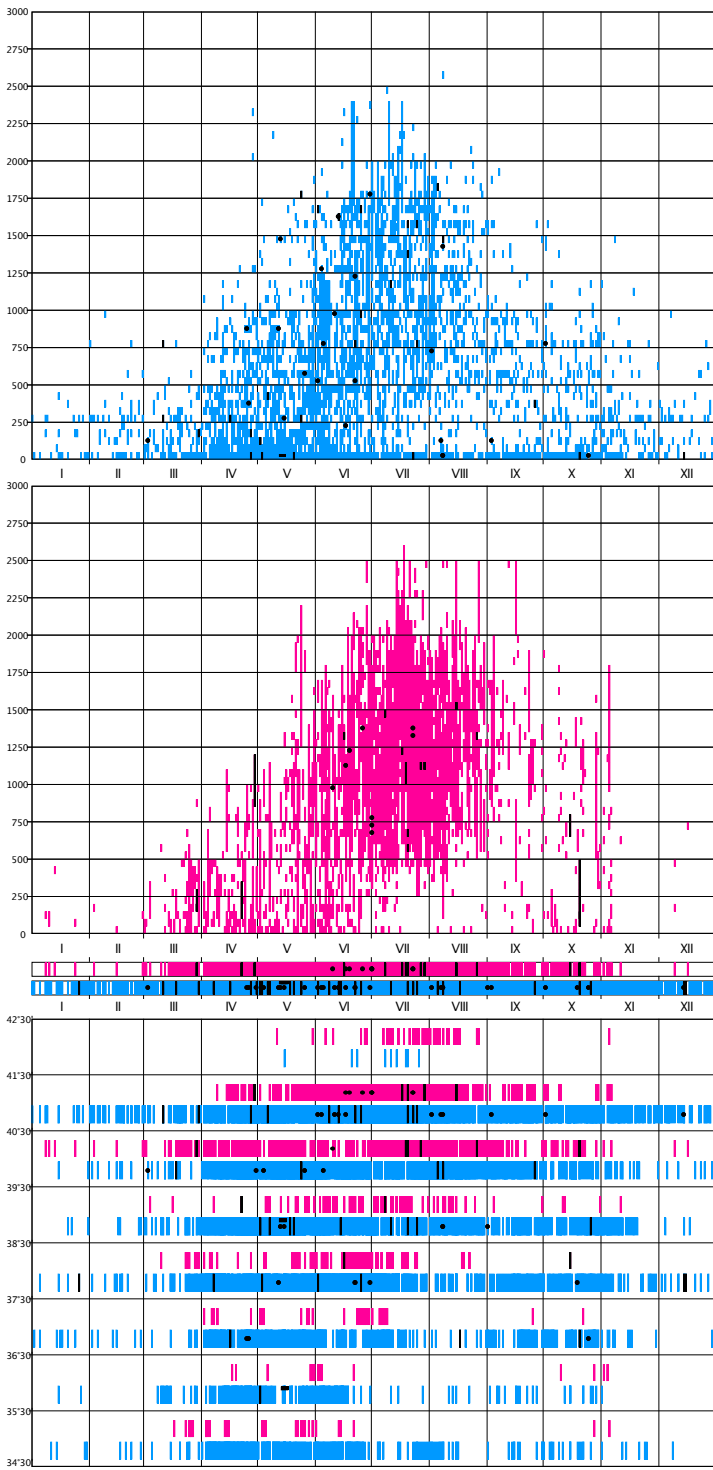




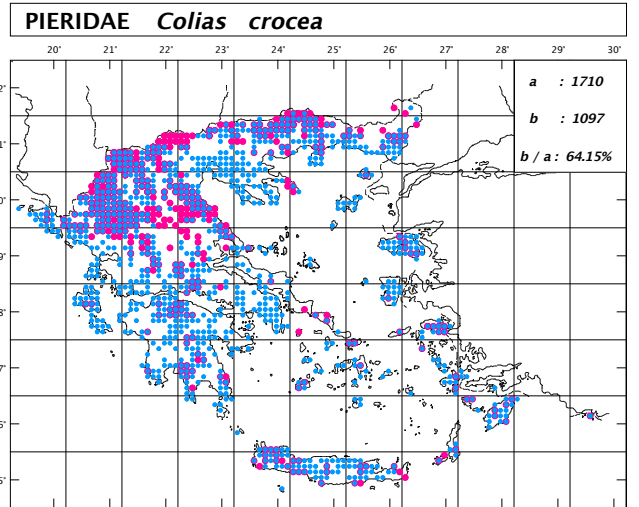
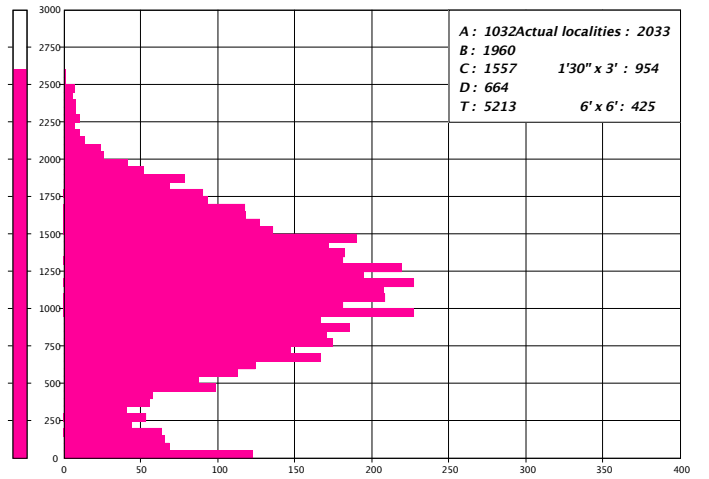
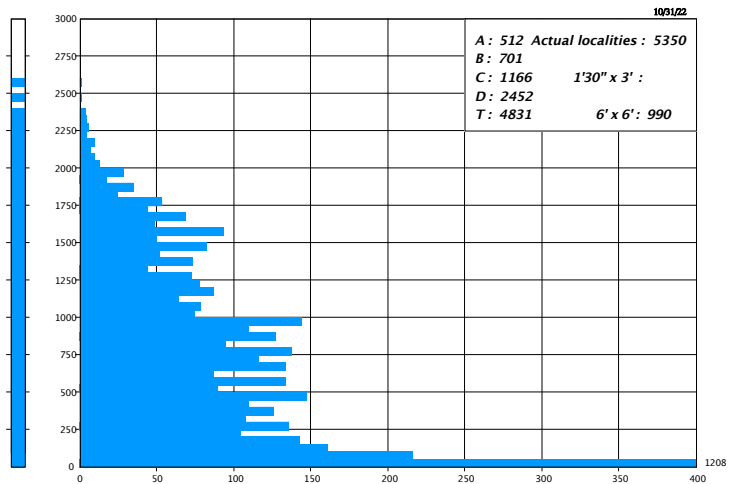




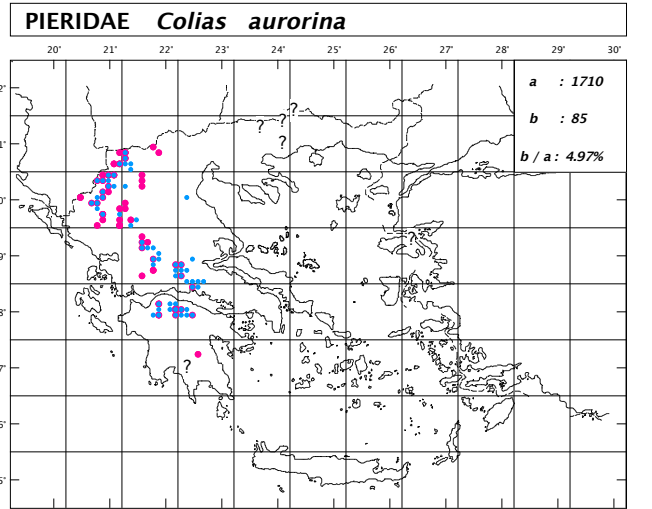
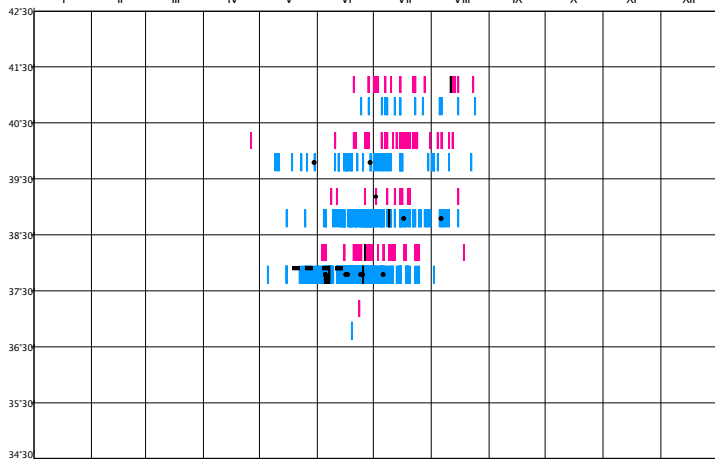
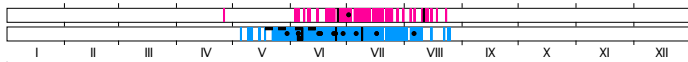
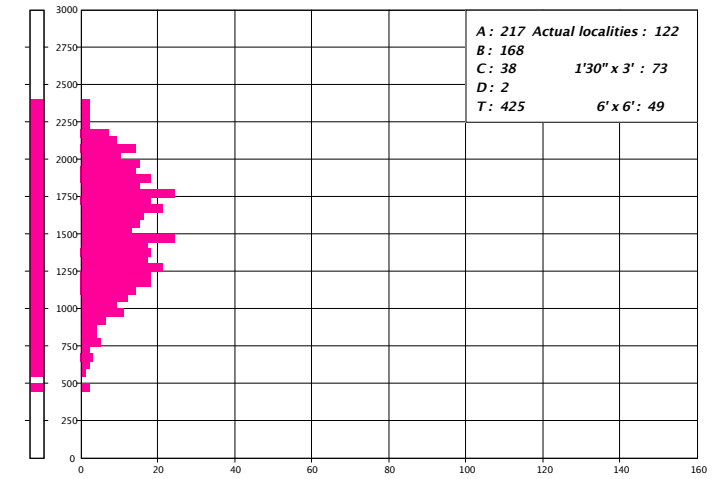
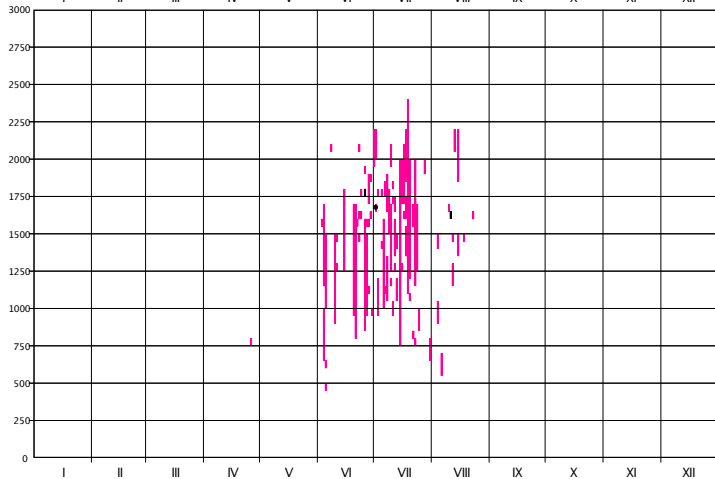
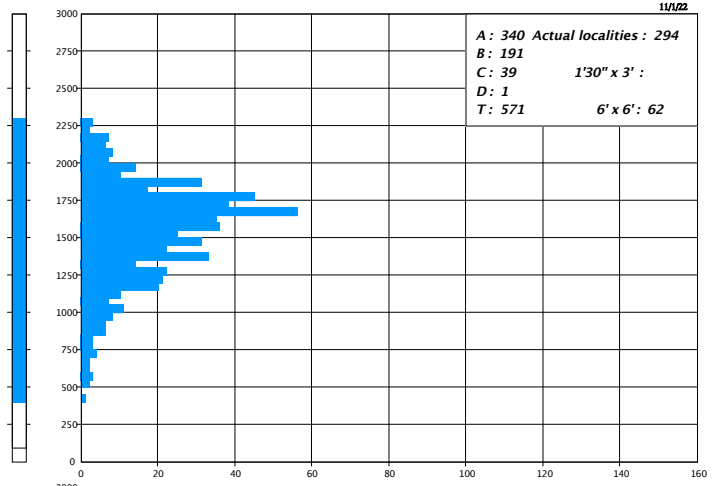
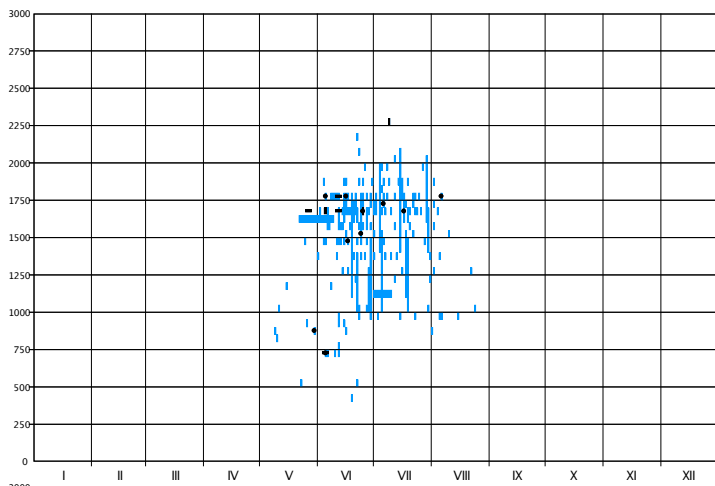


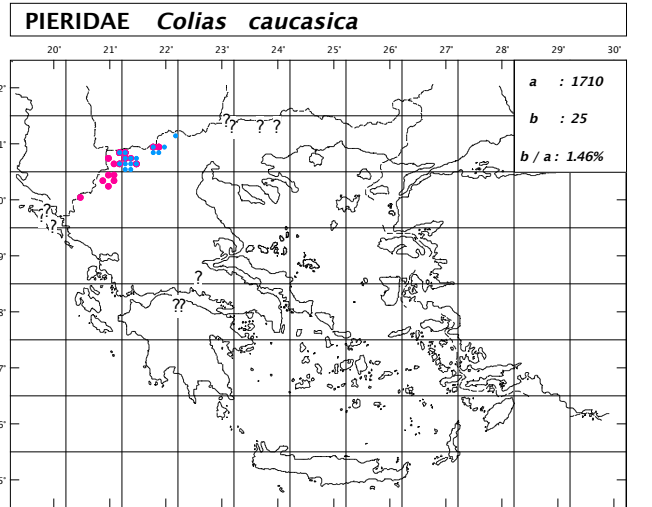
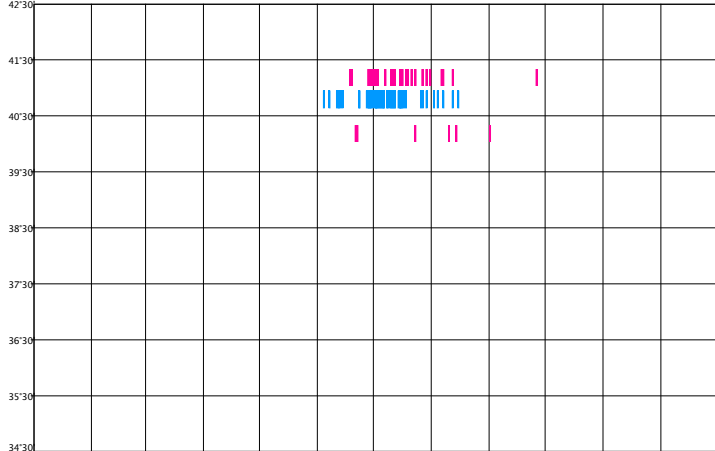
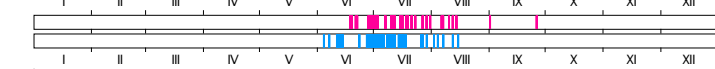
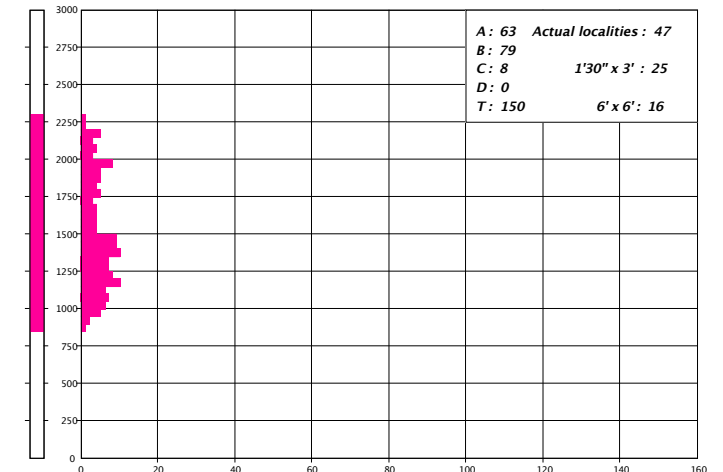
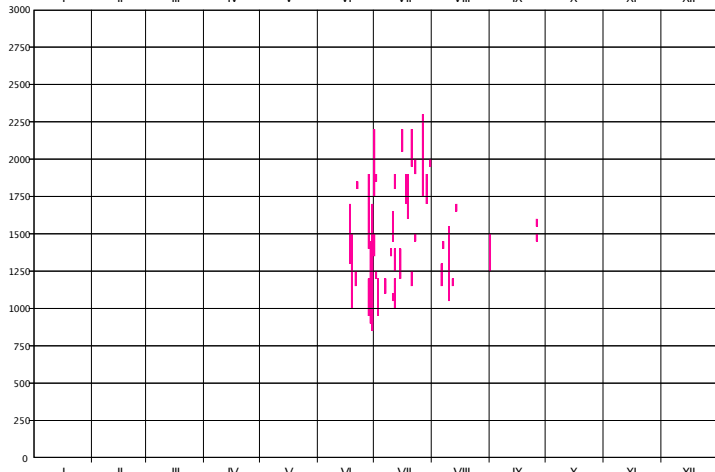
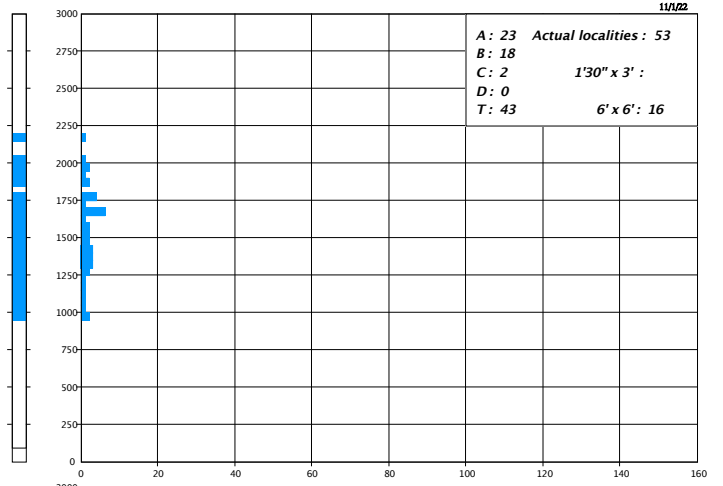
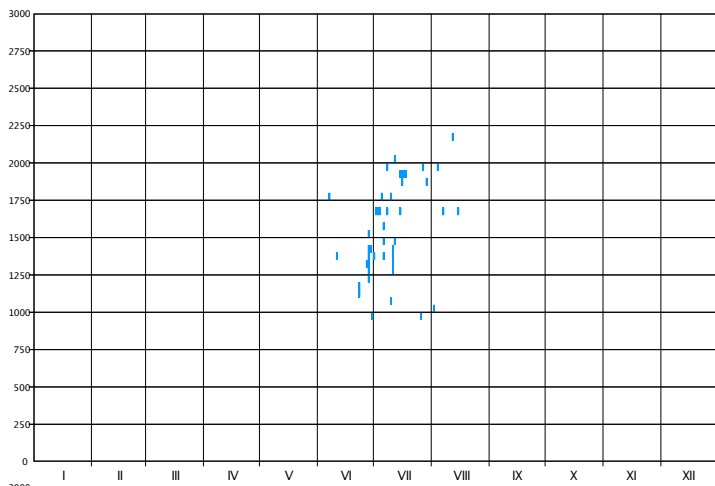


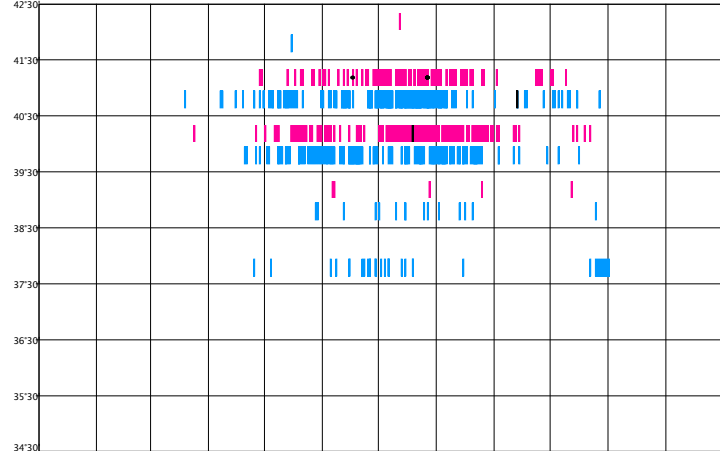
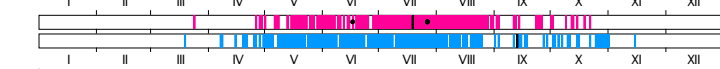
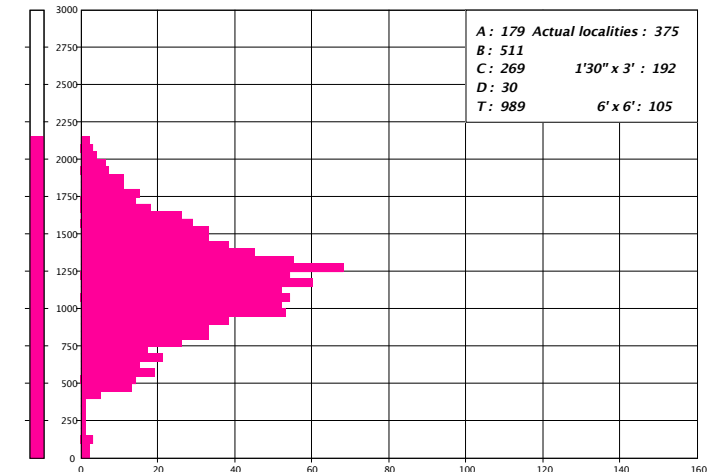
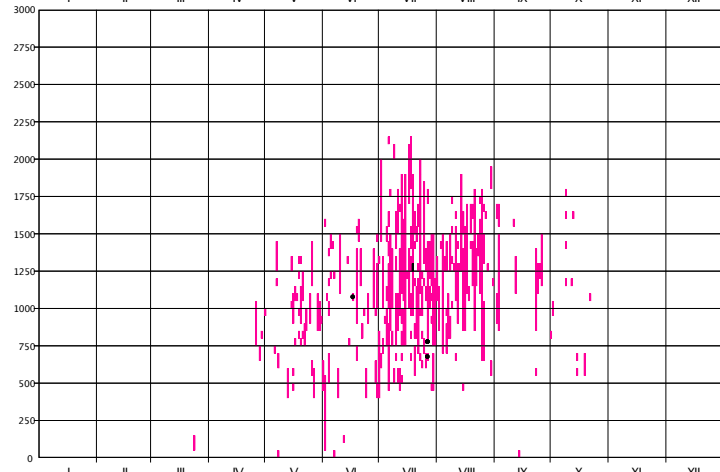
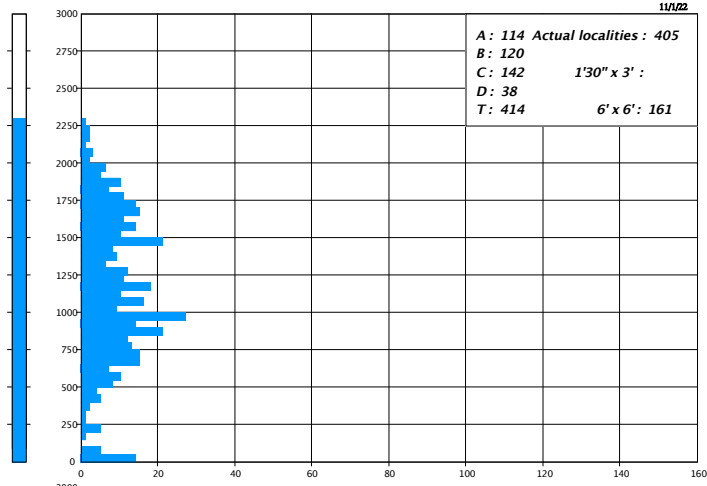
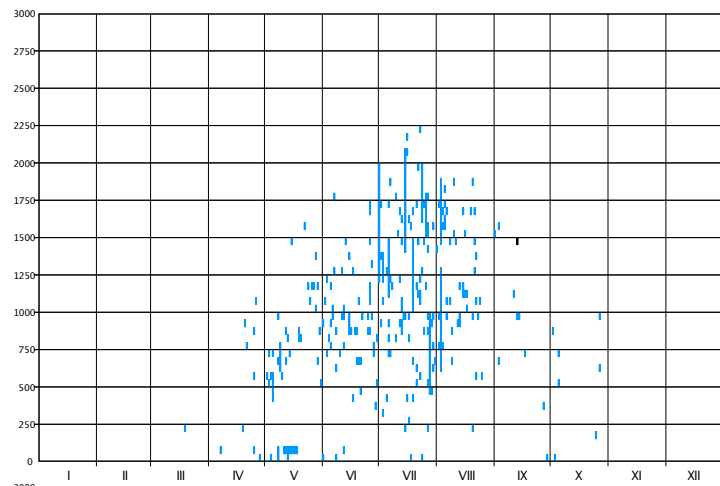
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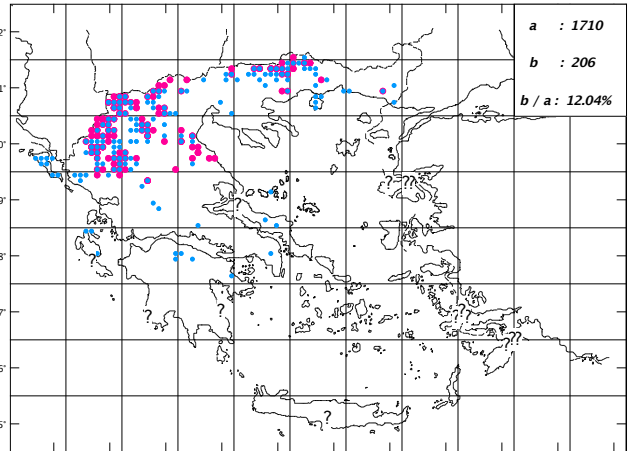
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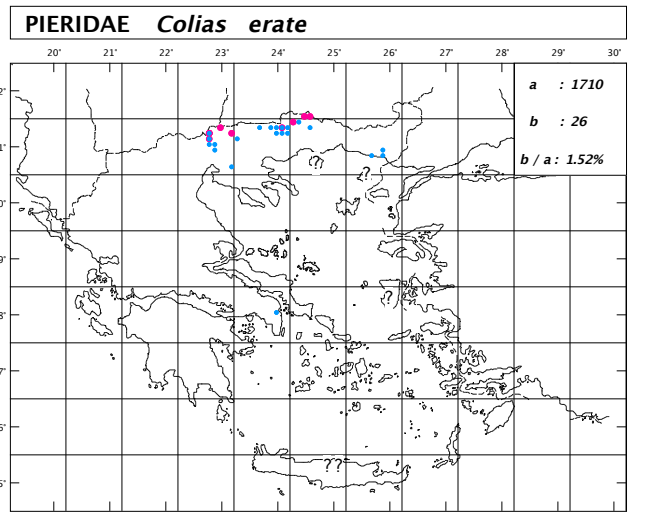
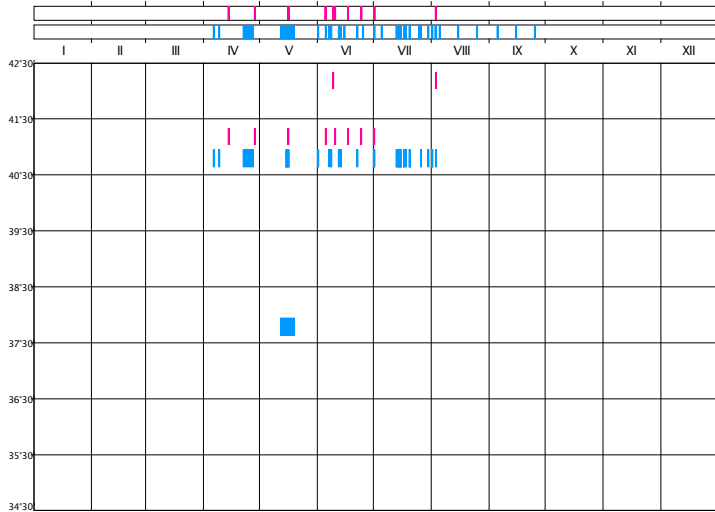
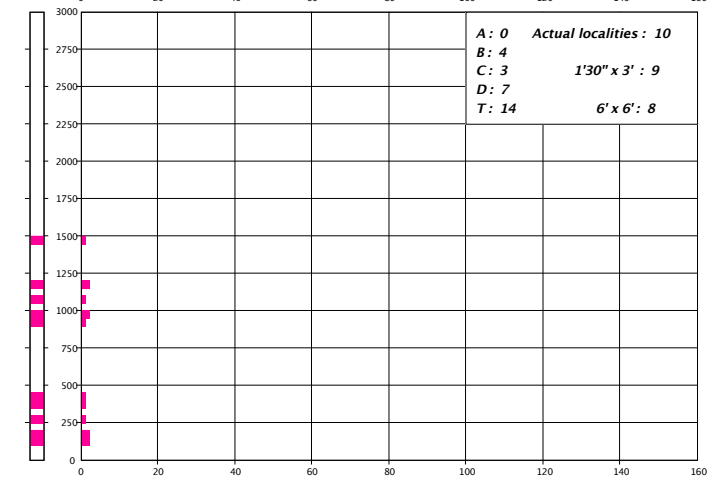
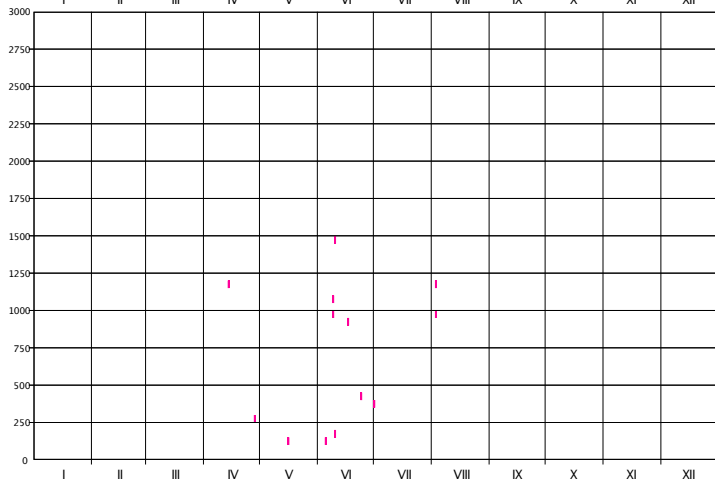
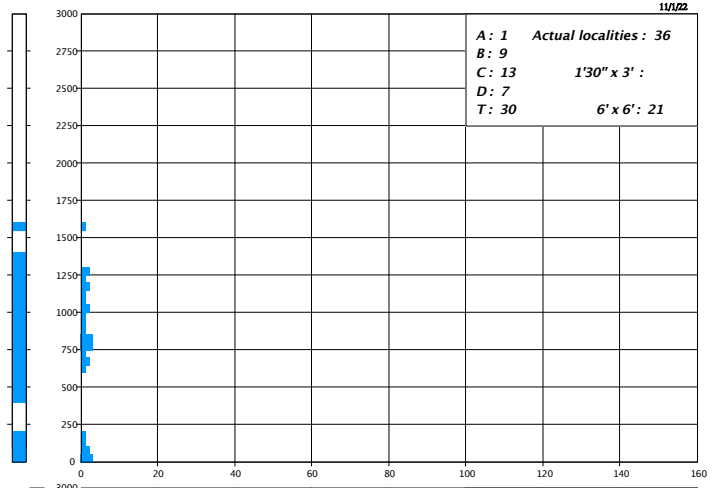
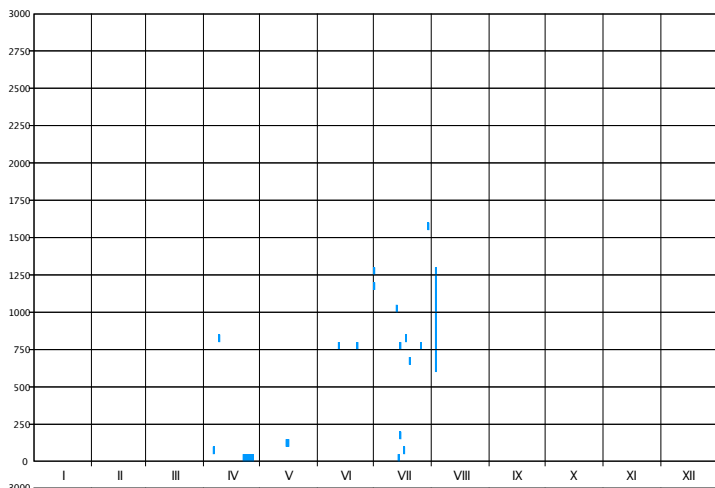






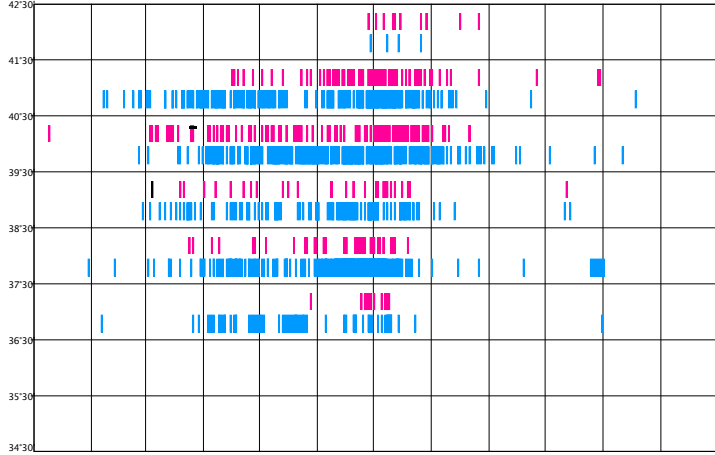
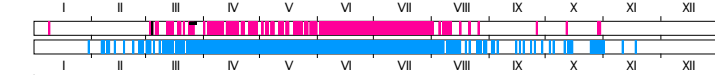
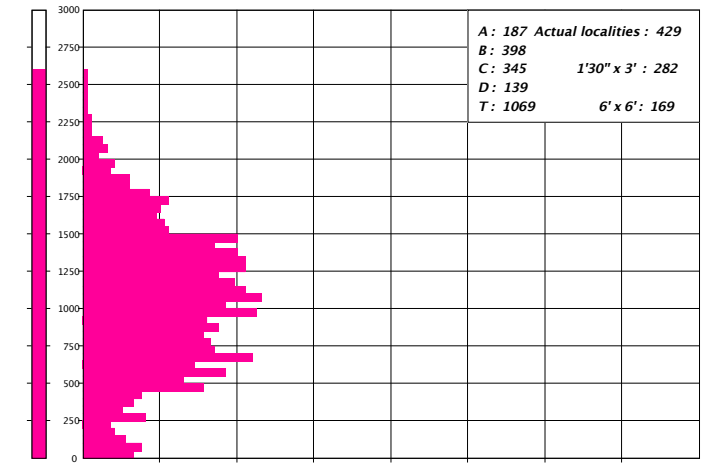
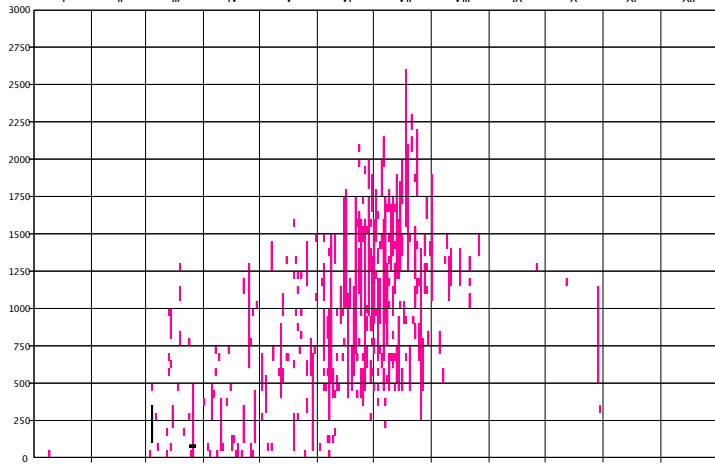
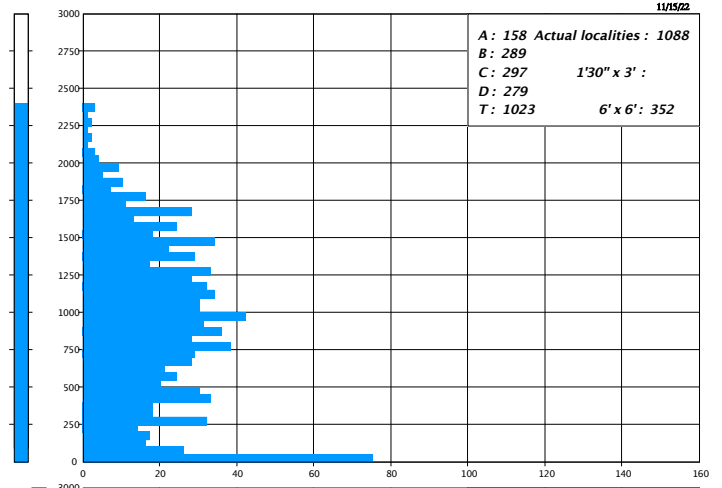
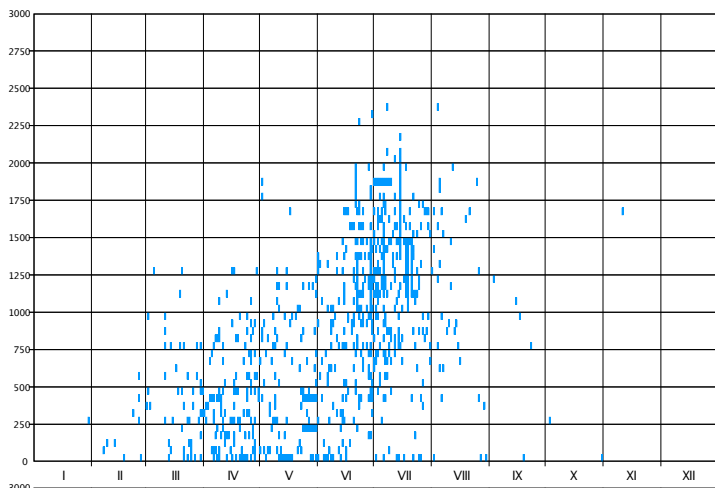
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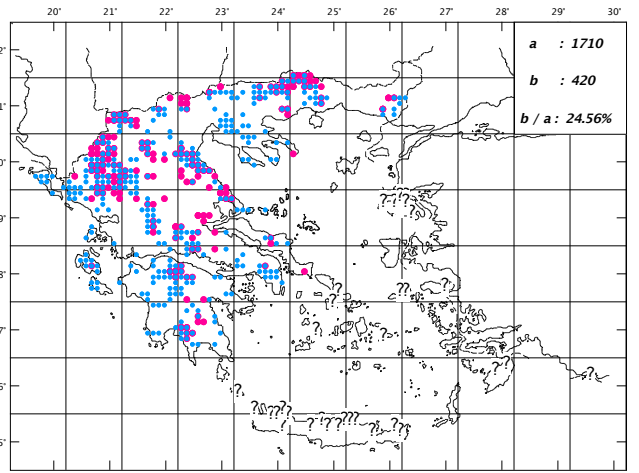


Αμφίβολη αναγνώριση / Identification Uncertain

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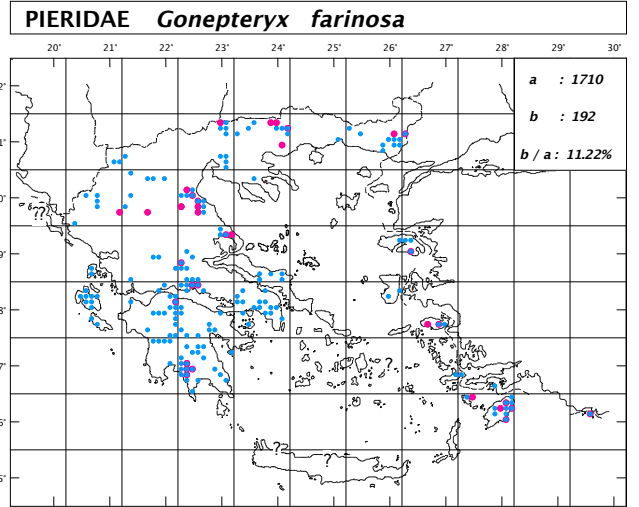
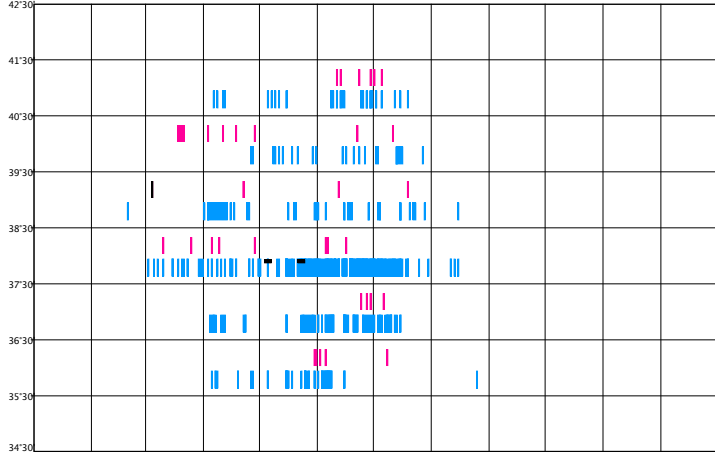
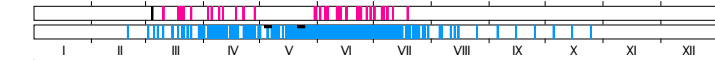
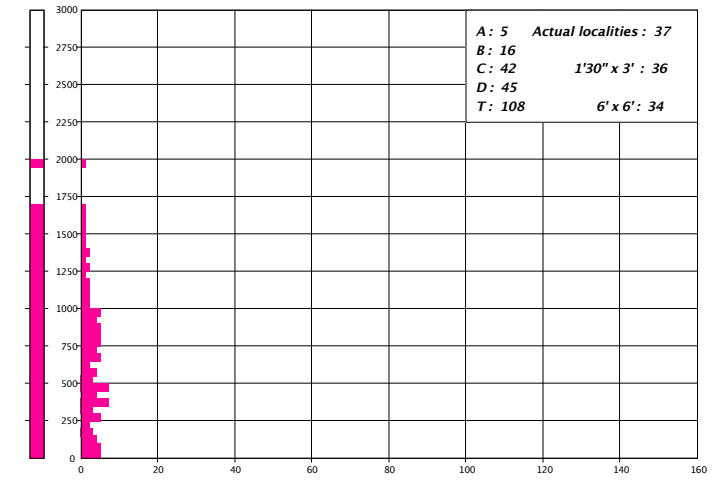
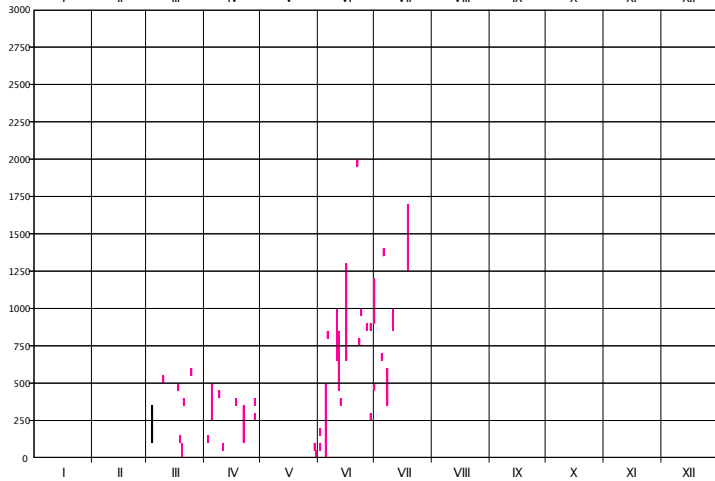
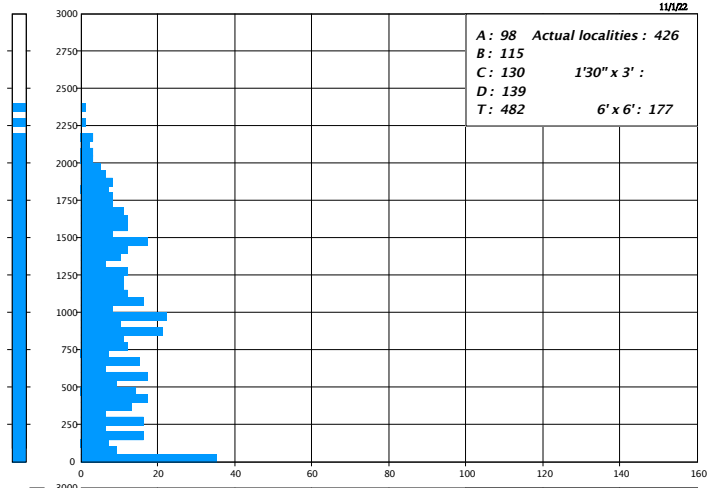
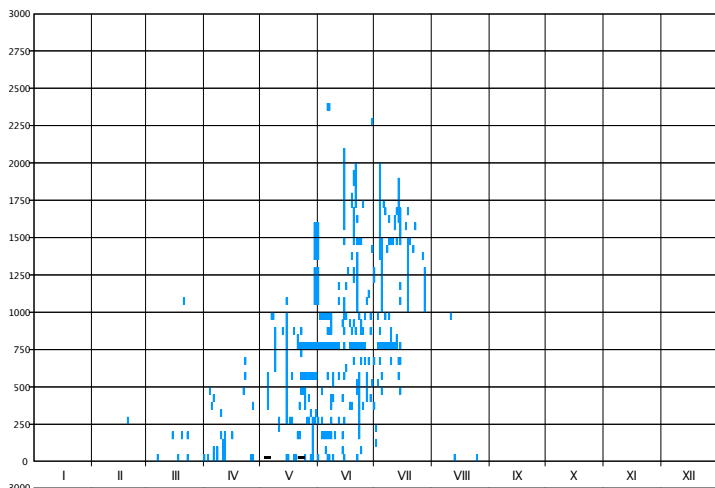


**PIERIDAE *Gonepteryx rhamni***

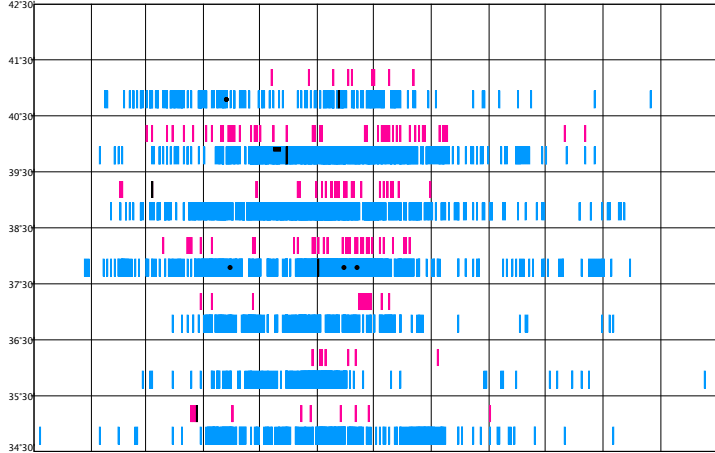
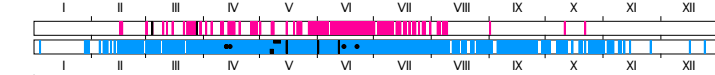
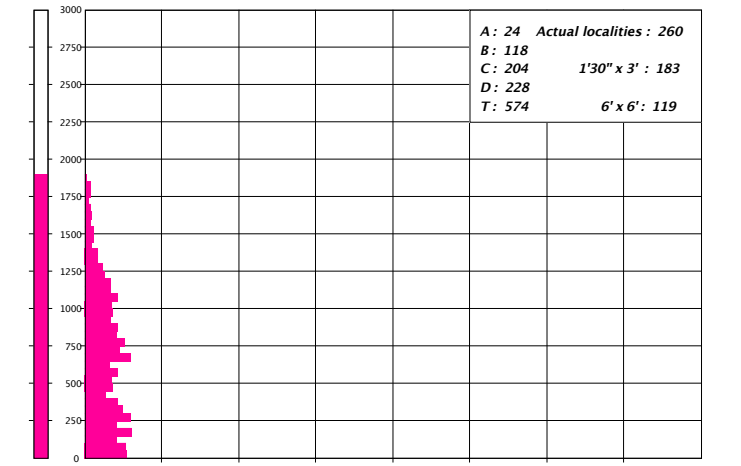
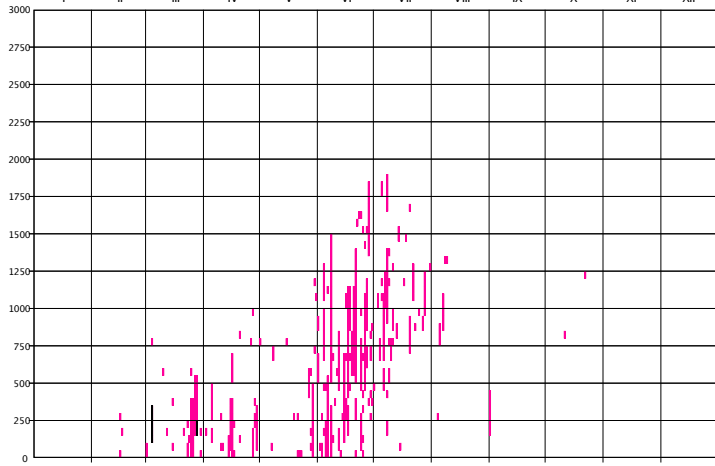
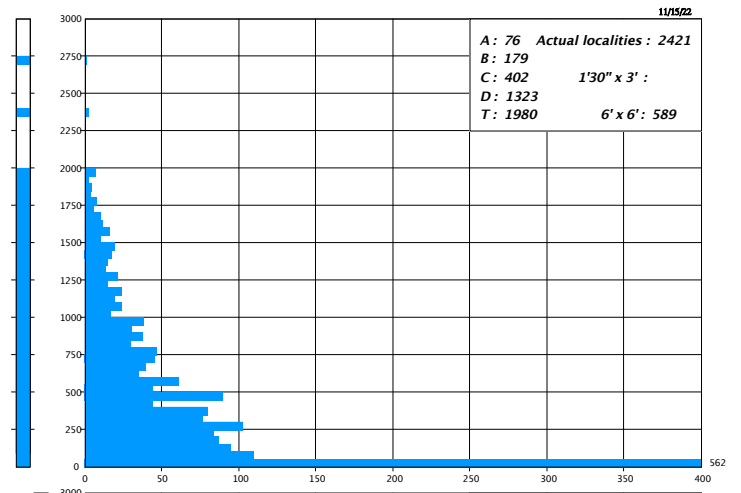
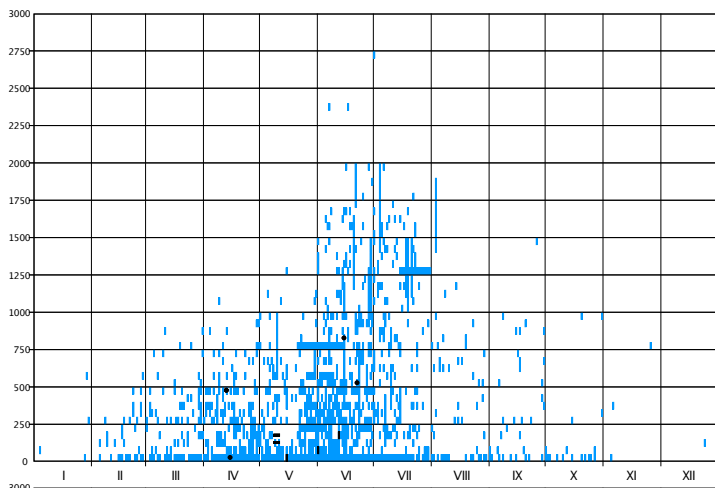


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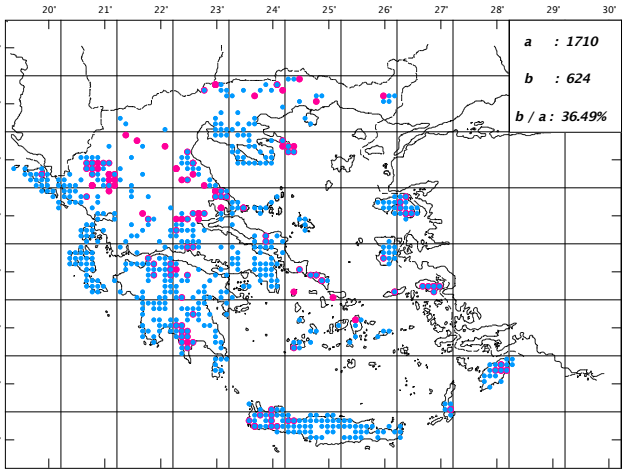




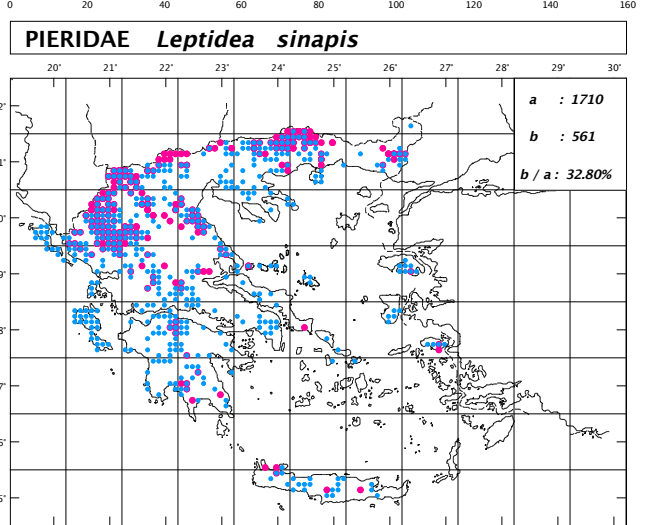
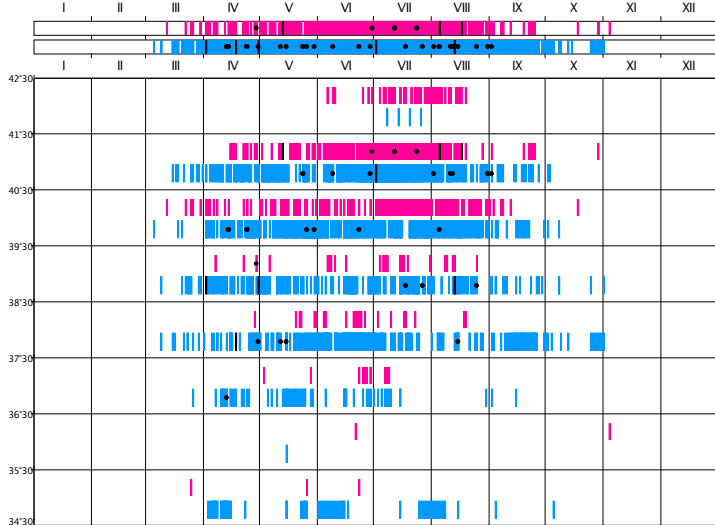
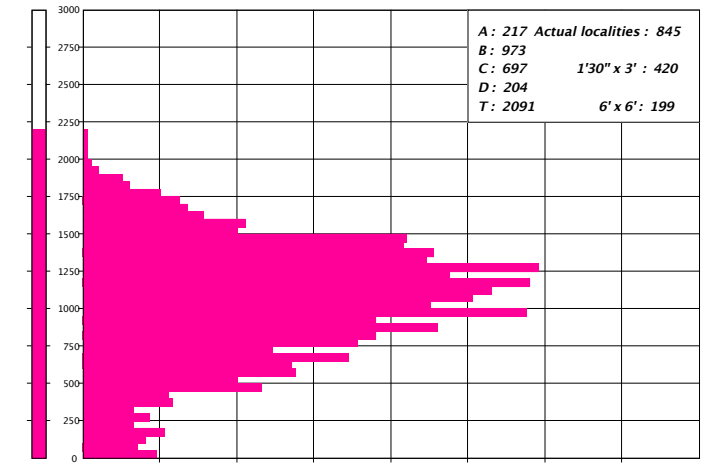
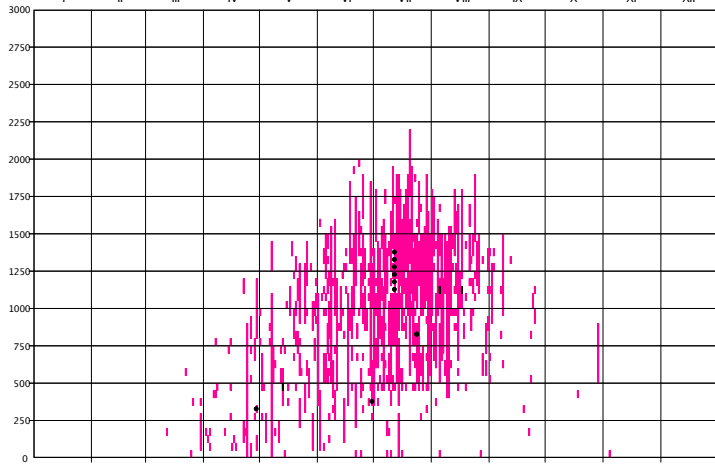
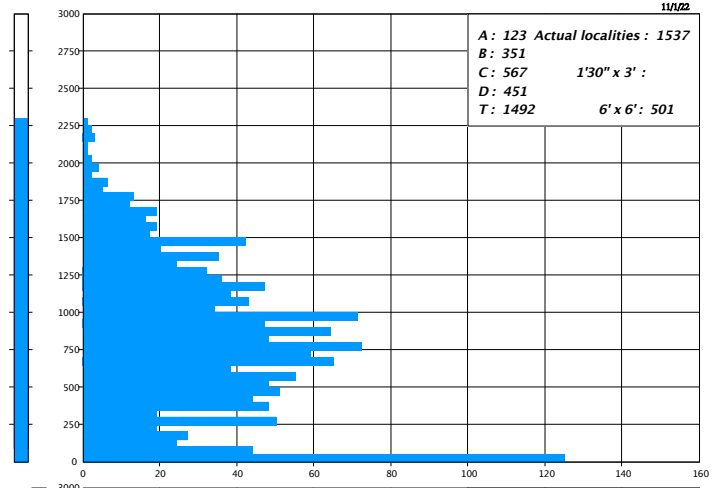
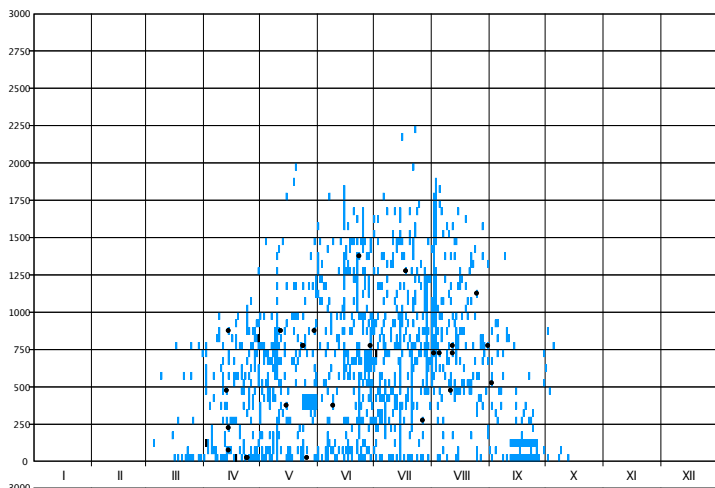
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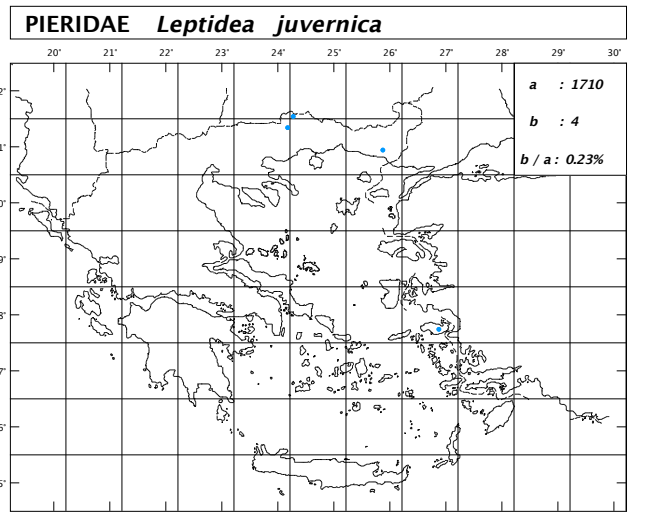
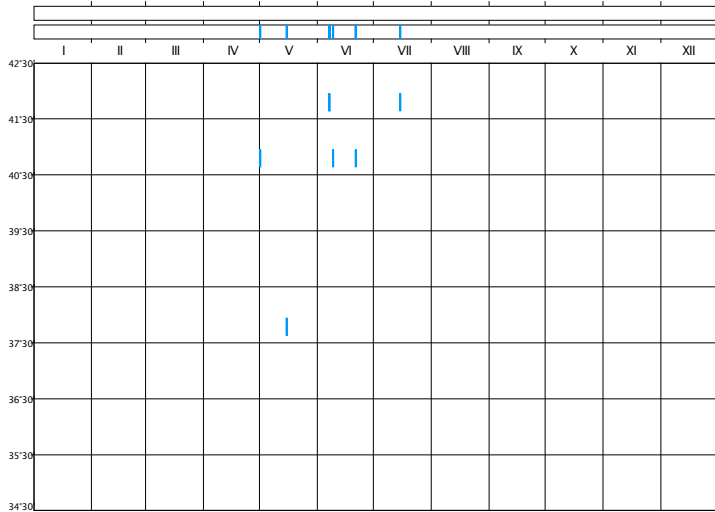
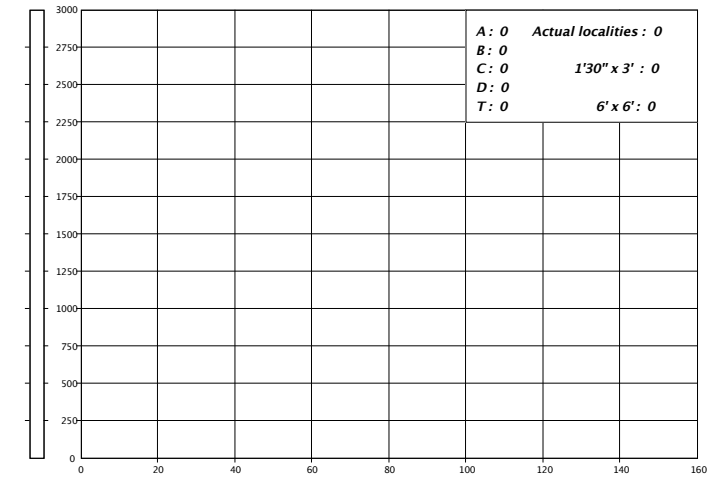
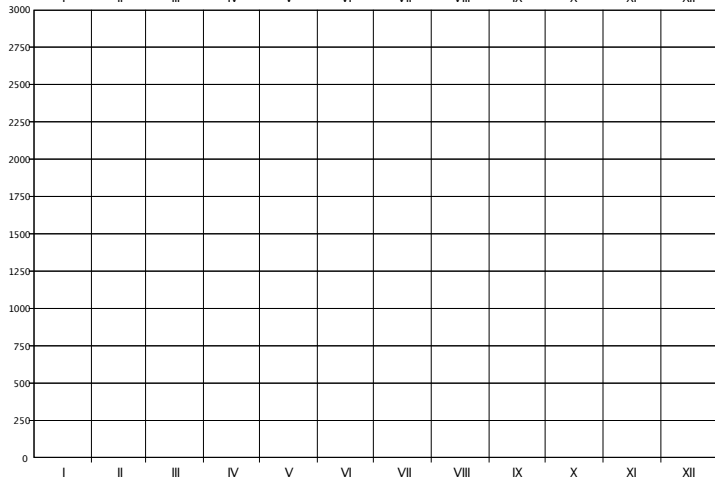
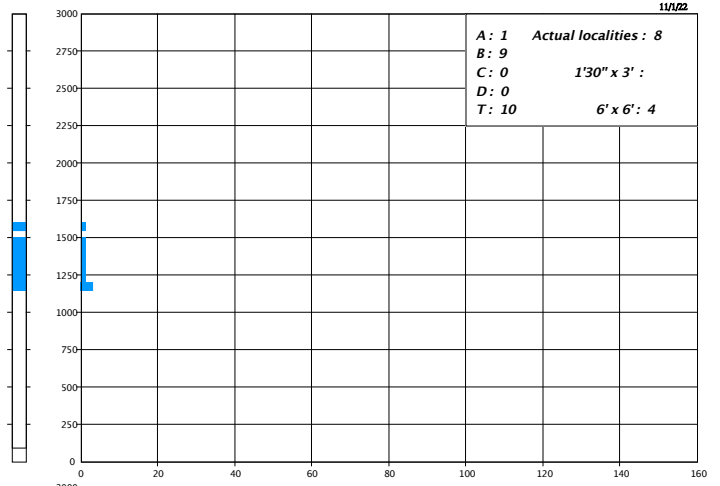
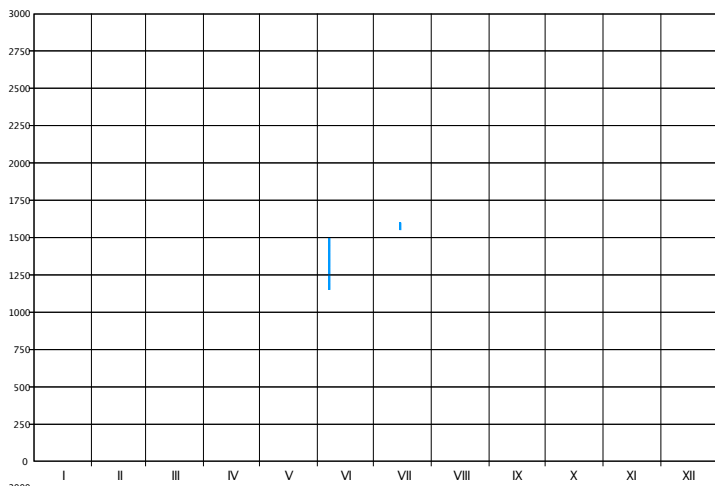


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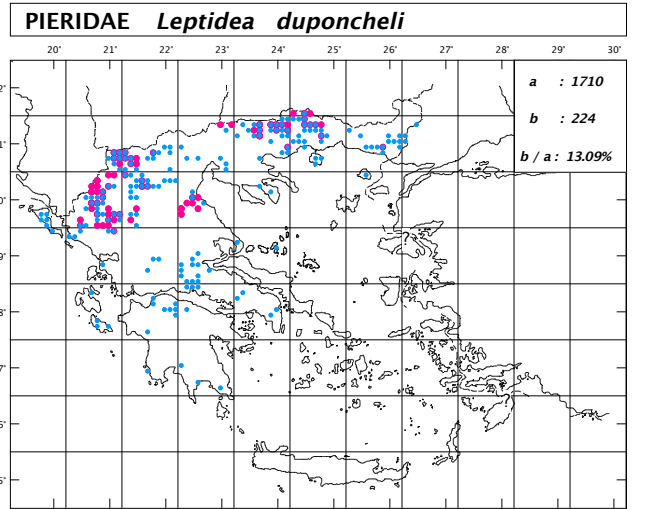
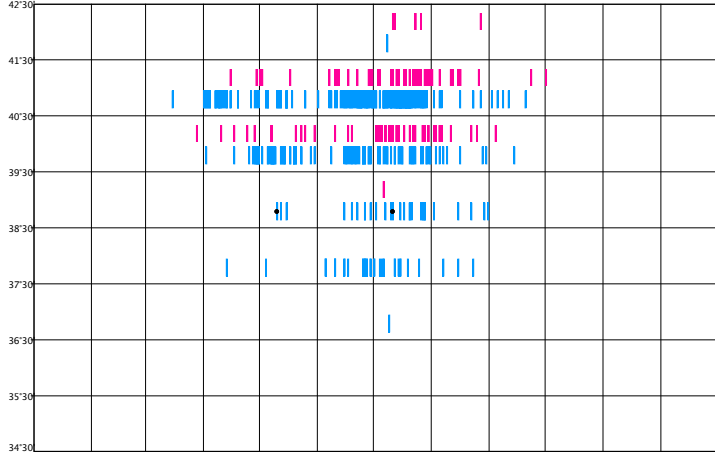
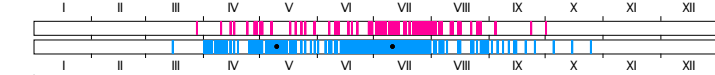
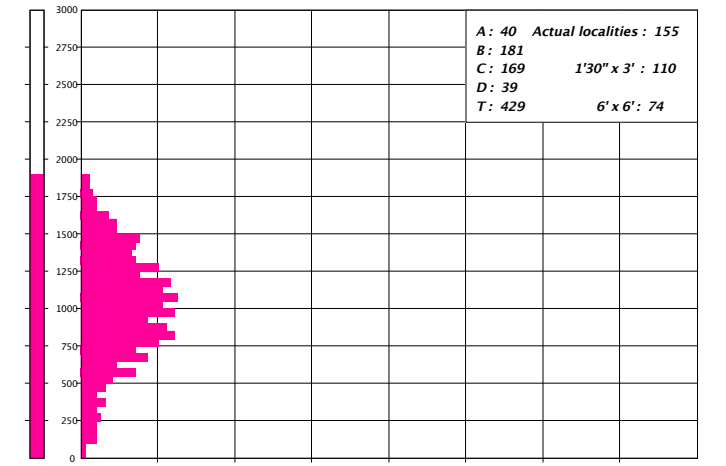
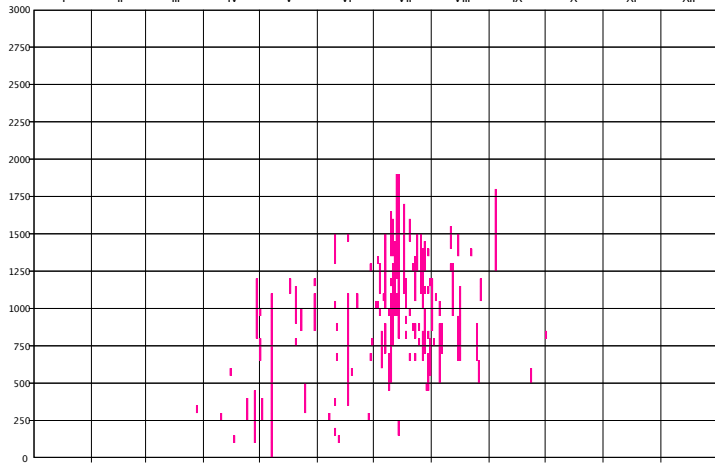
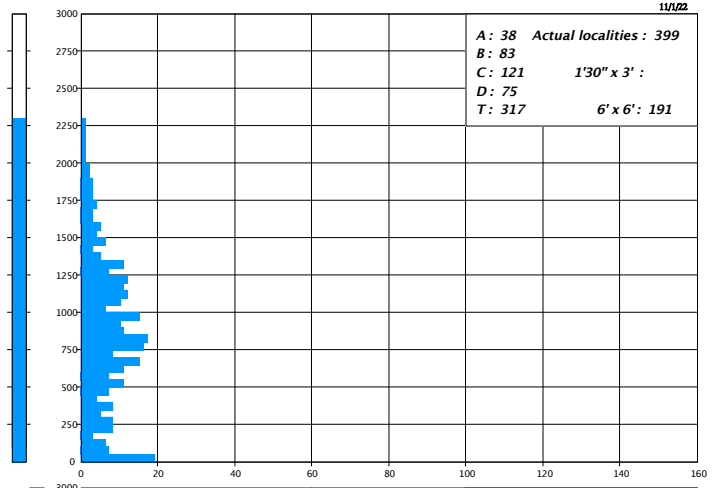
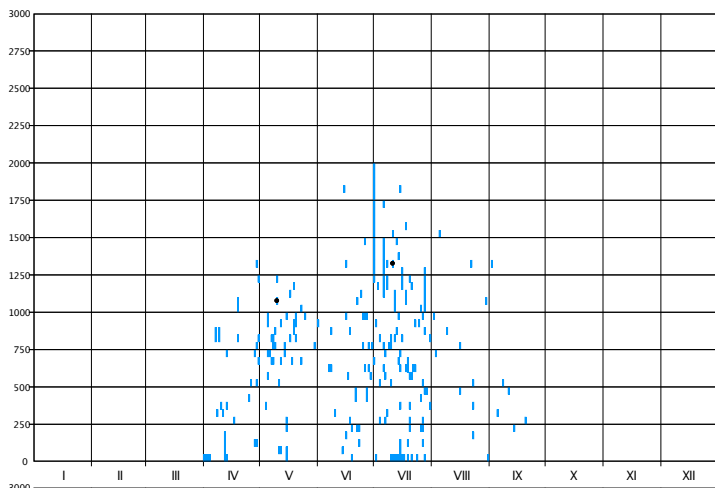
Αμφίβολη αναγνώριση / Identification Uncertain

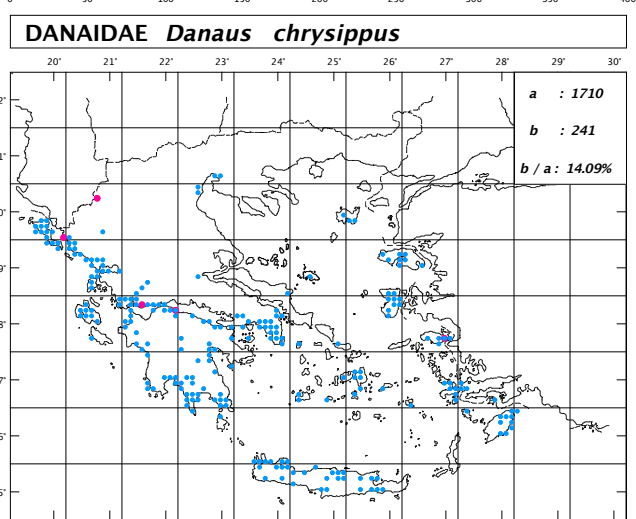
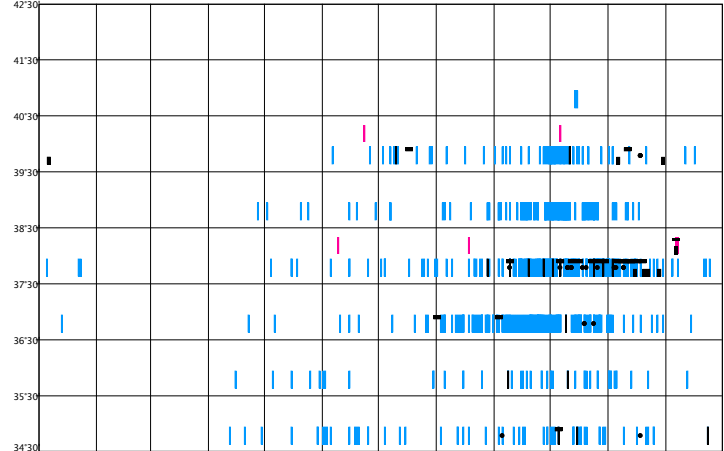
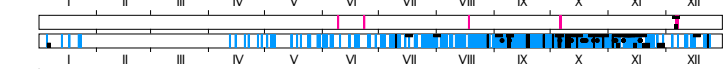
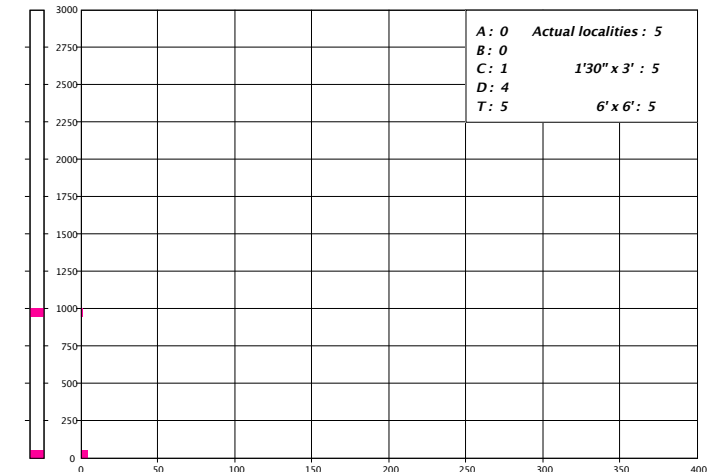
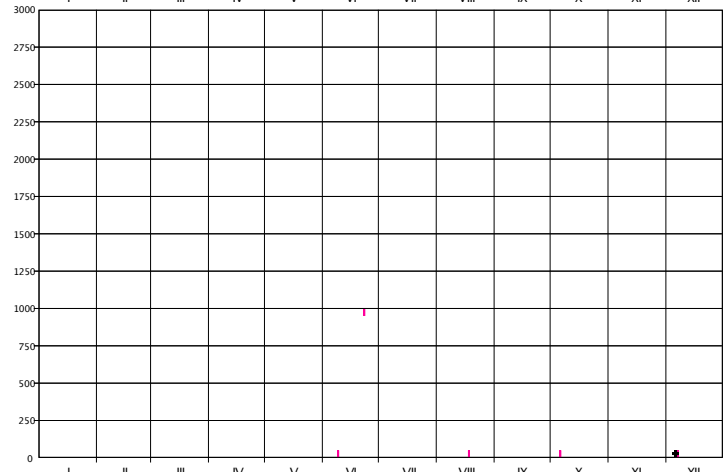
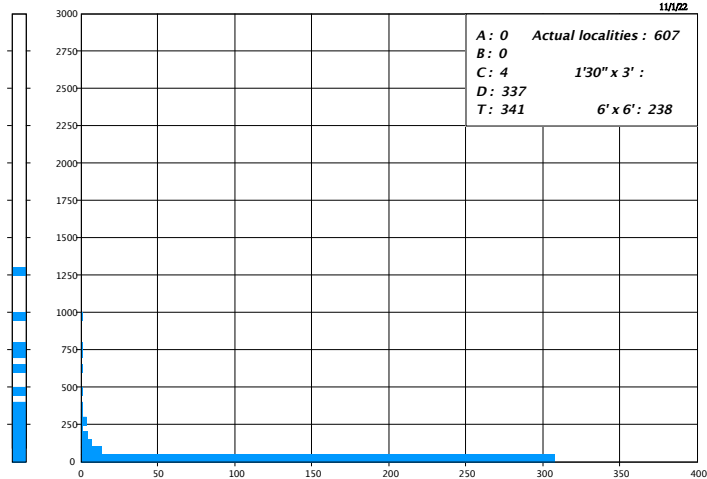
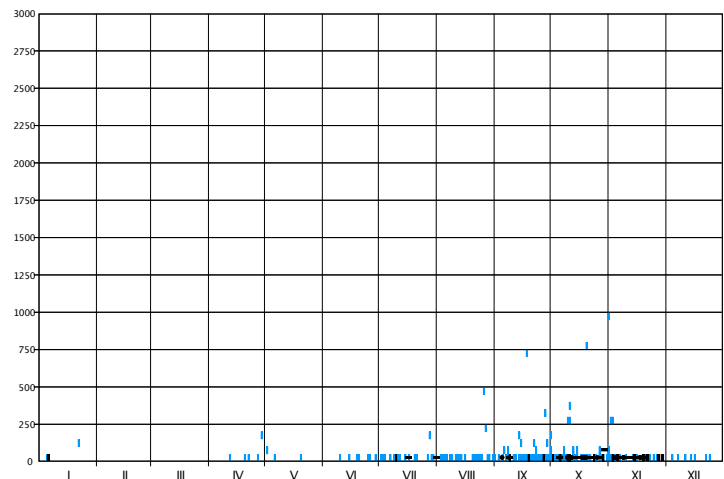
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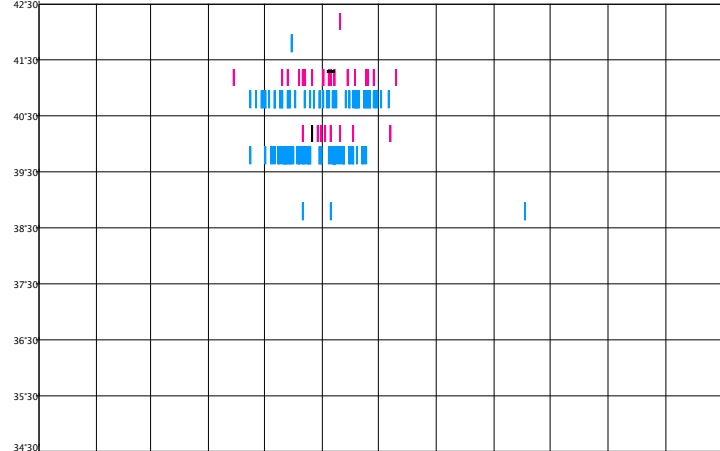
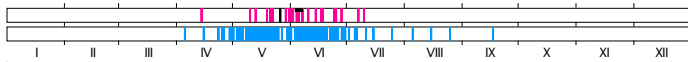
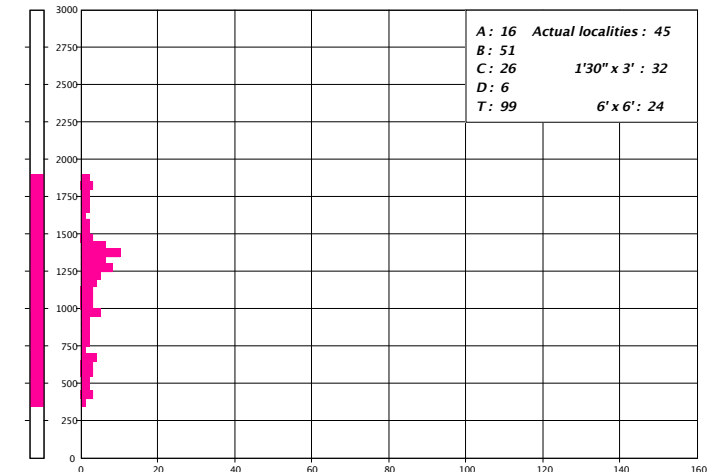
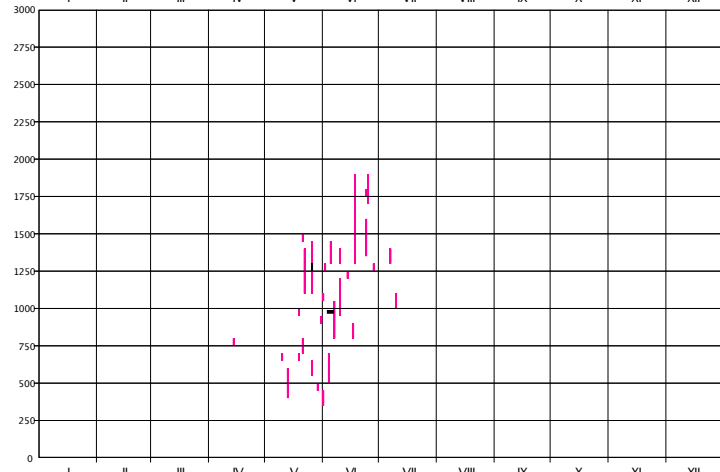
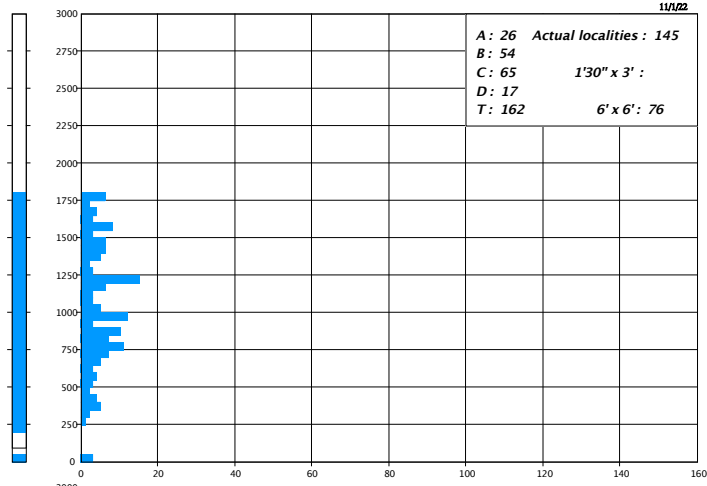
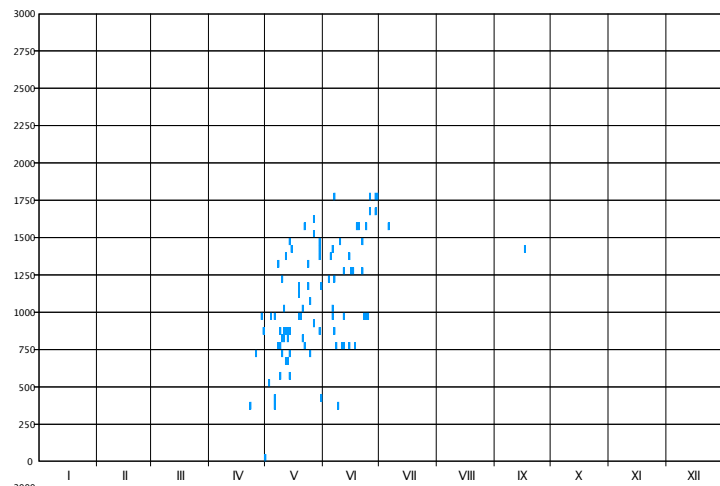


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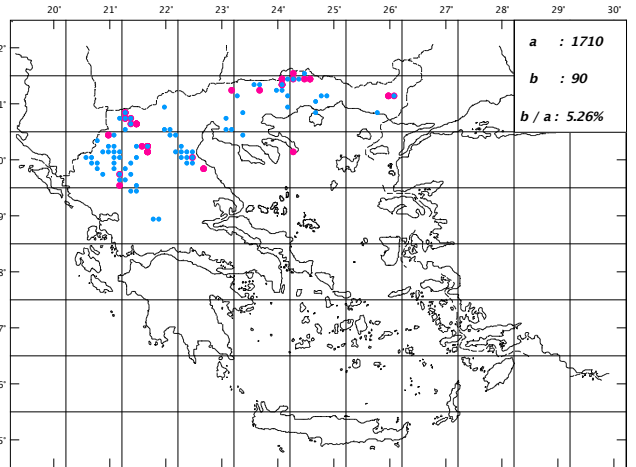
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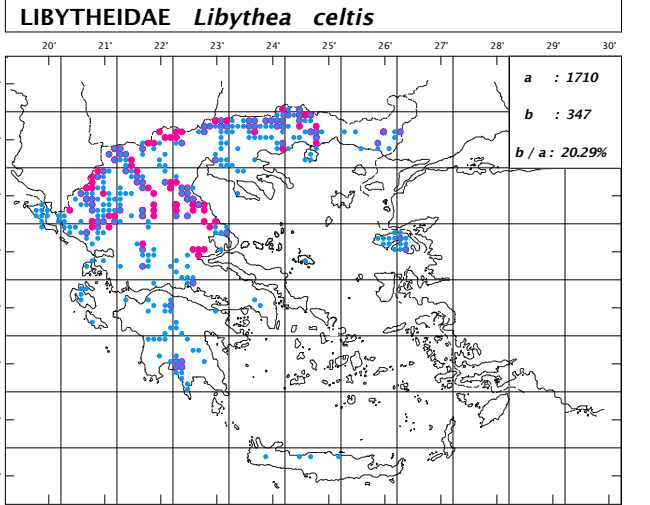
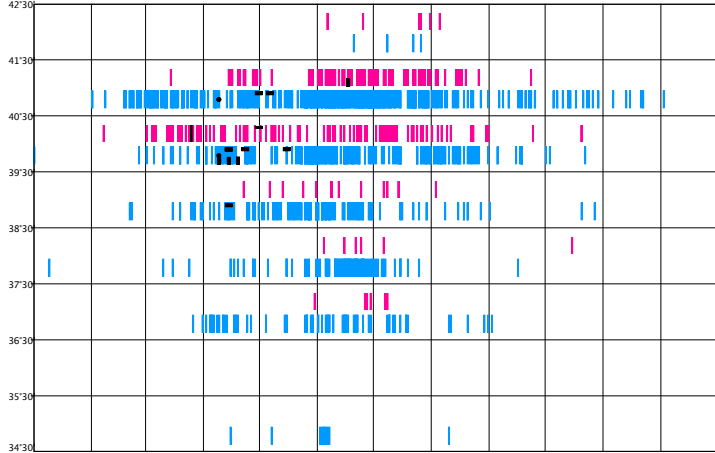
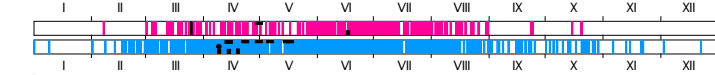
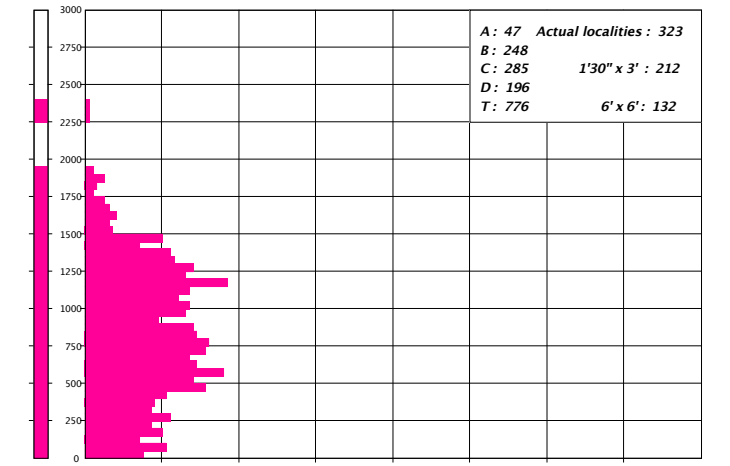
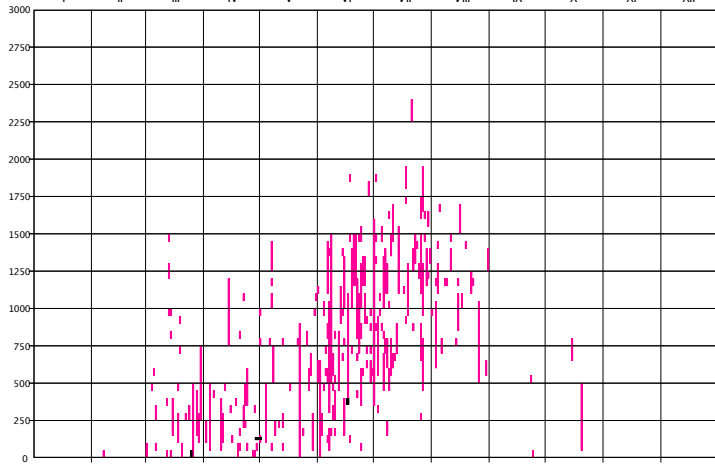
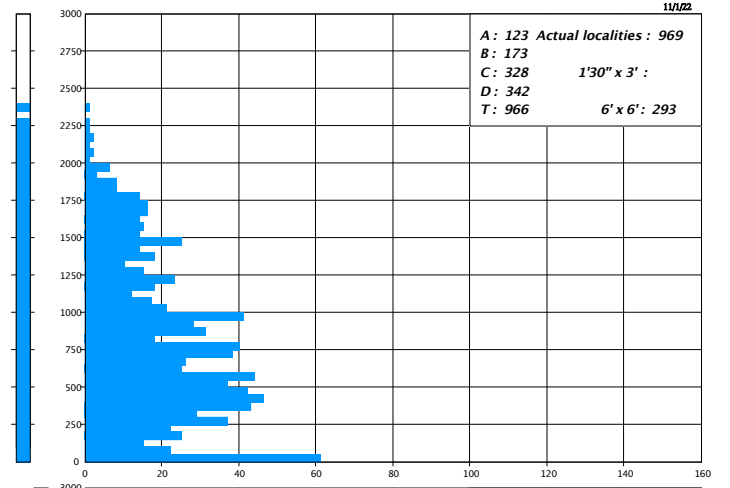
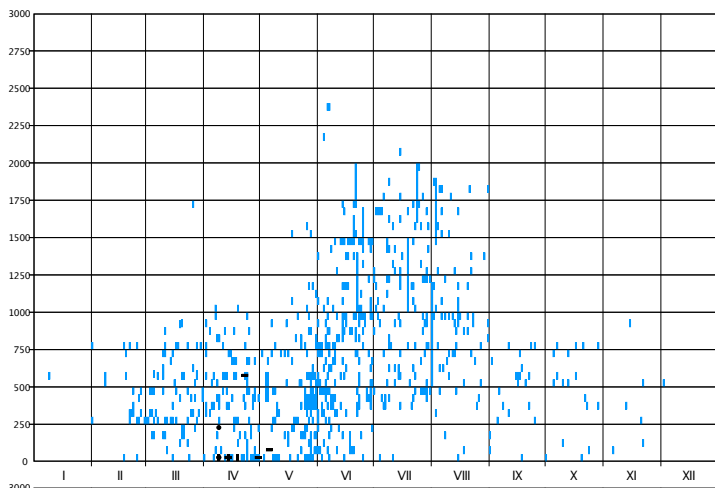




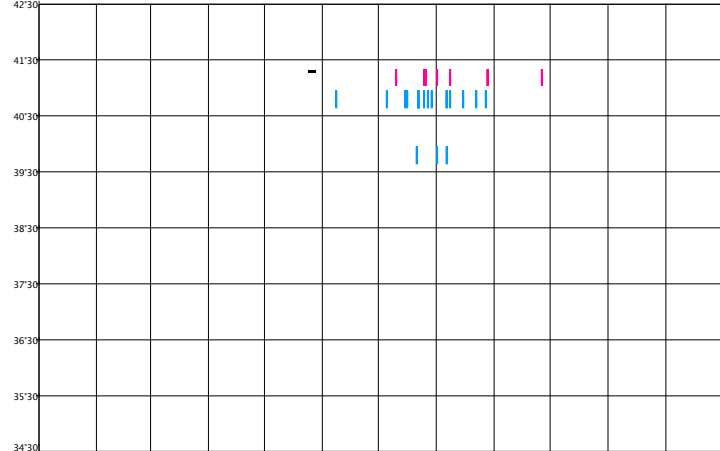
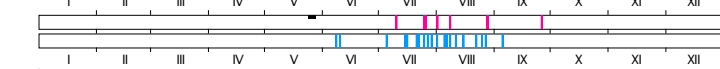
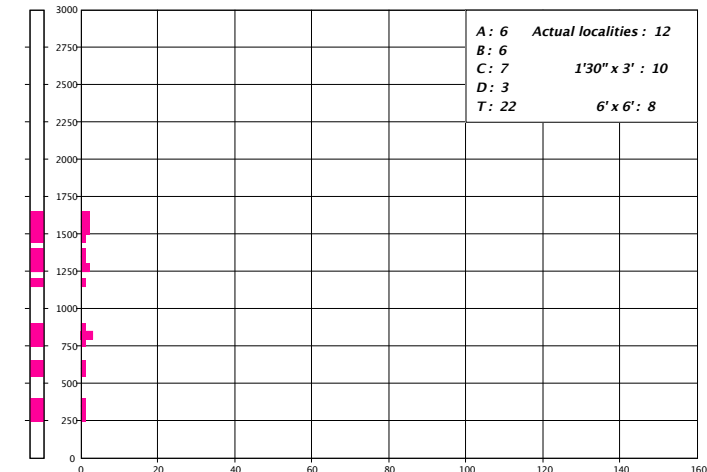
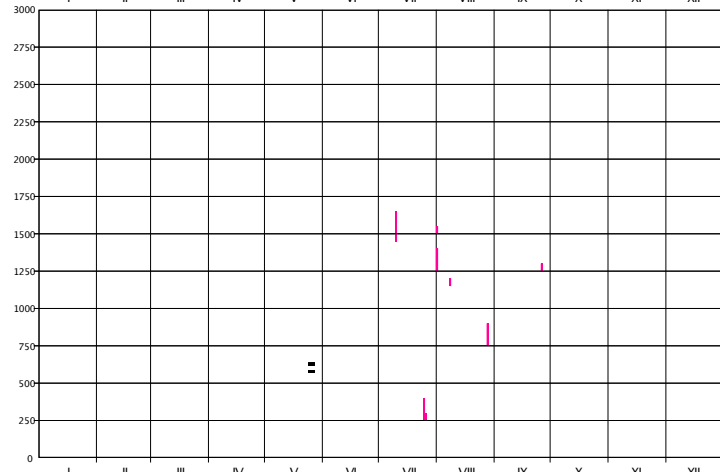
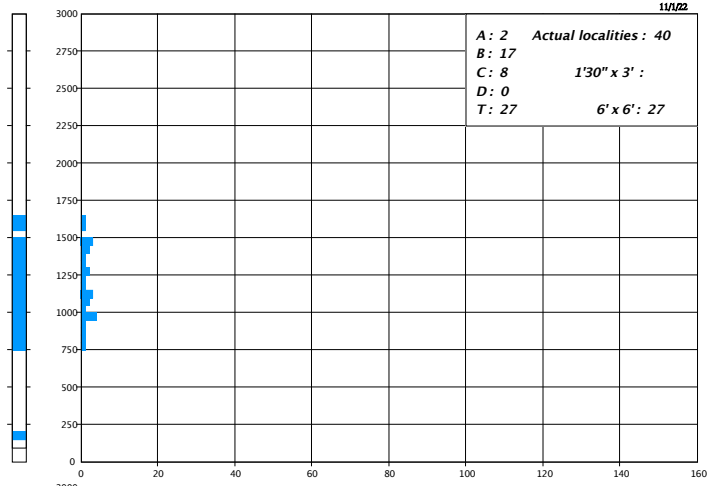
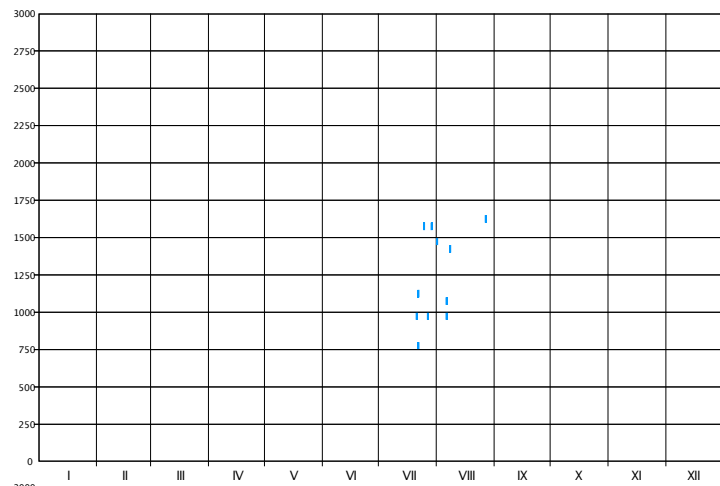


**RIODINIDAE *Hamearis lucina***

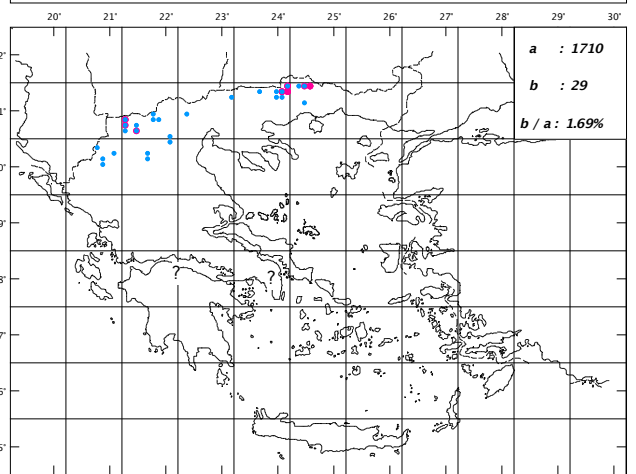


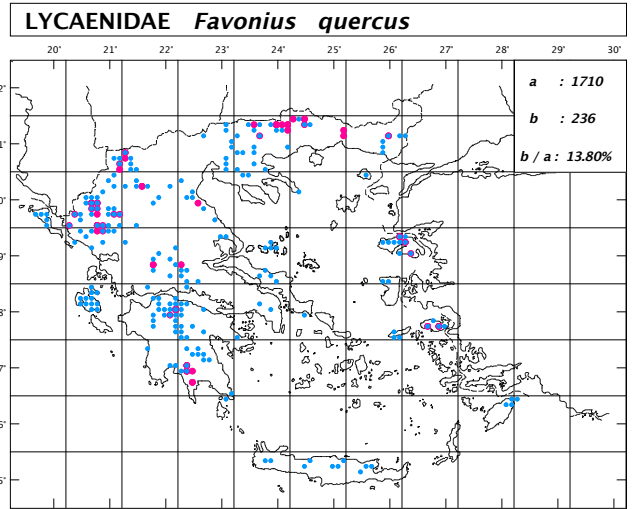
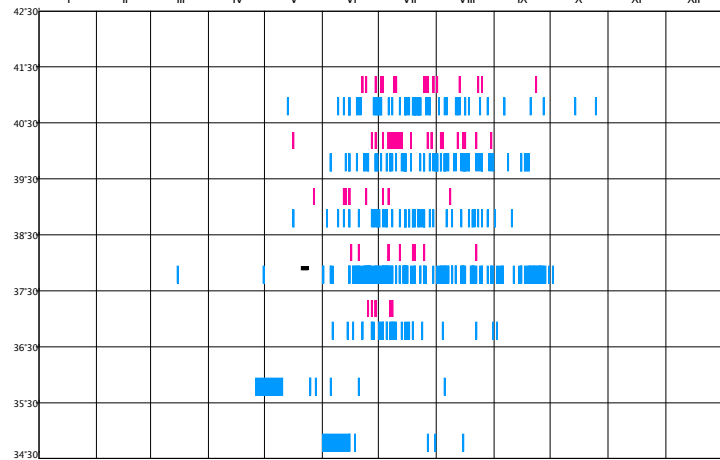
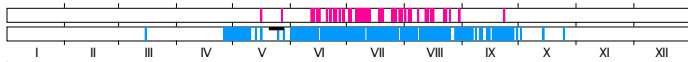
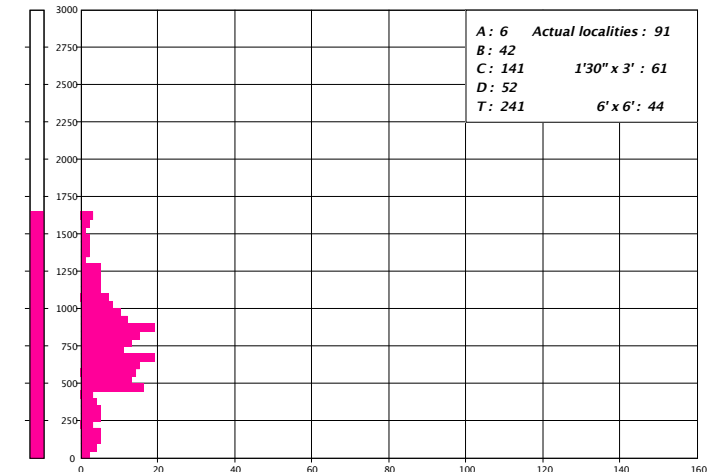
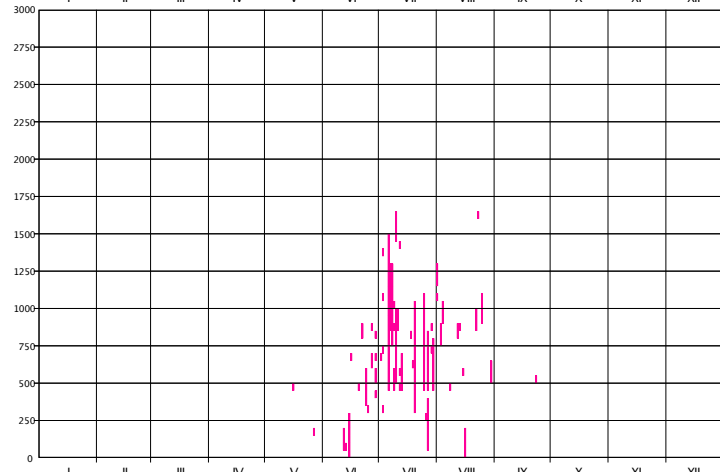
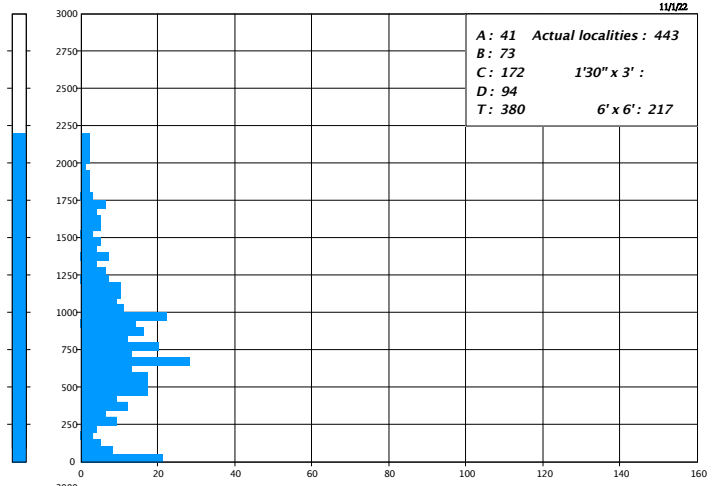
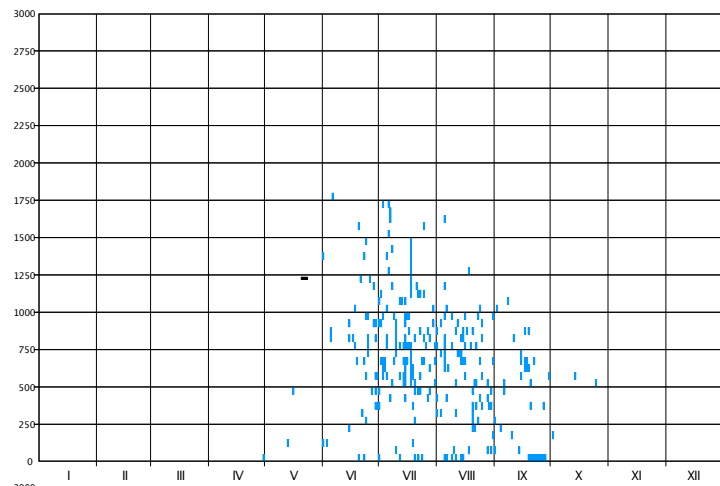


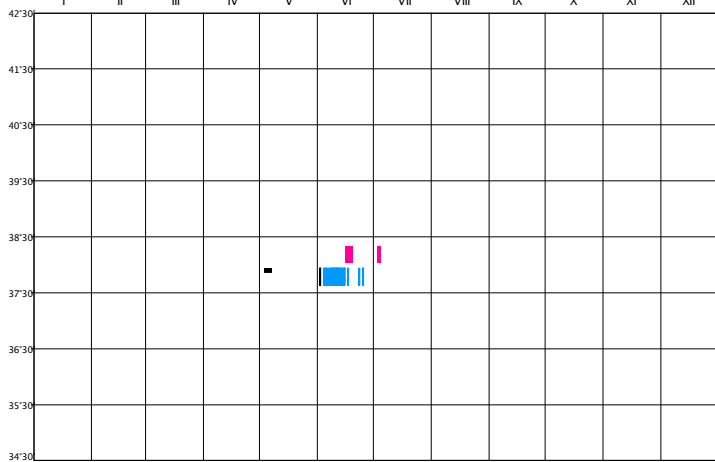
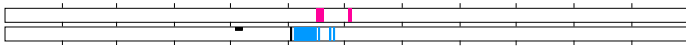
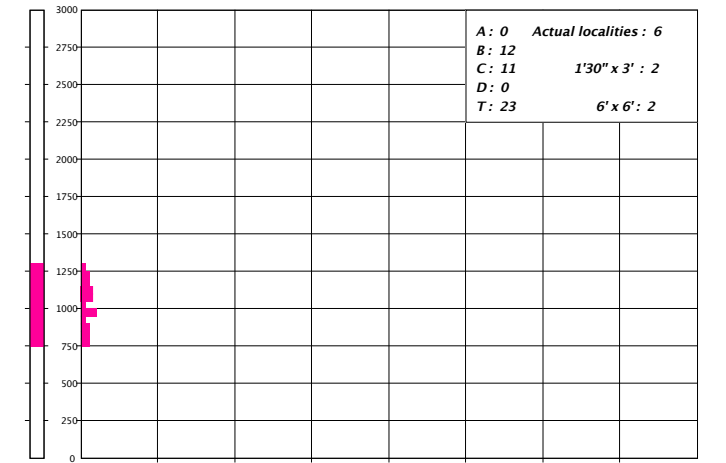
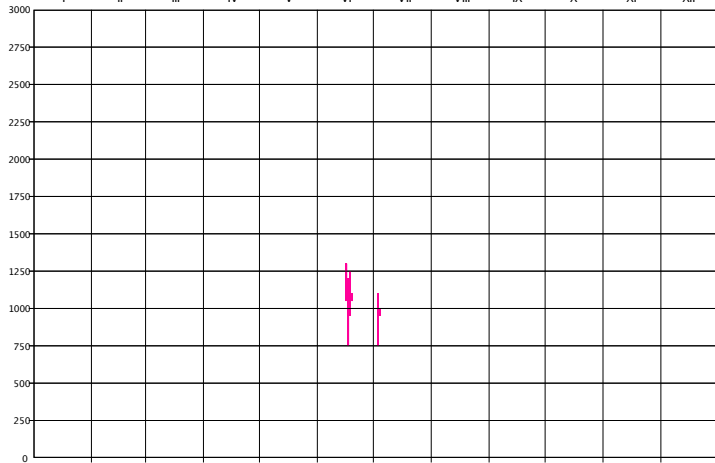
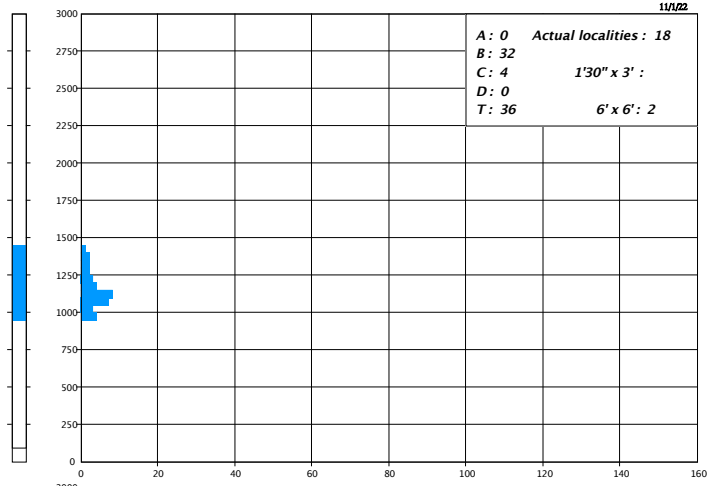
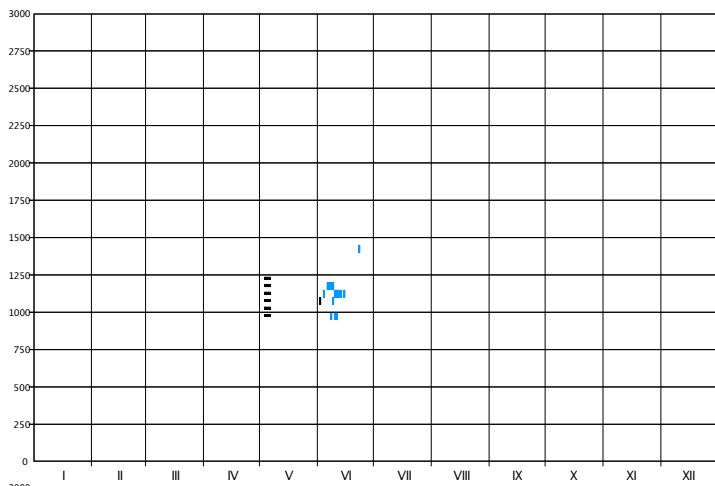




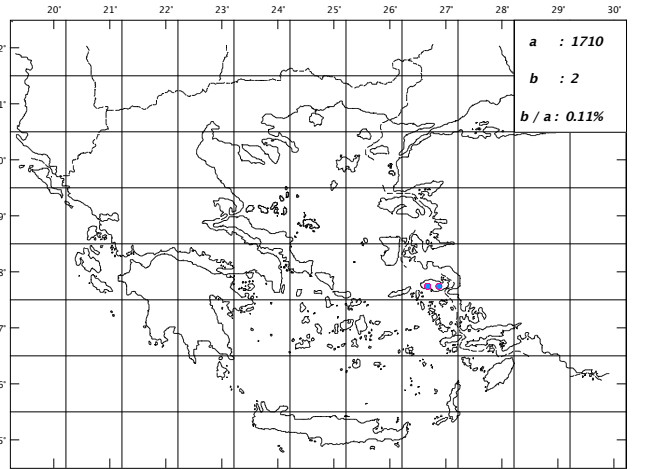
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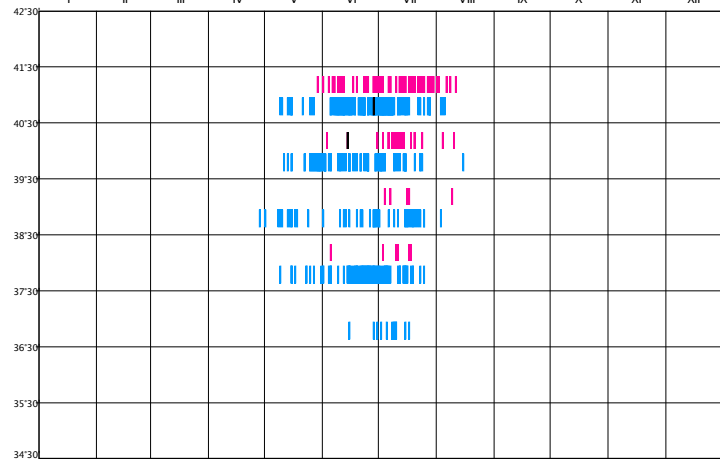
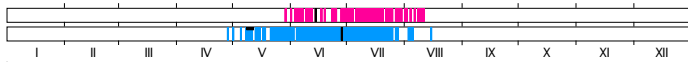
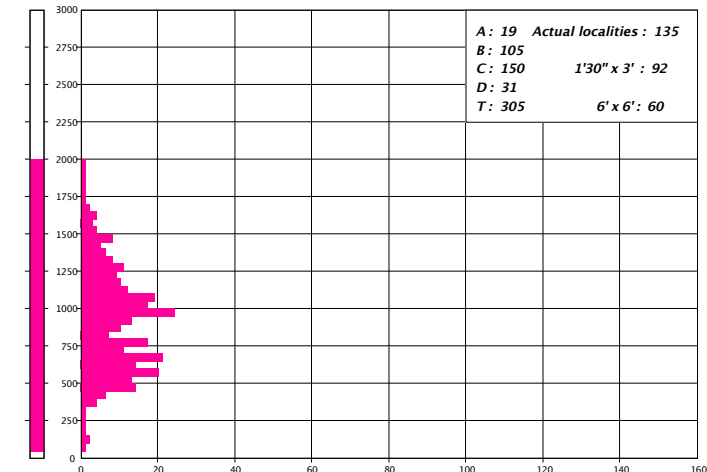
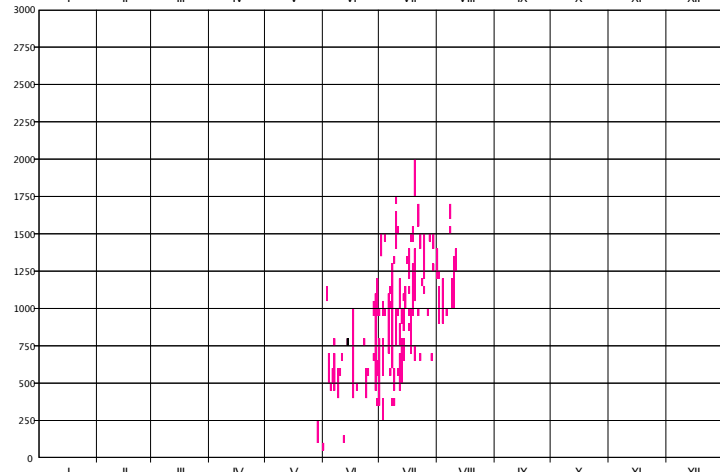
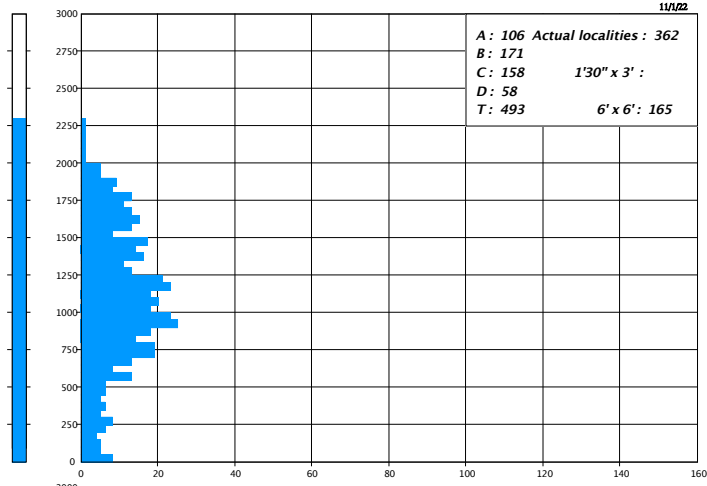
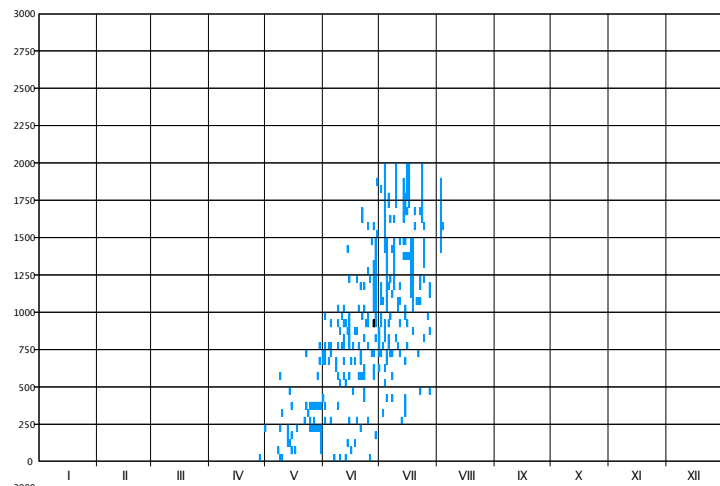




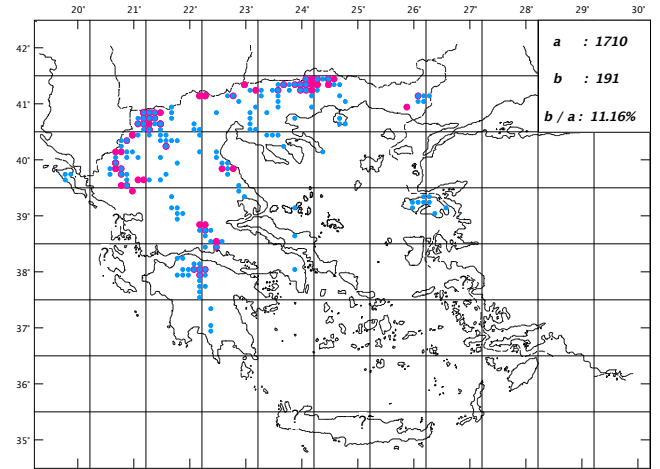


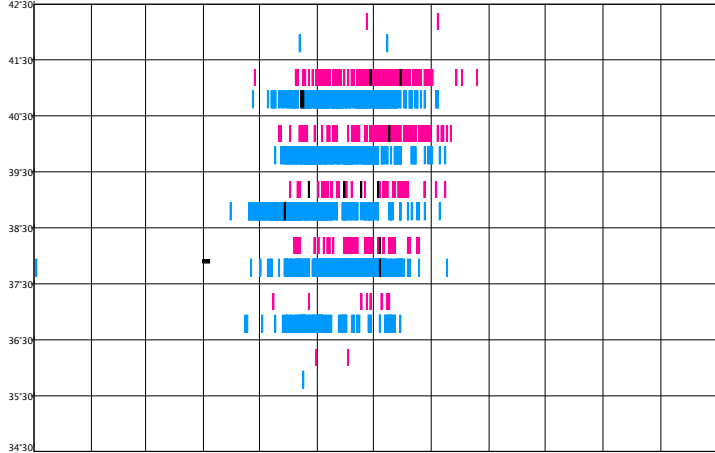
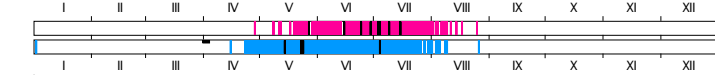
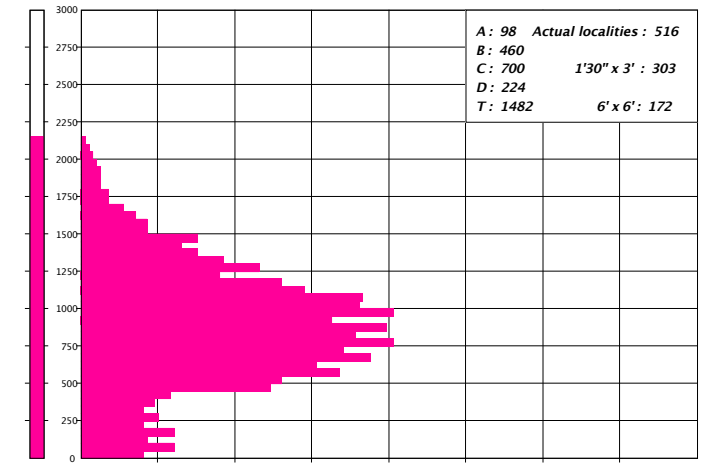
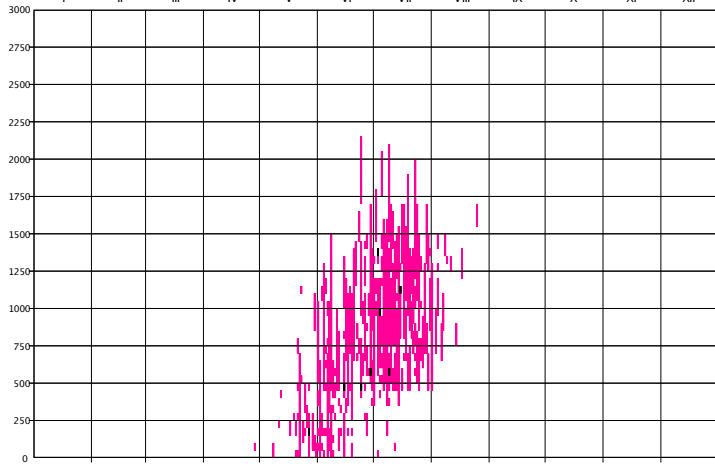
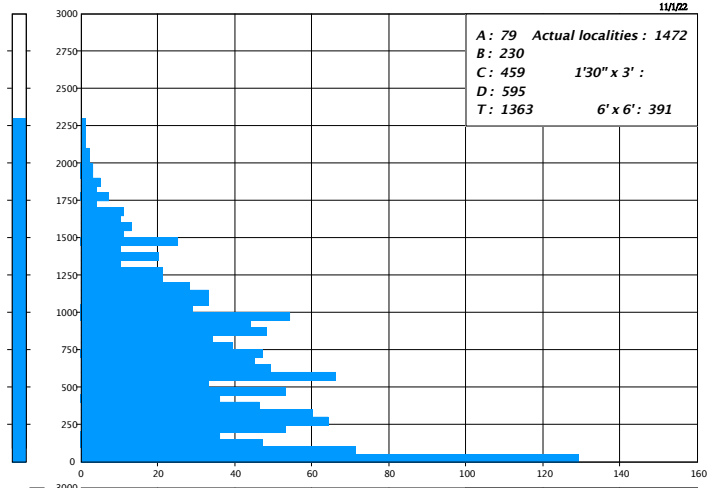
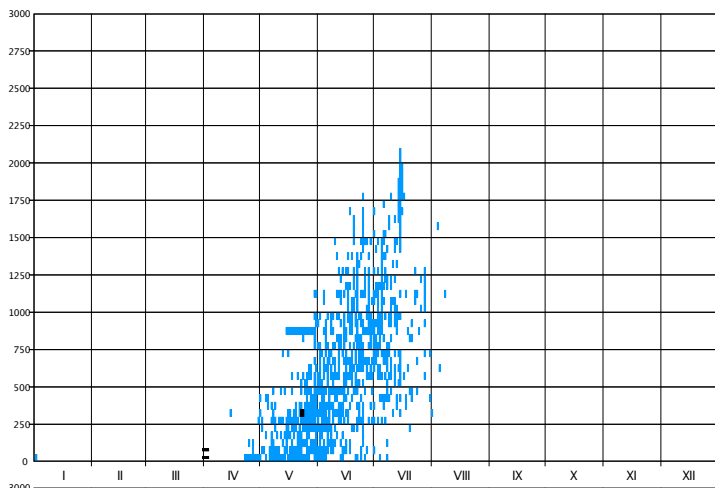
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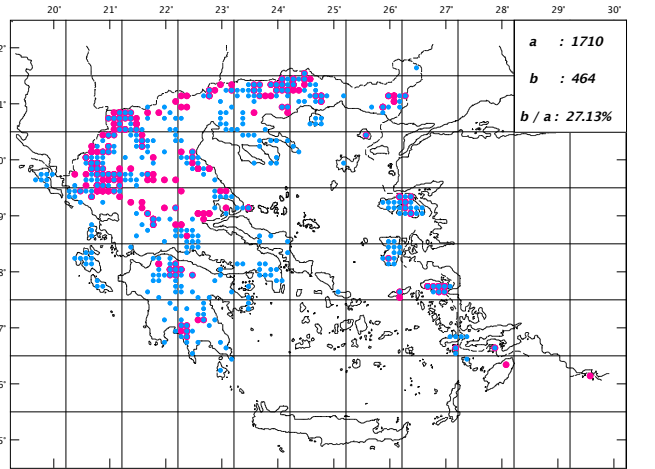


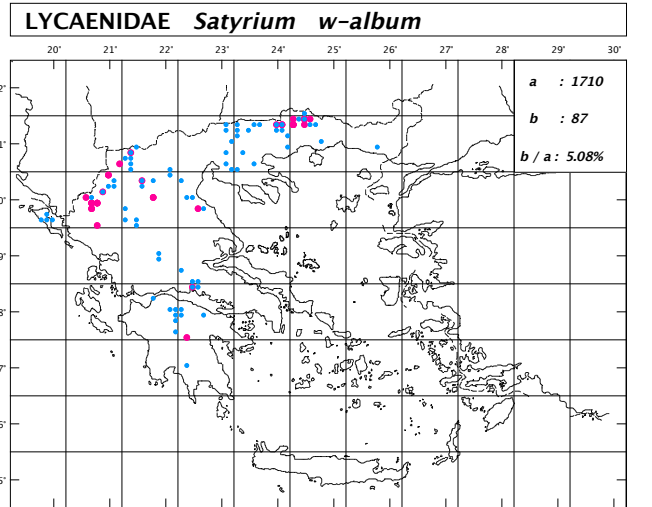
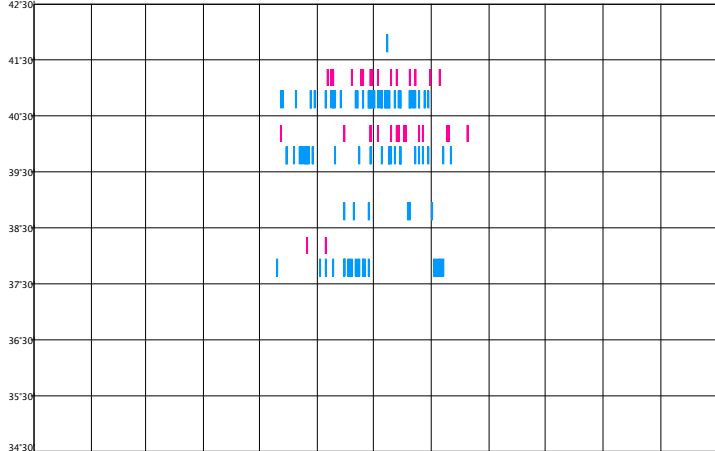
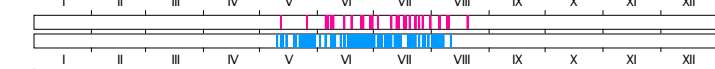
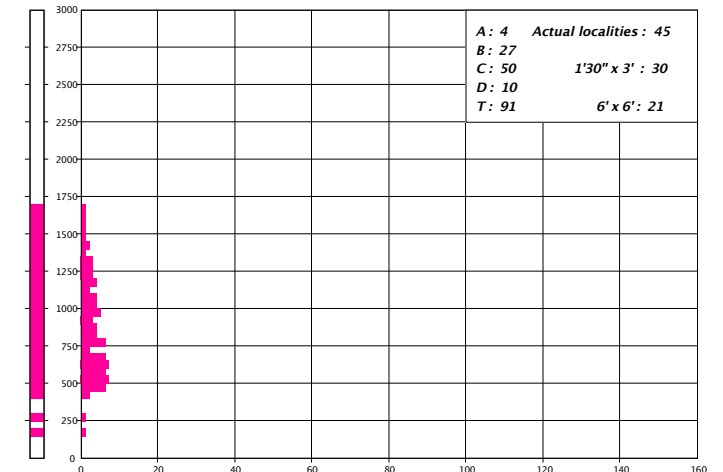
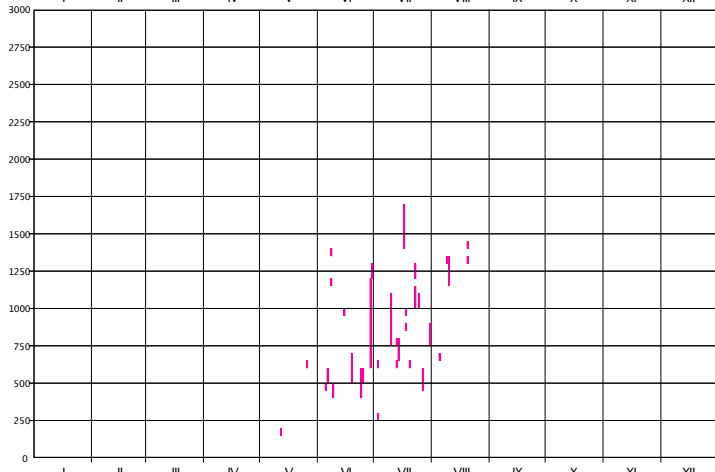
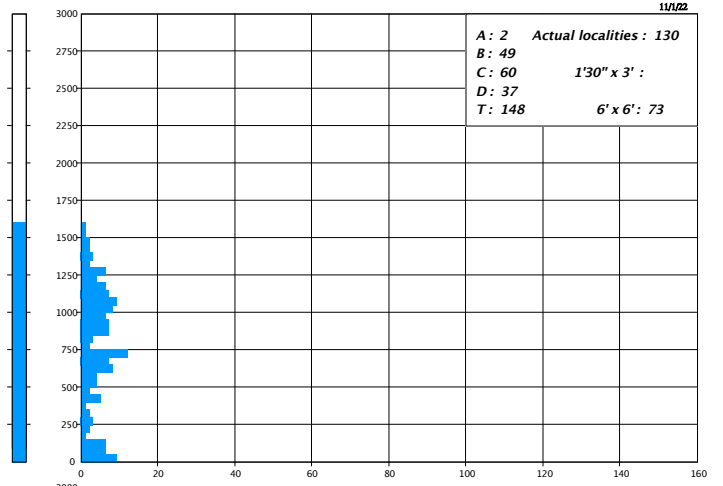
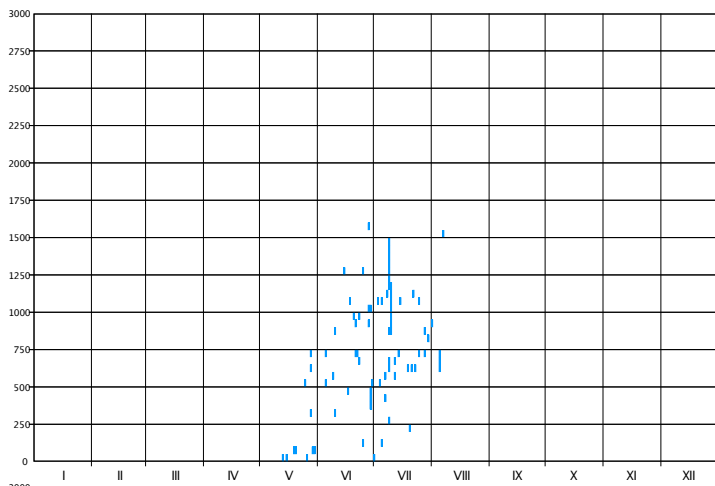
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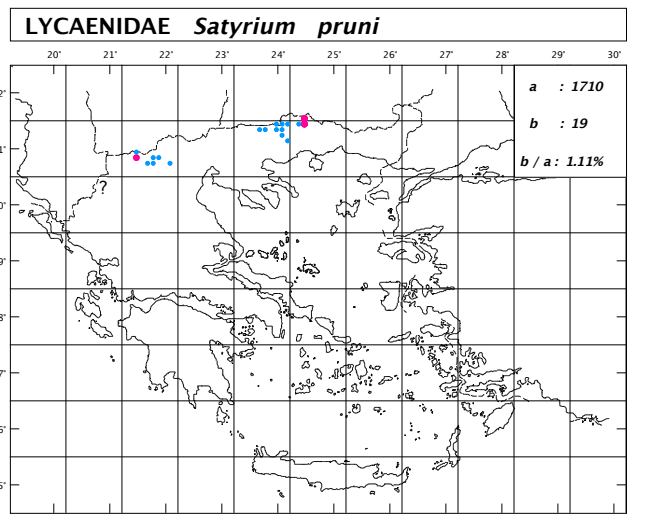
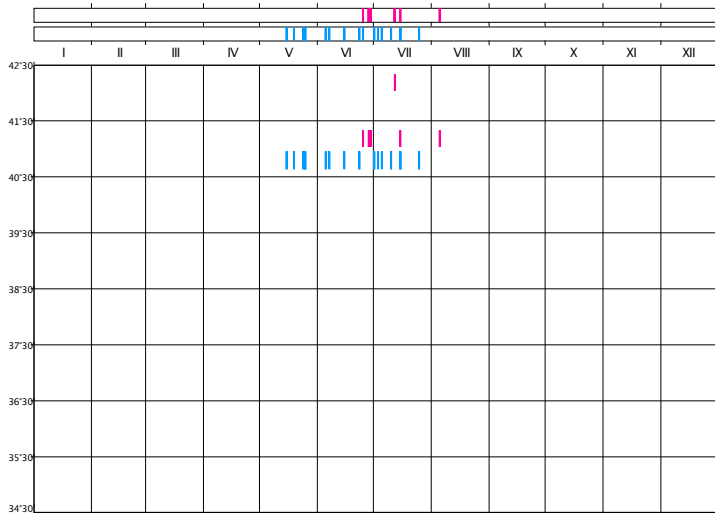
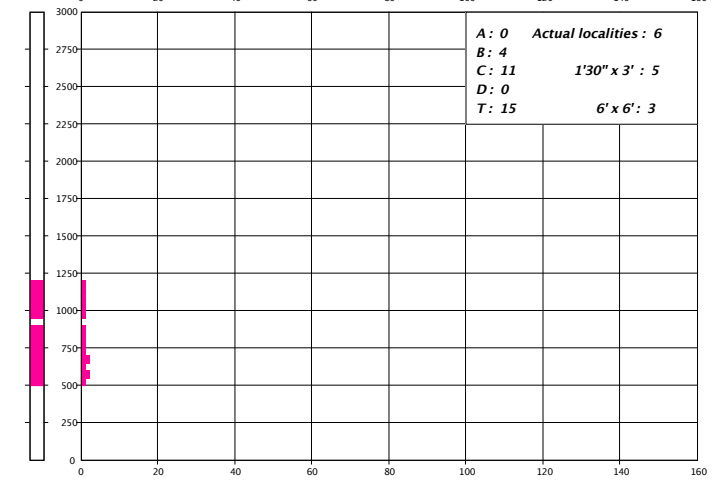
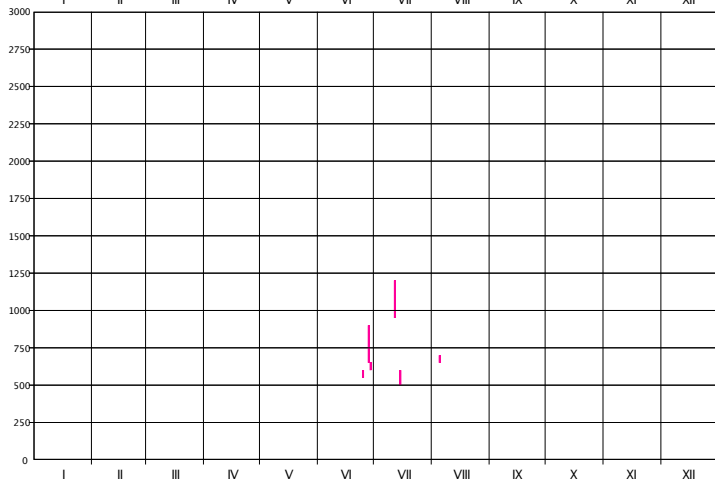
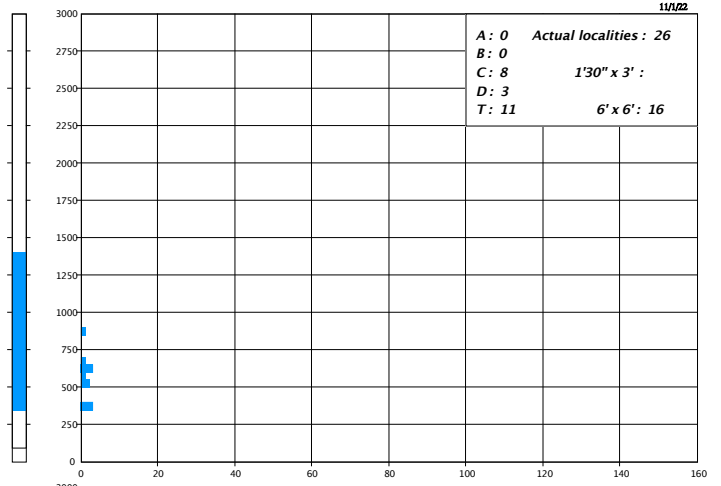
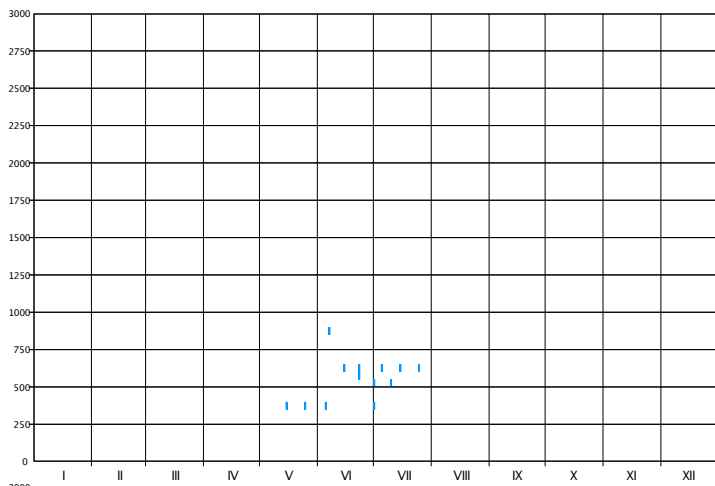


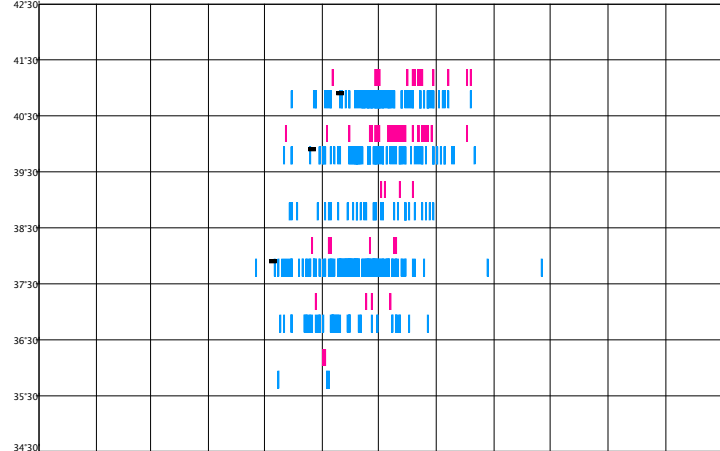
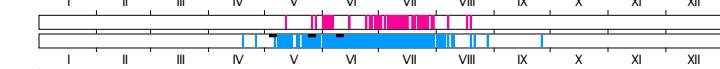
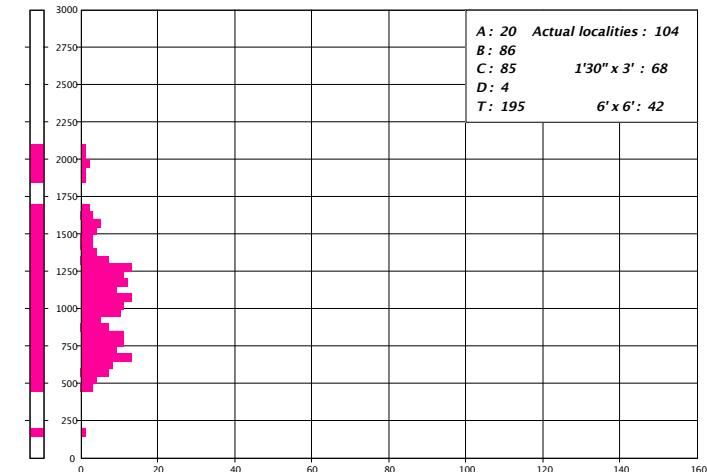
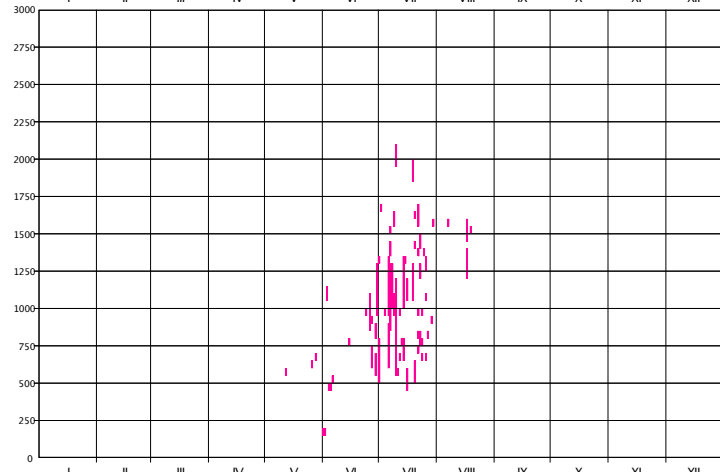
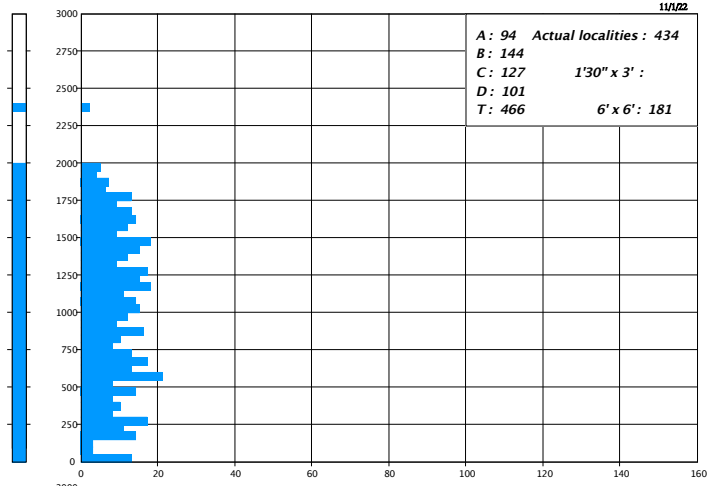
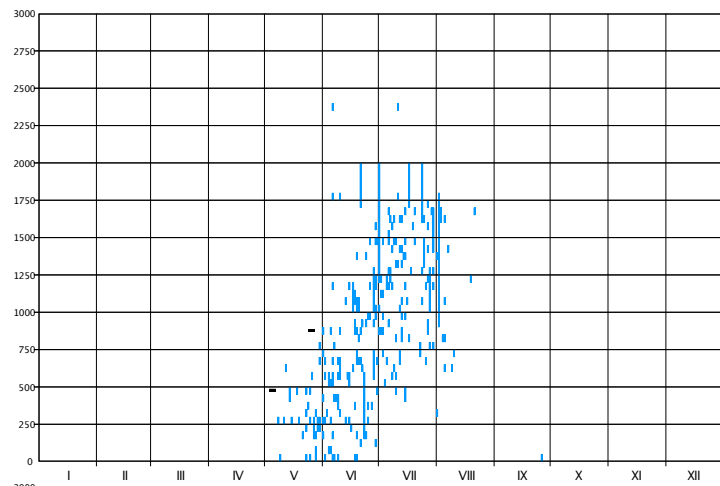


**LYCAENIDAE *Satyrium ilicis***

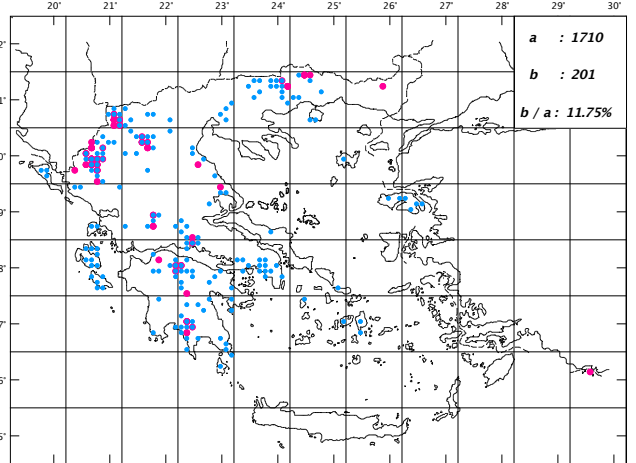




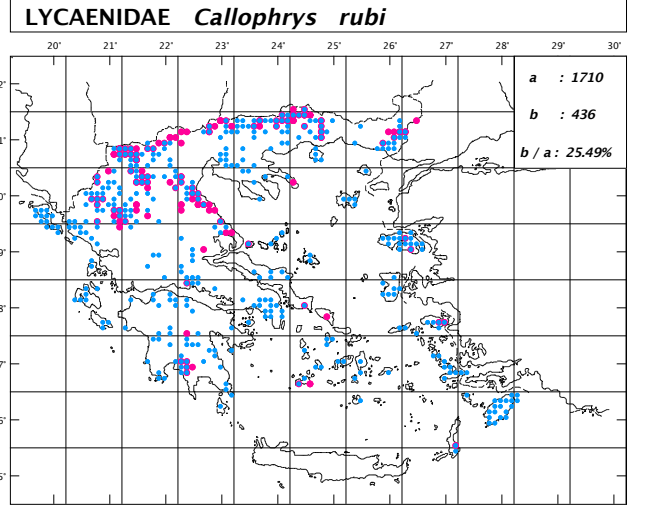
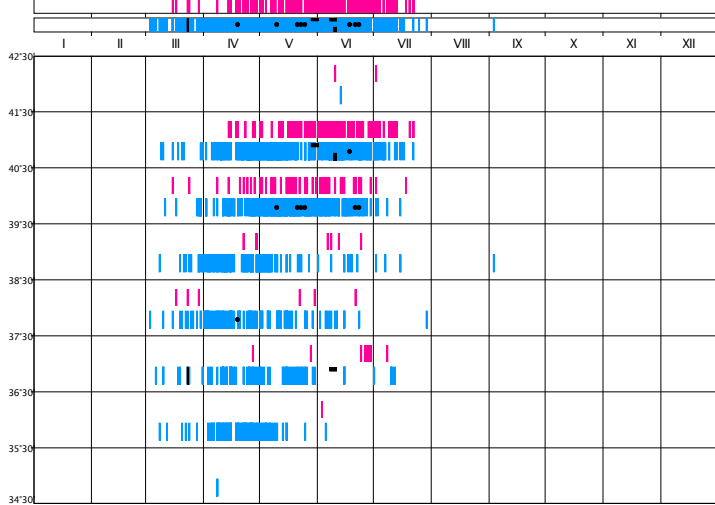
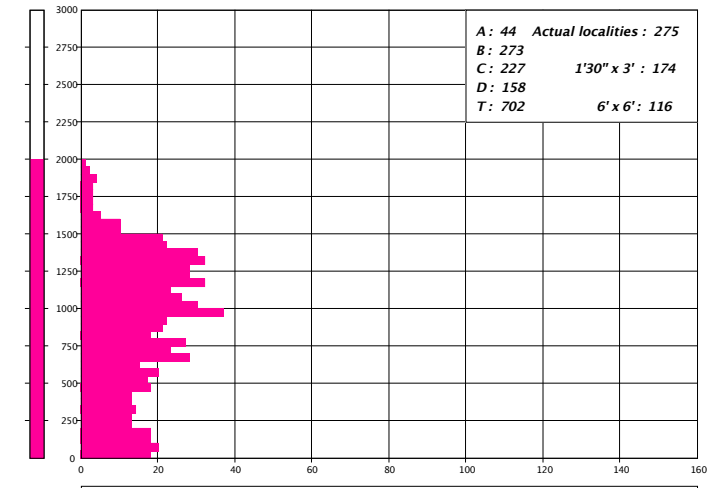
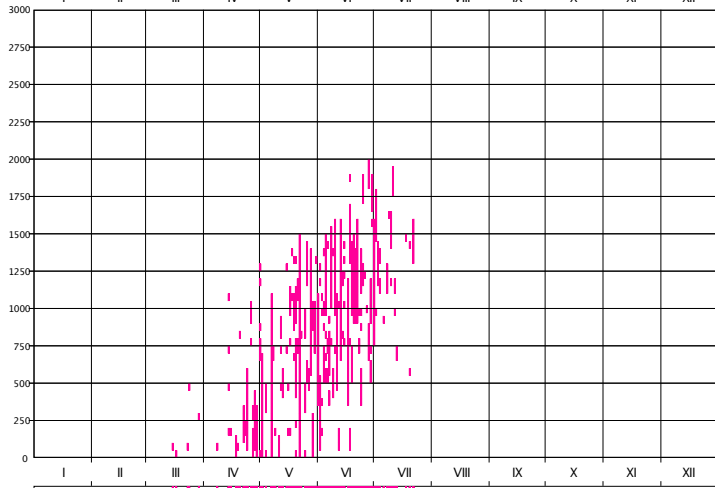
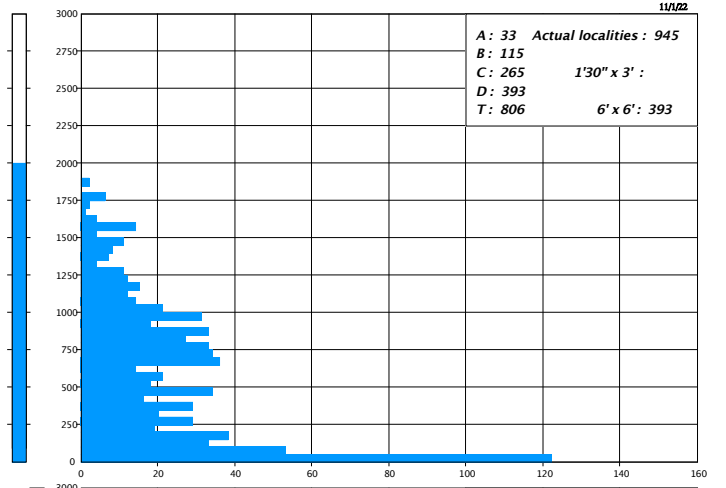
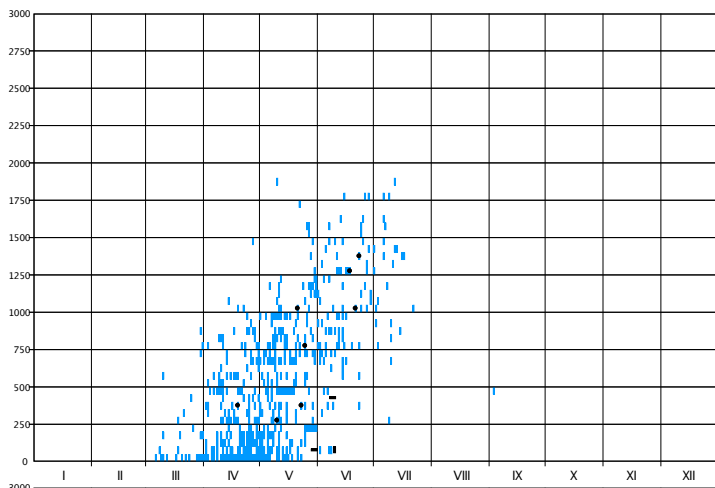


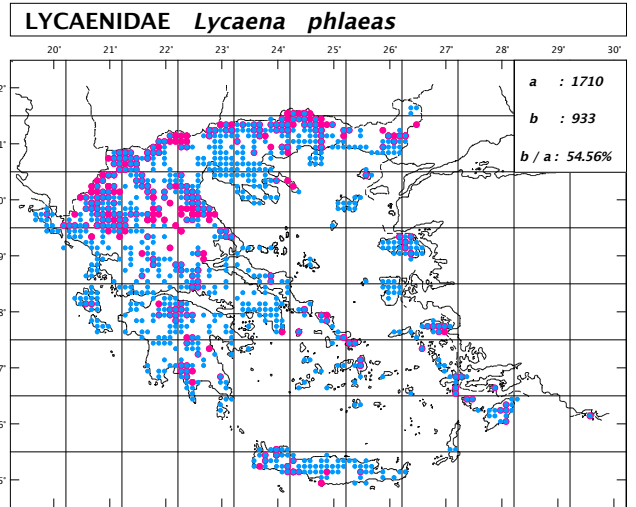
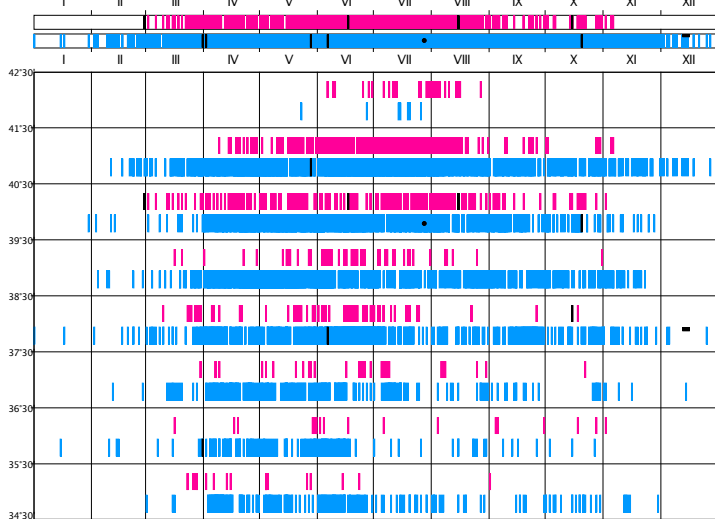
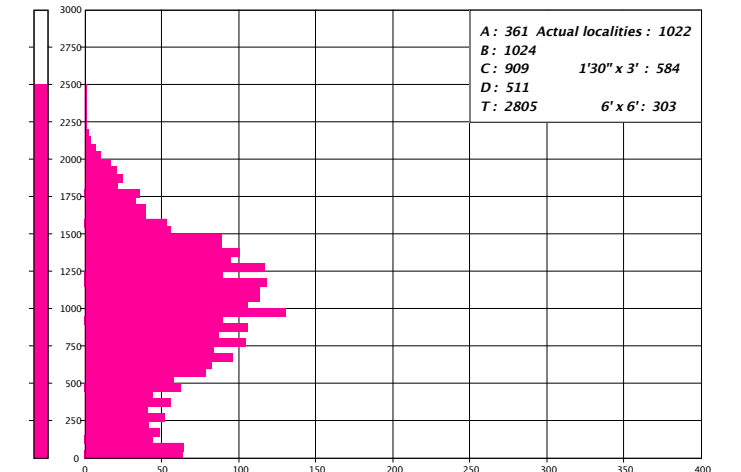
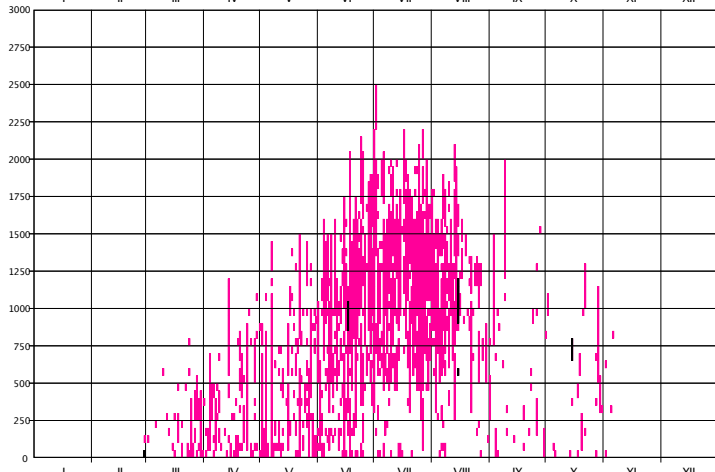
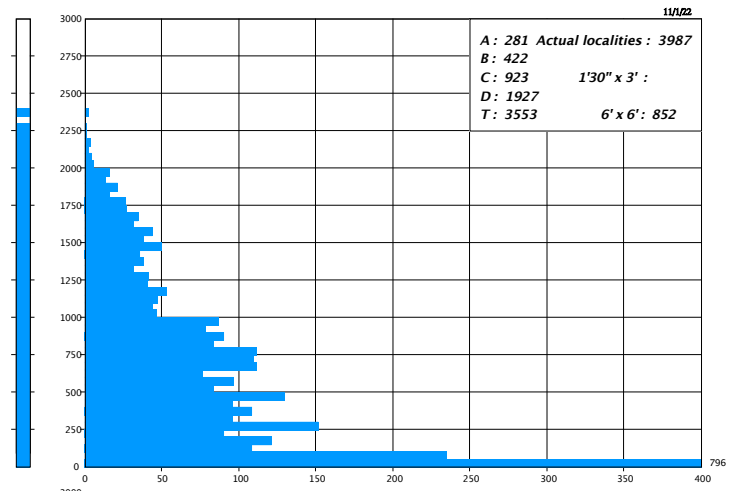
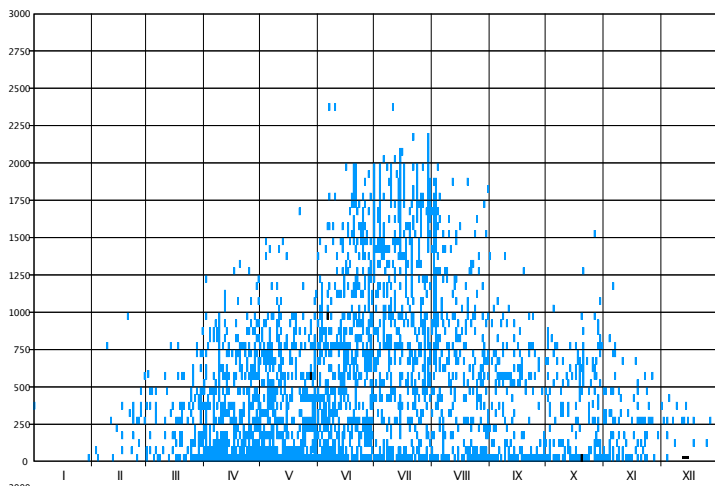


**LYCAENIDAE *Satyrium spini***

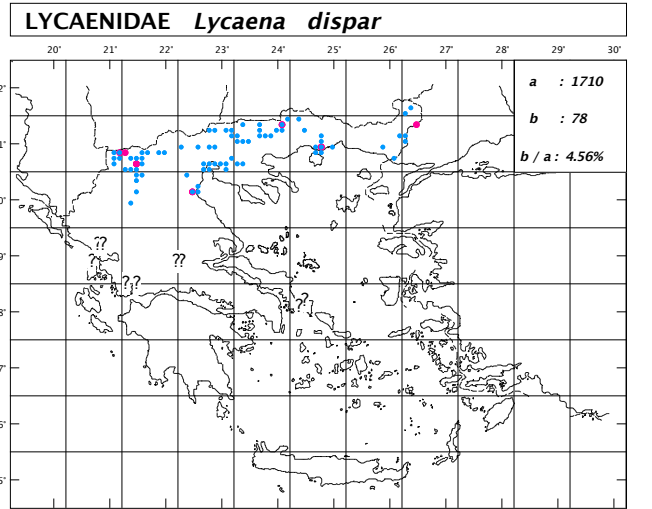
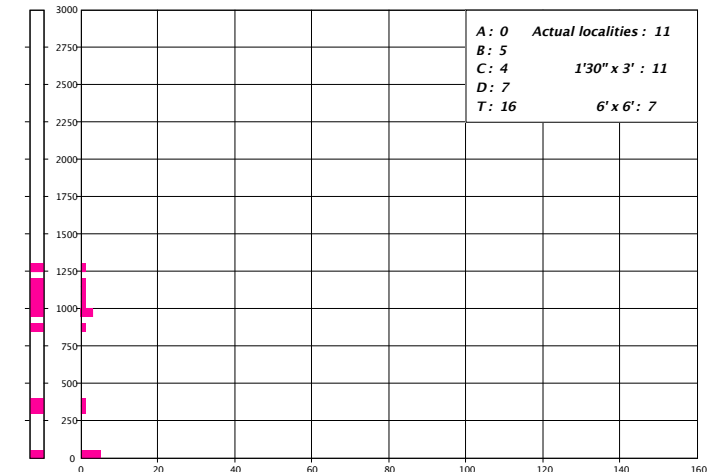
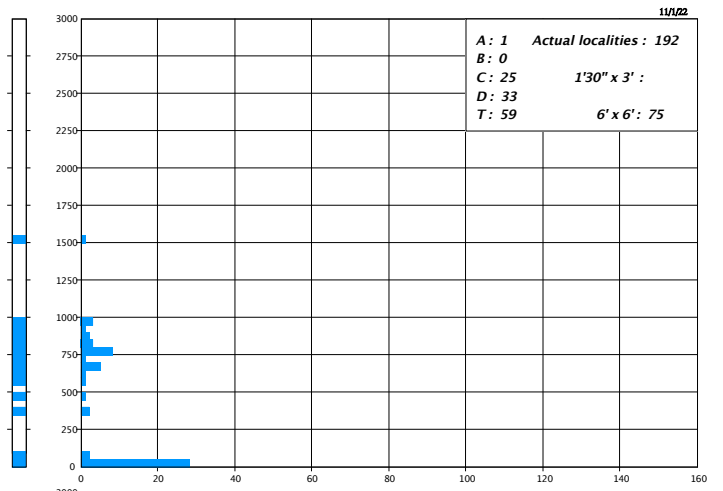
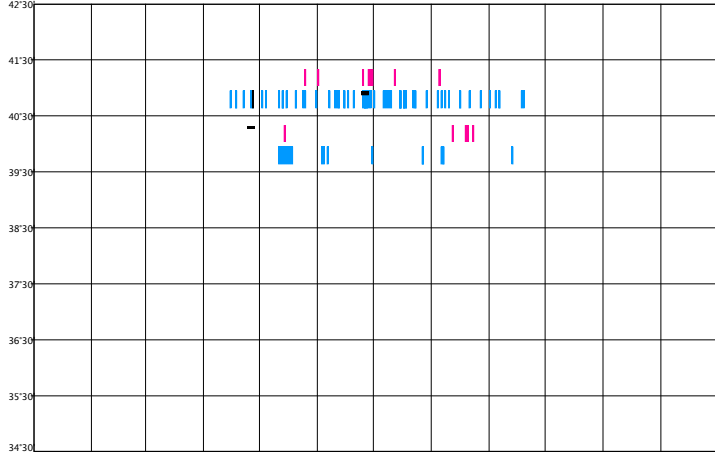
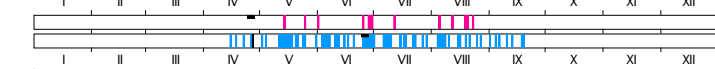
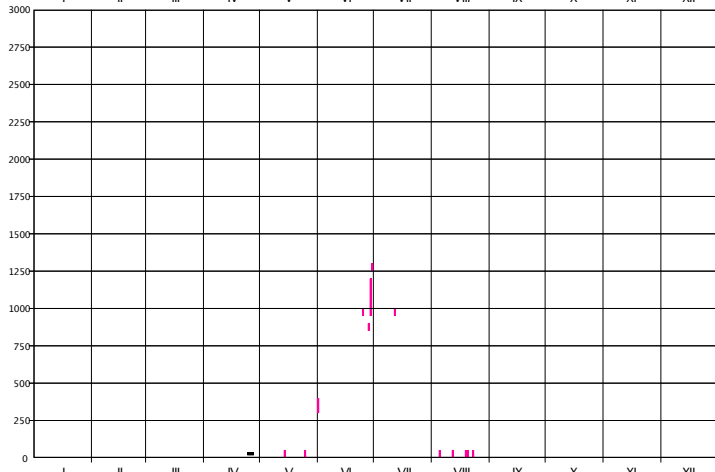
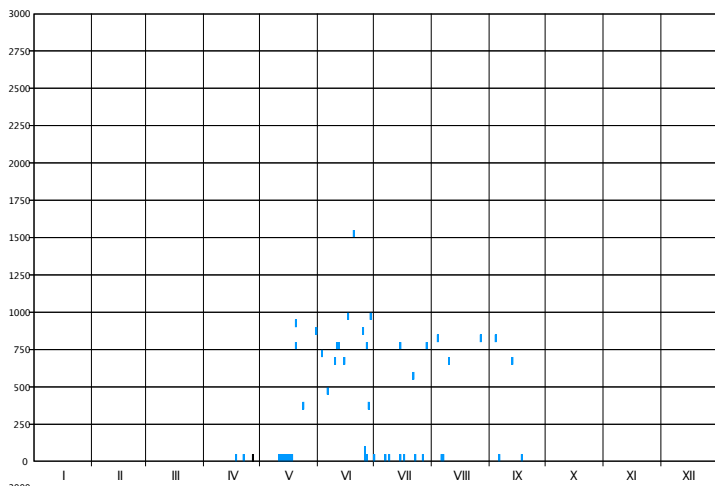




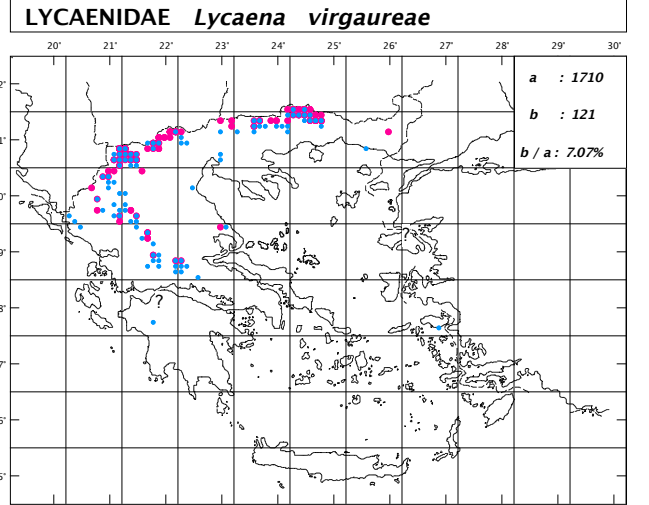
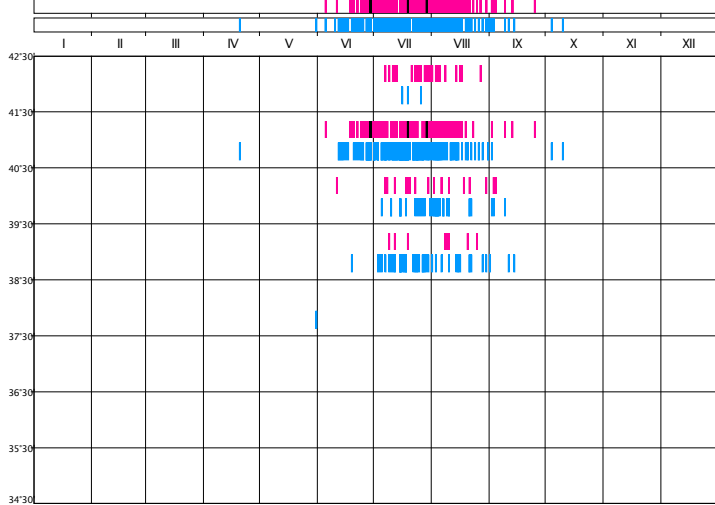
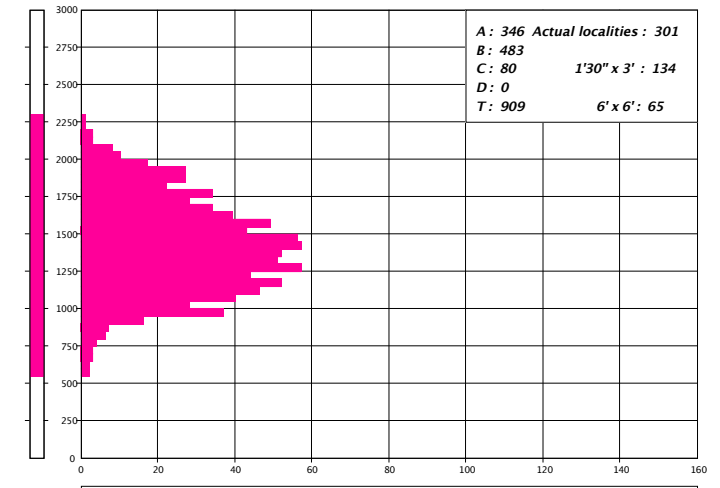
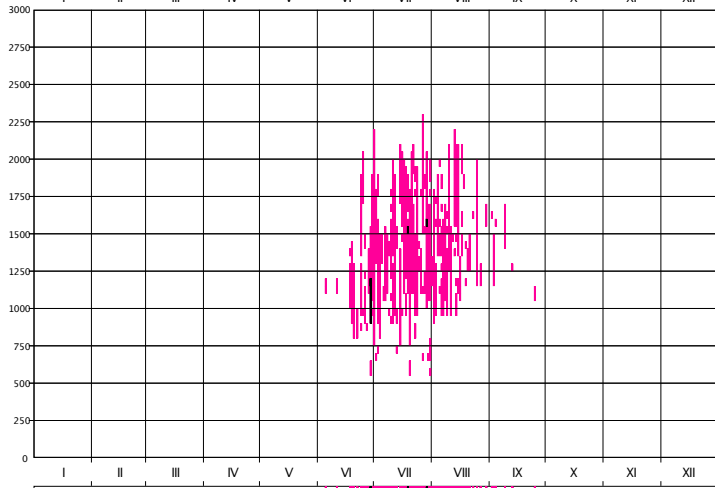
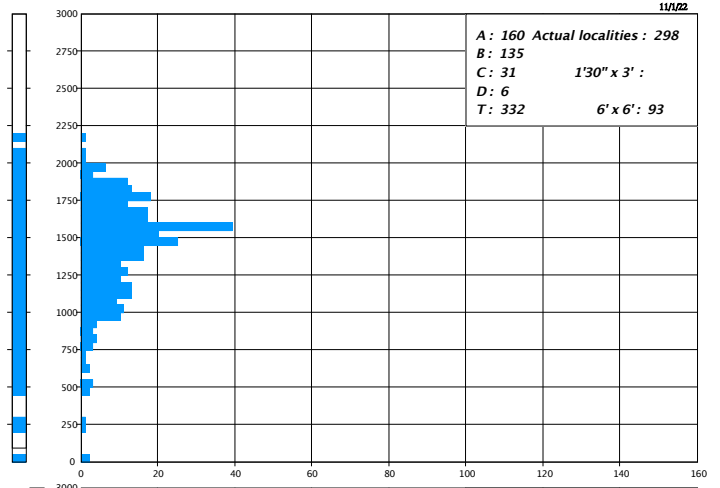
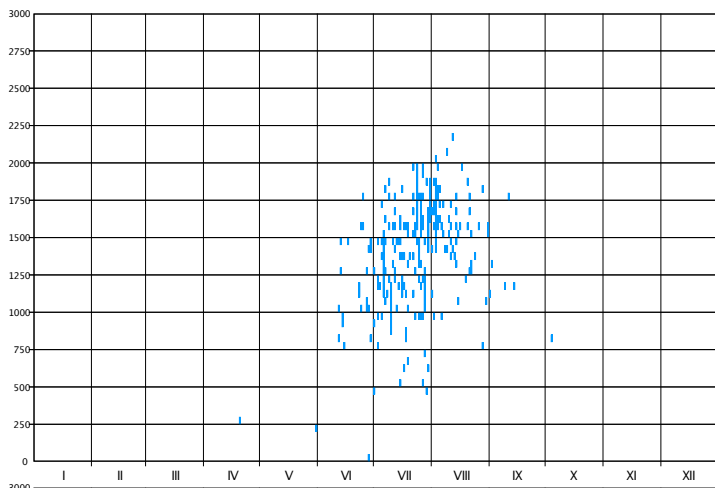




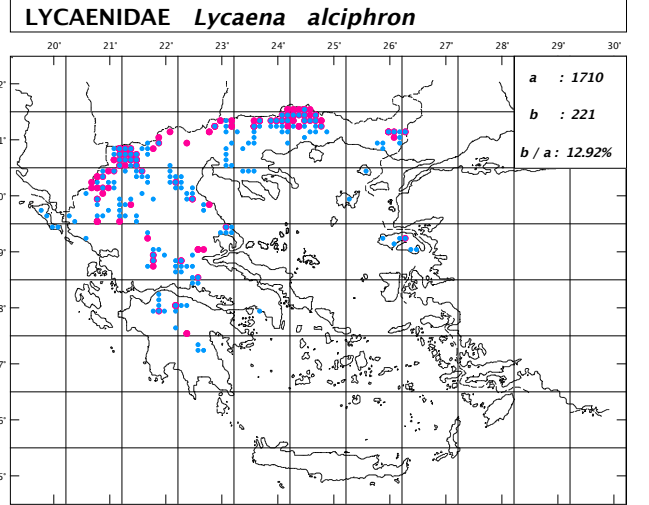
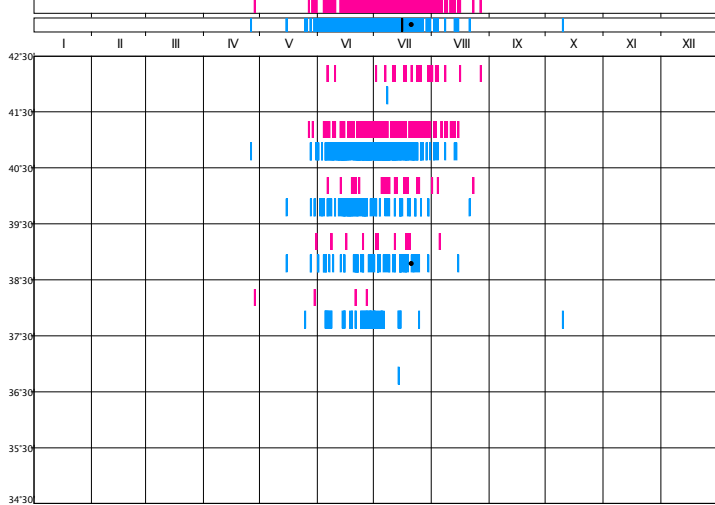
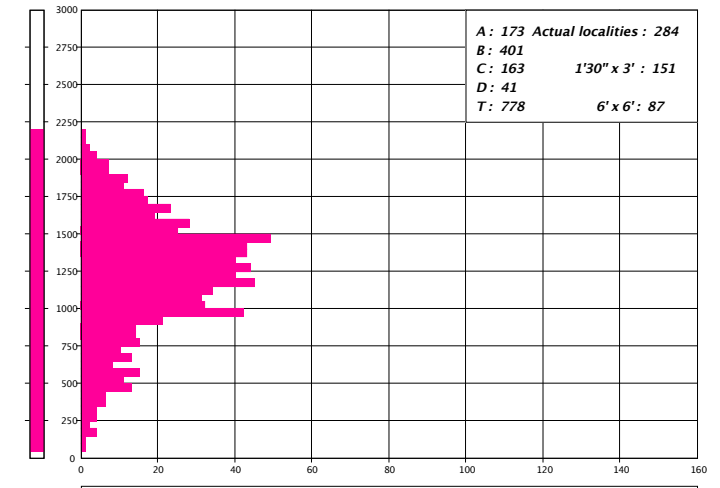
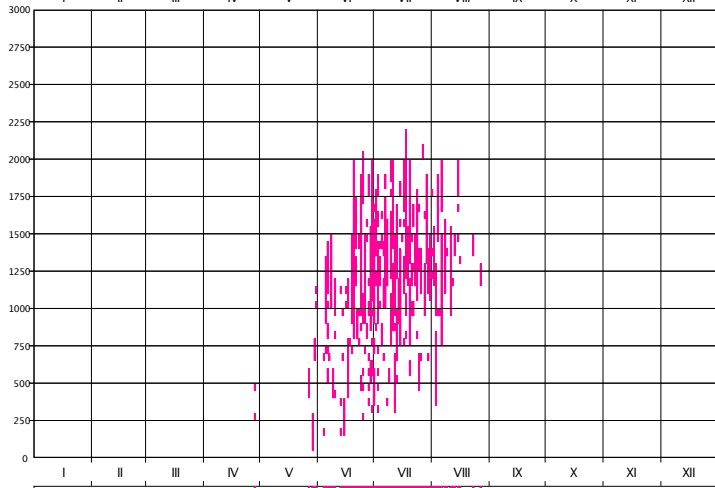
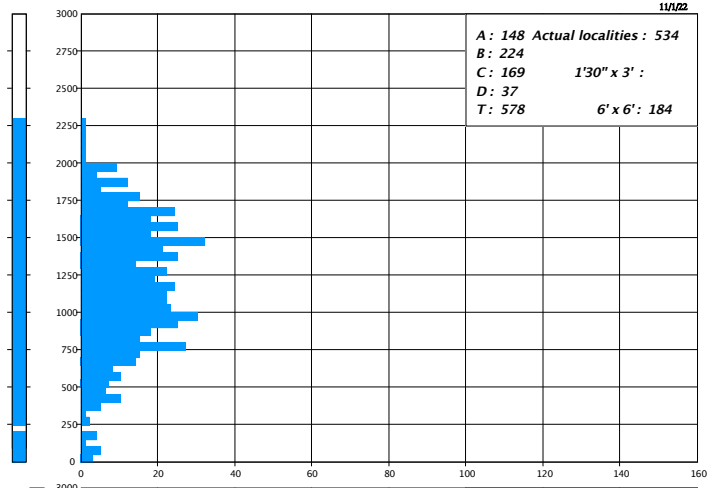
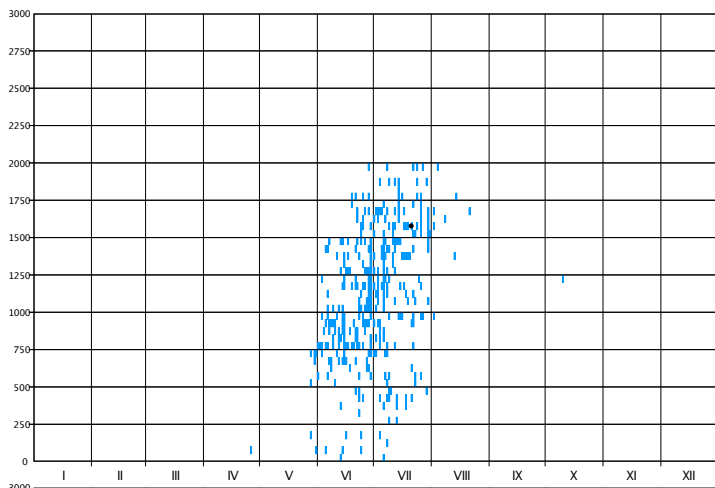
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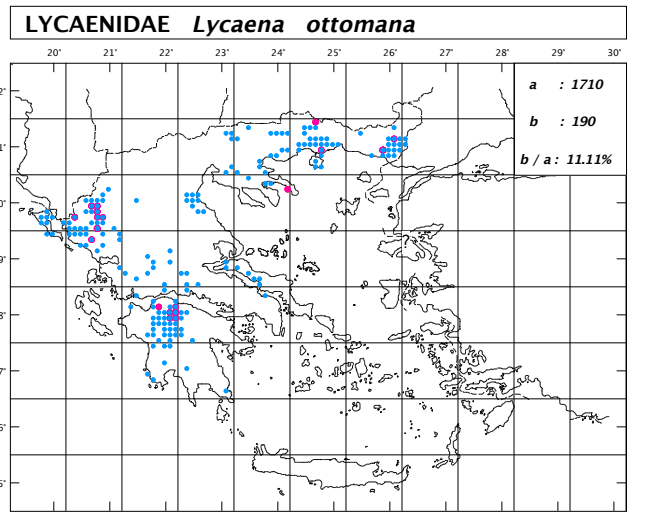
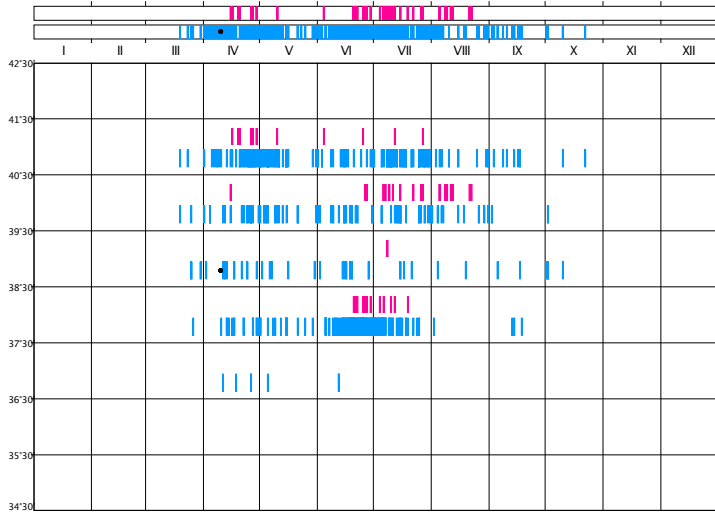
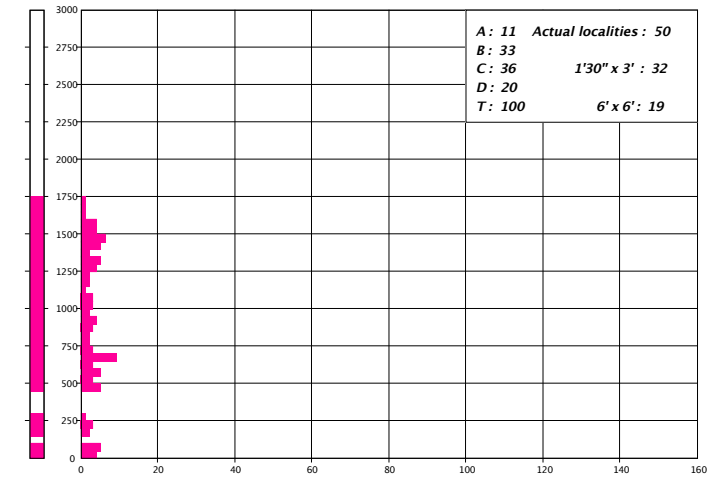
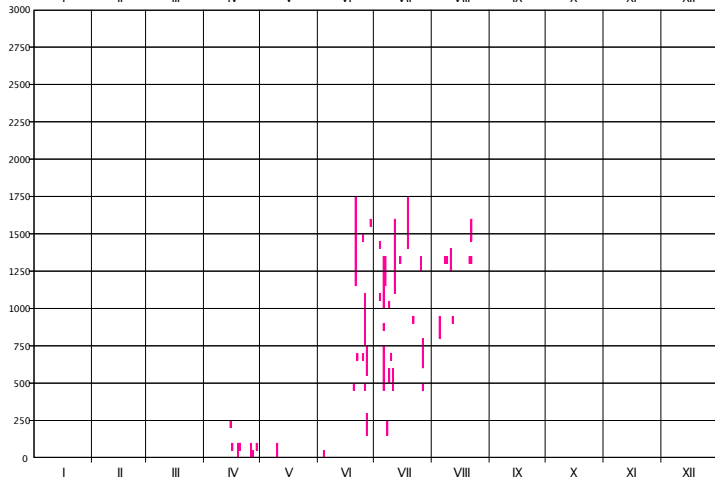
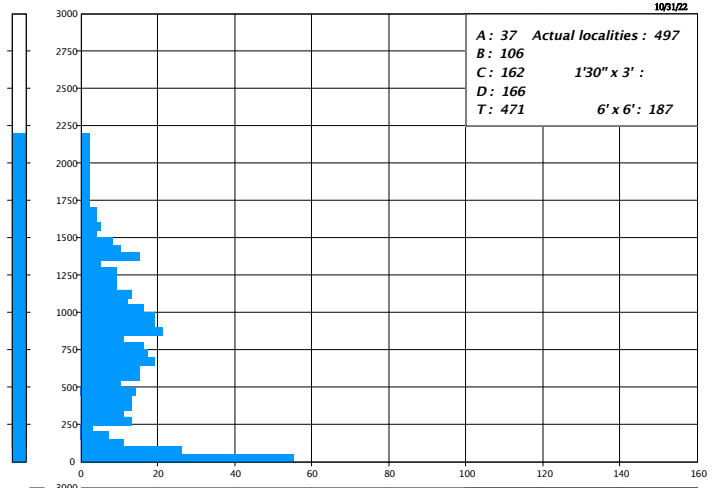
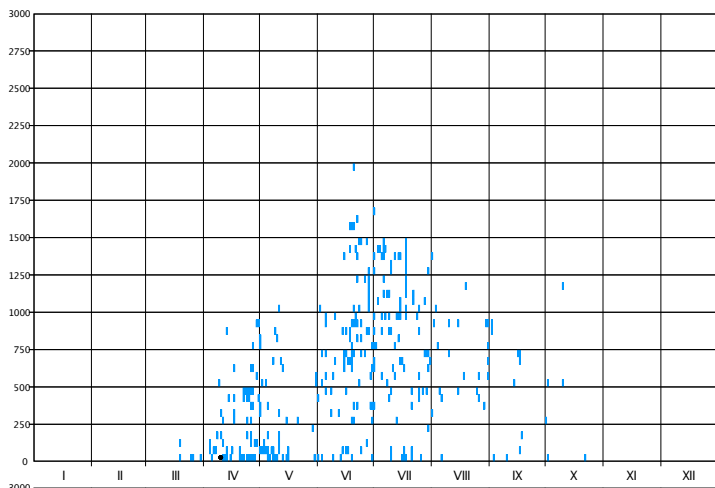
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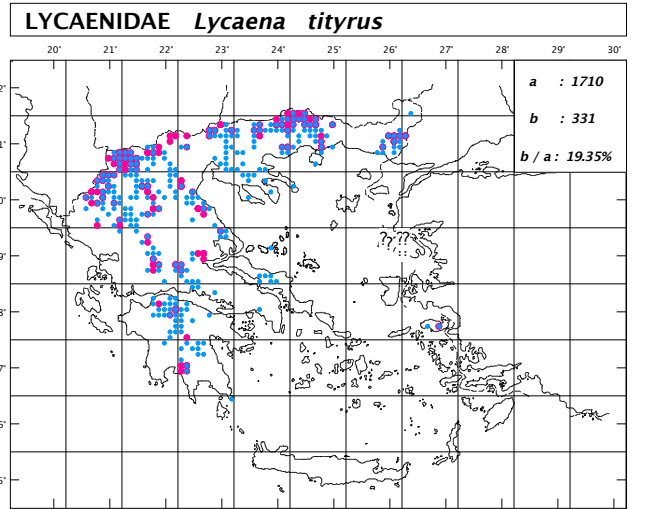
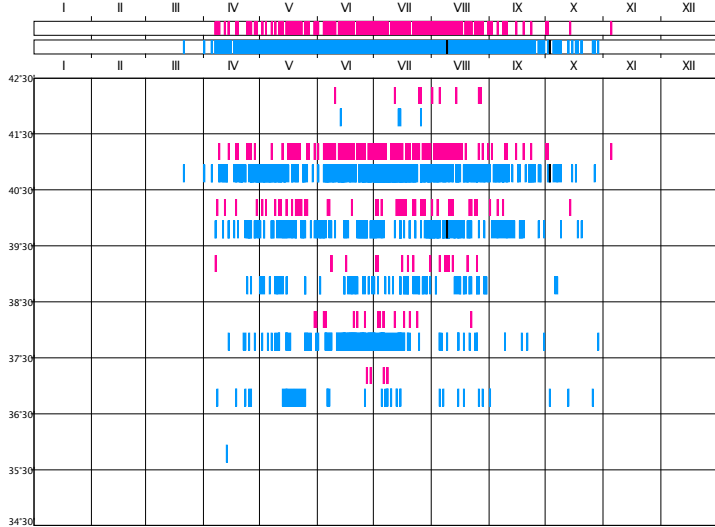
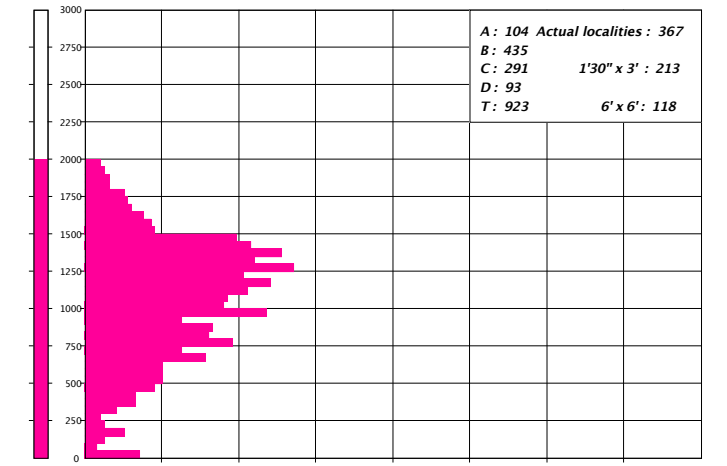
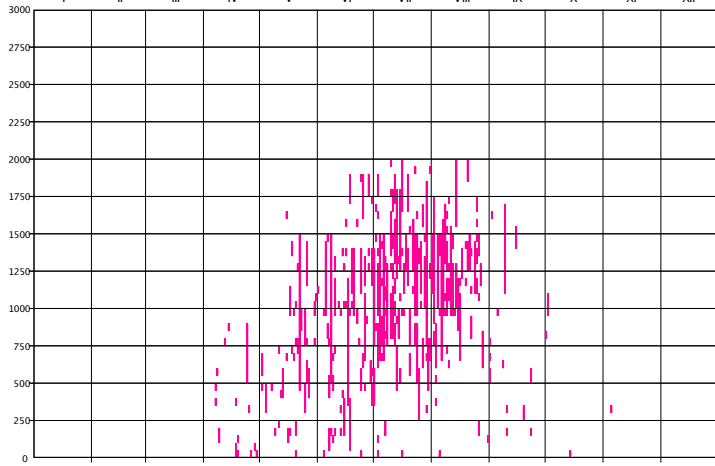
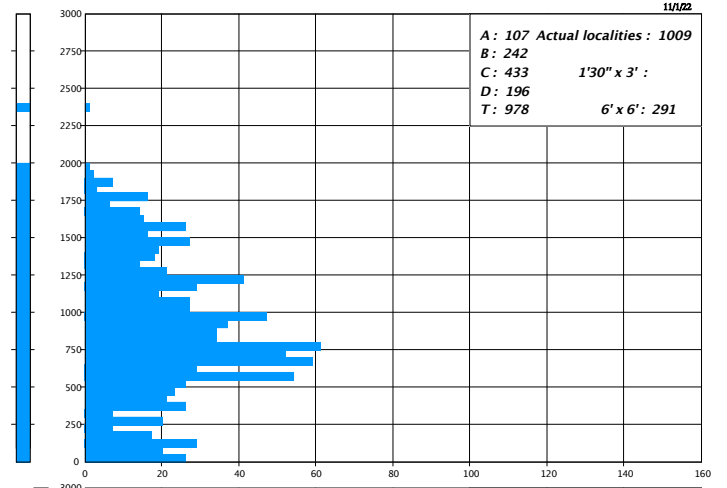
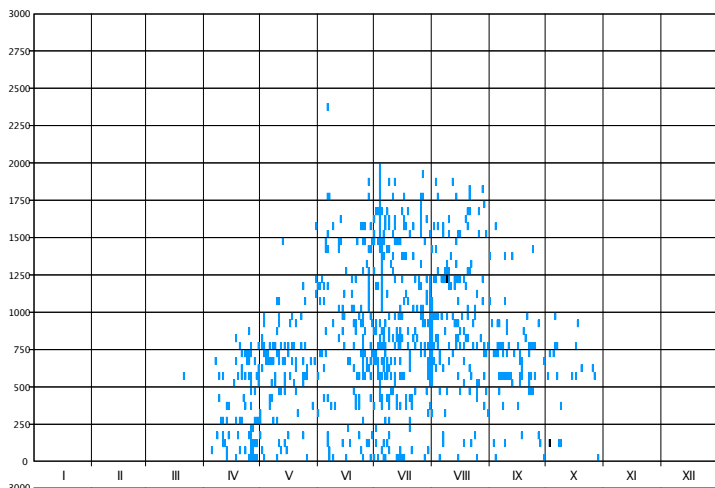
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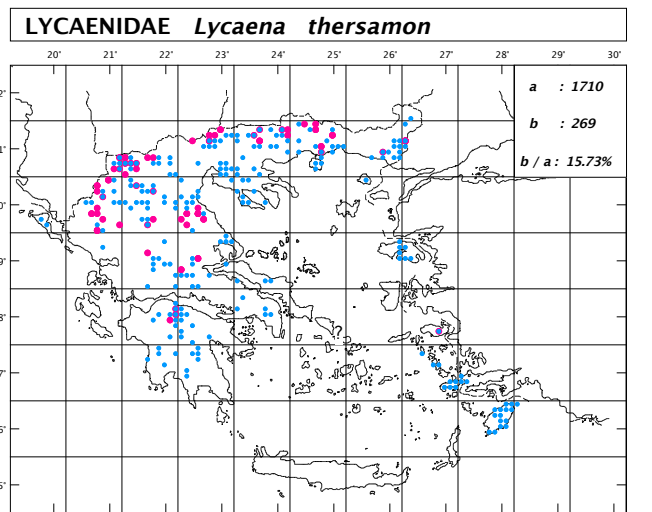
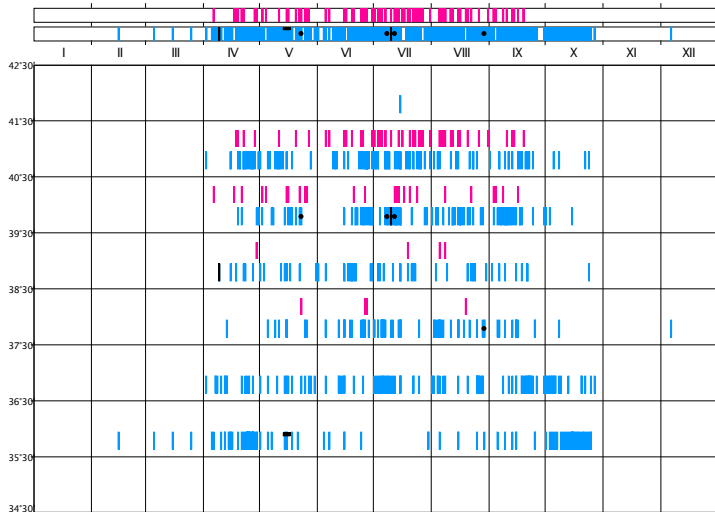
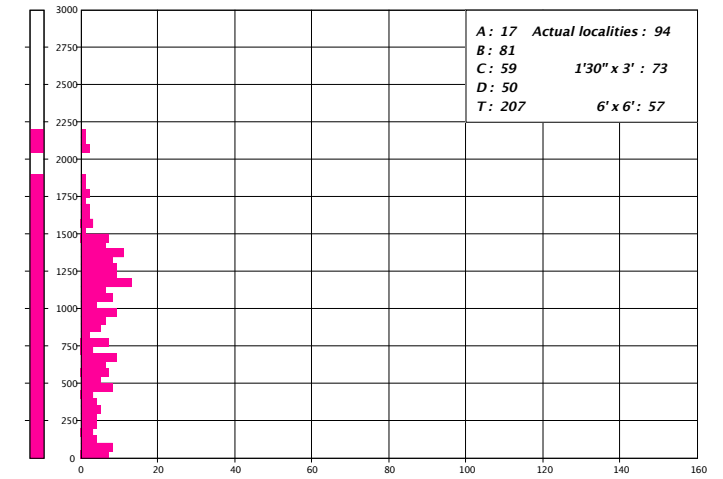
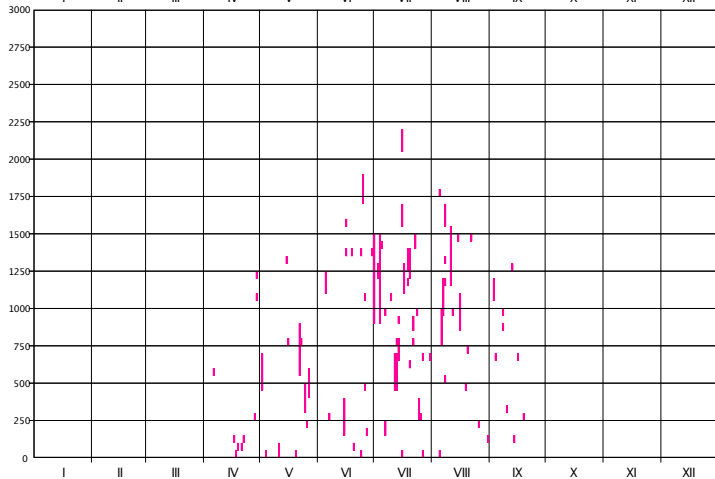
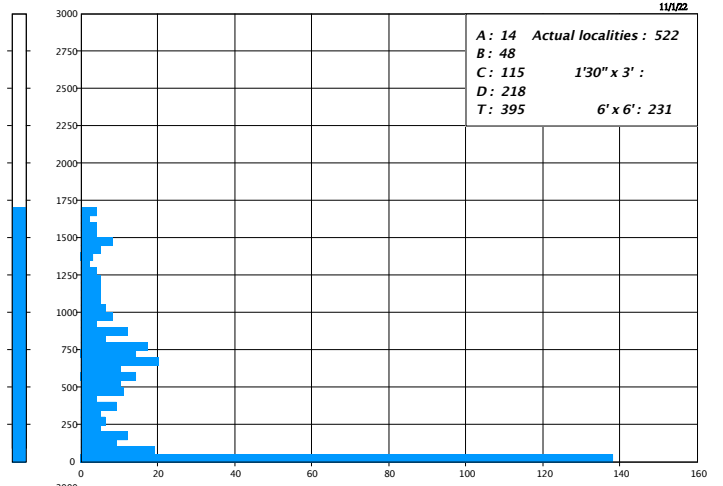
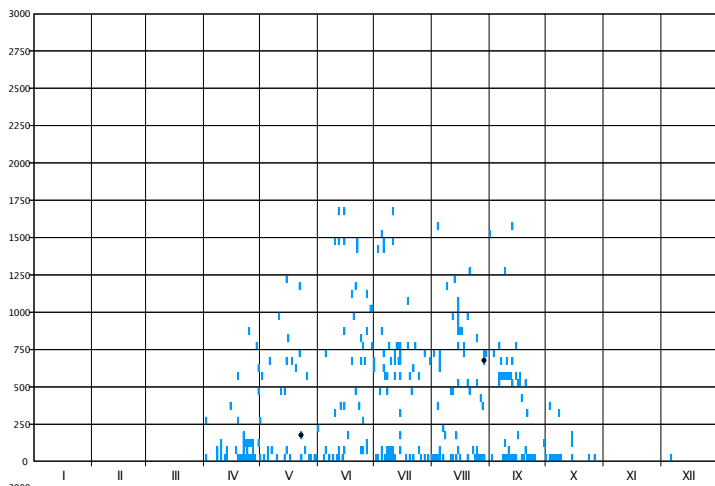
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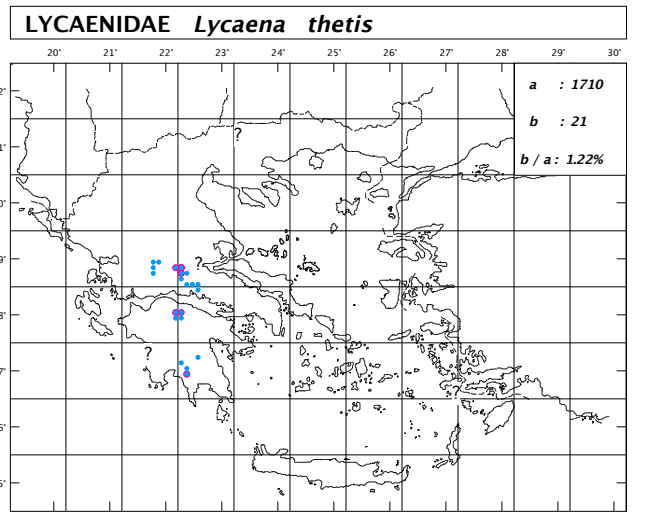
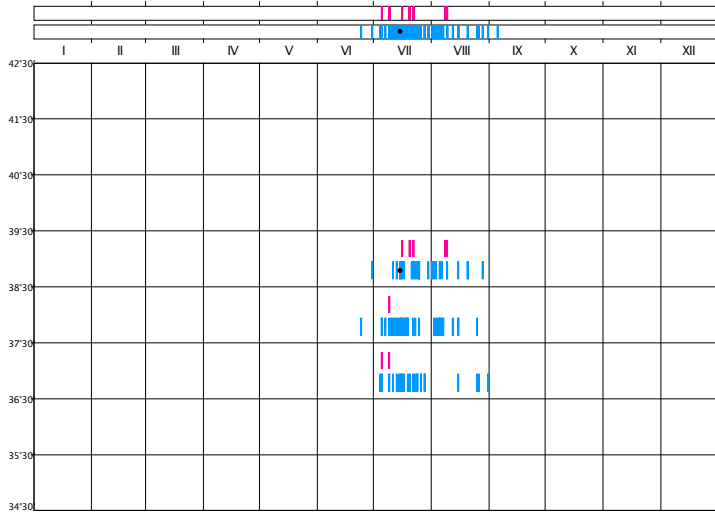
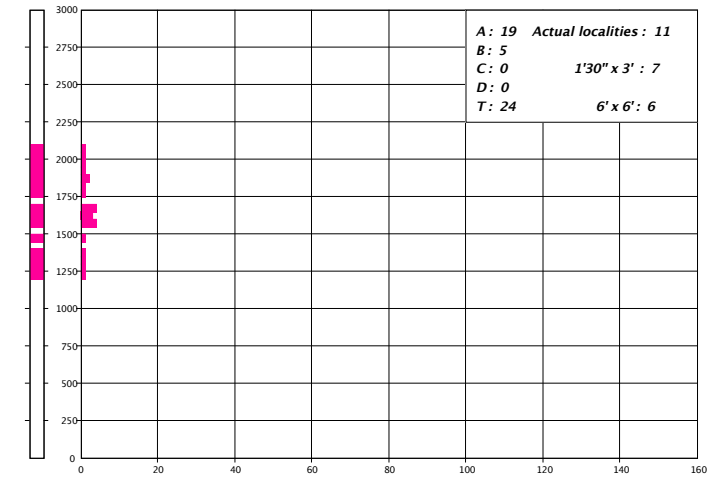
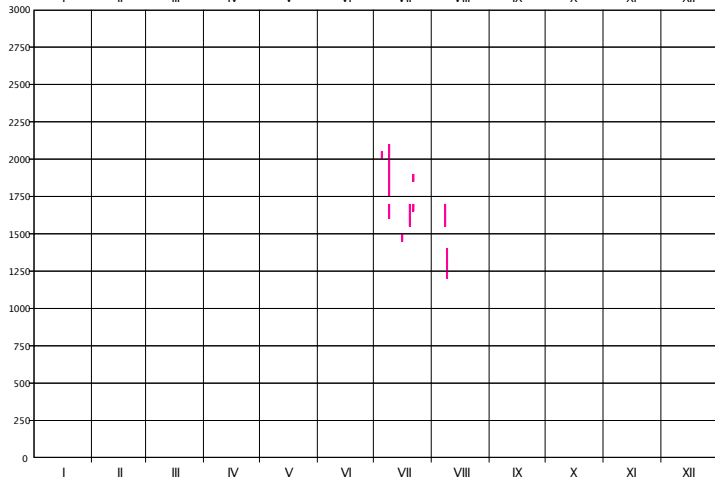
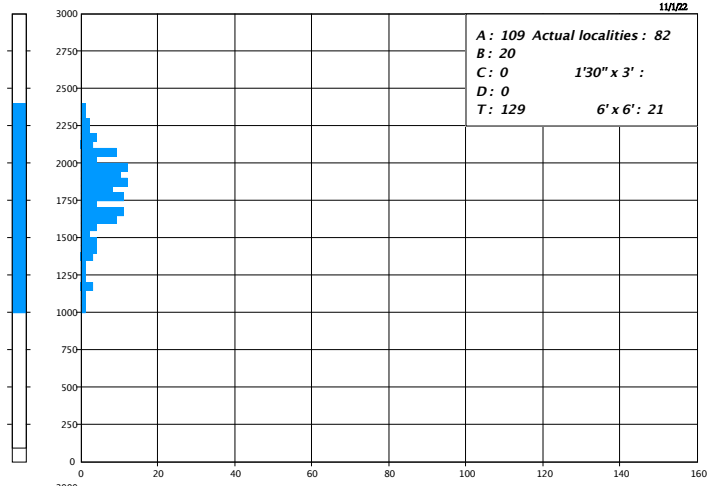
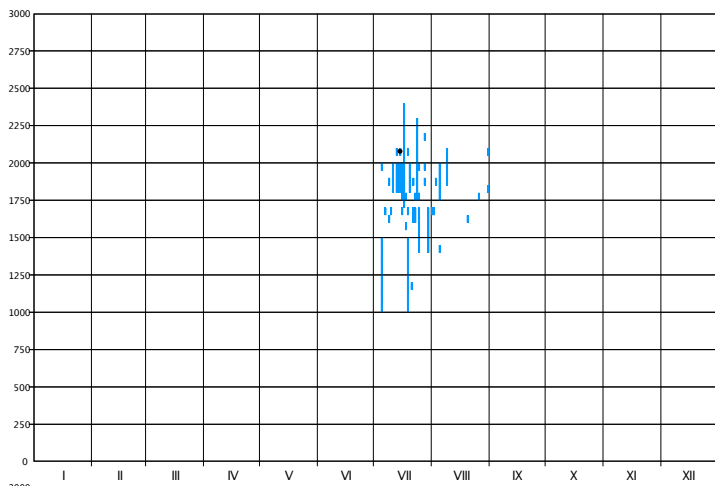


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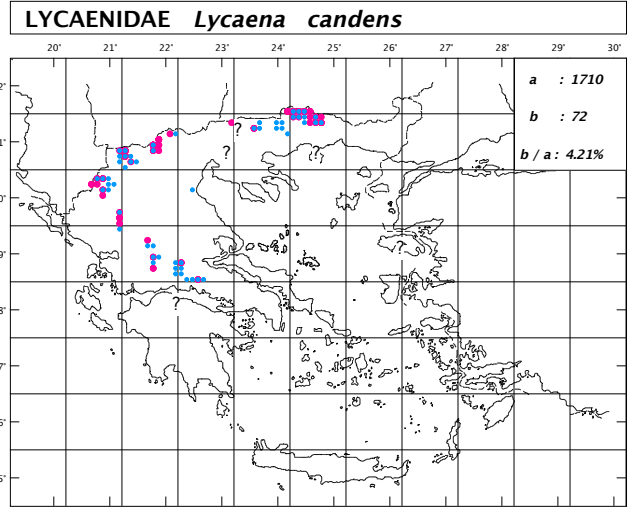
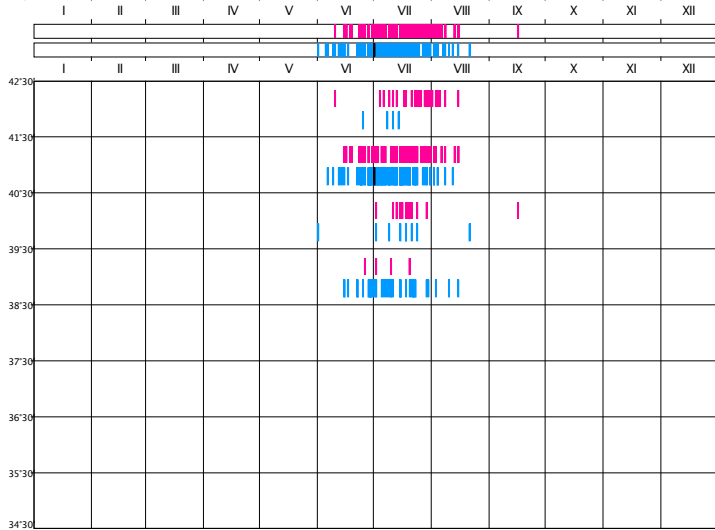
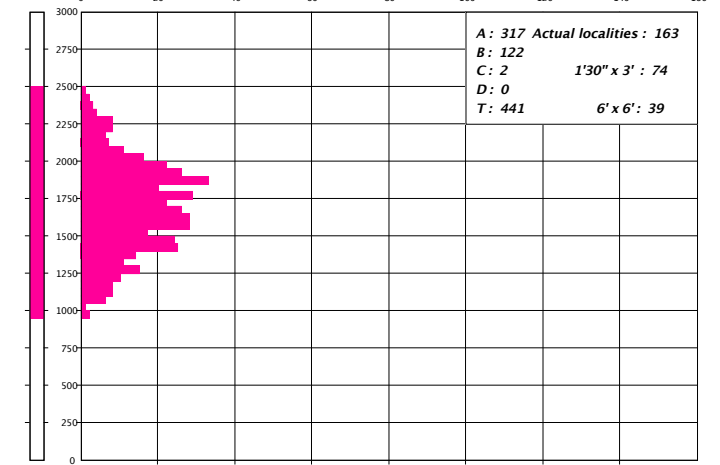
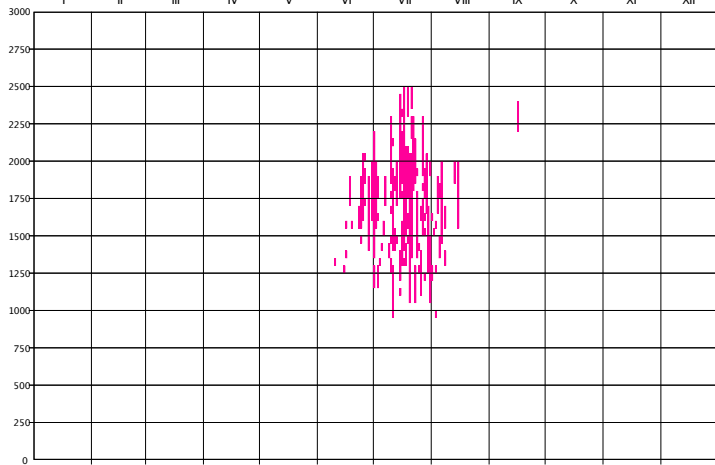
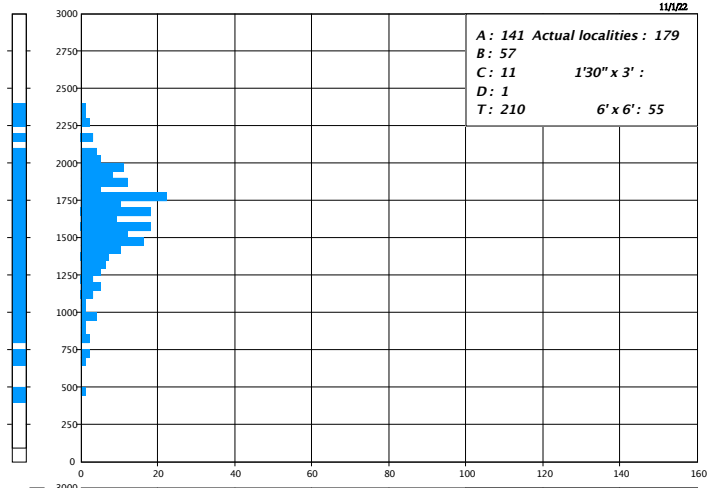
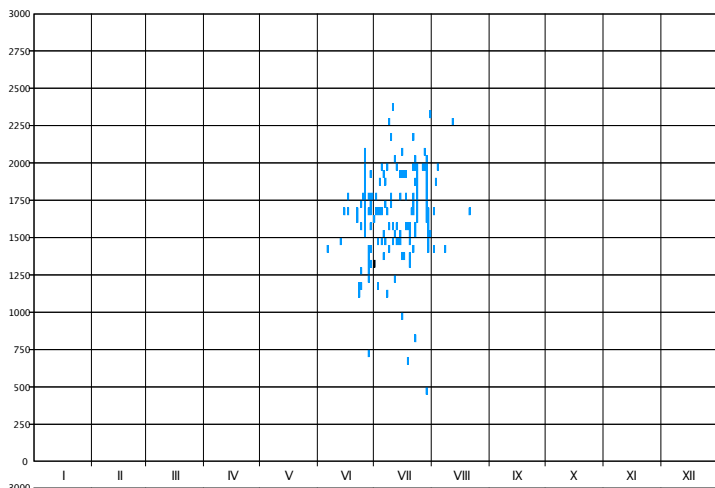


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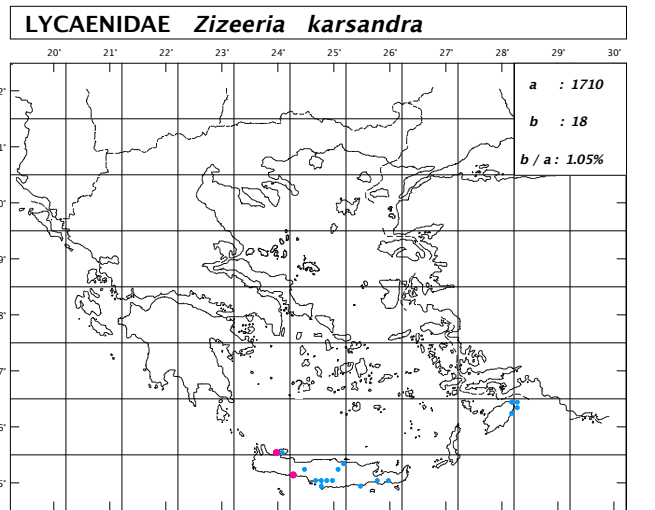
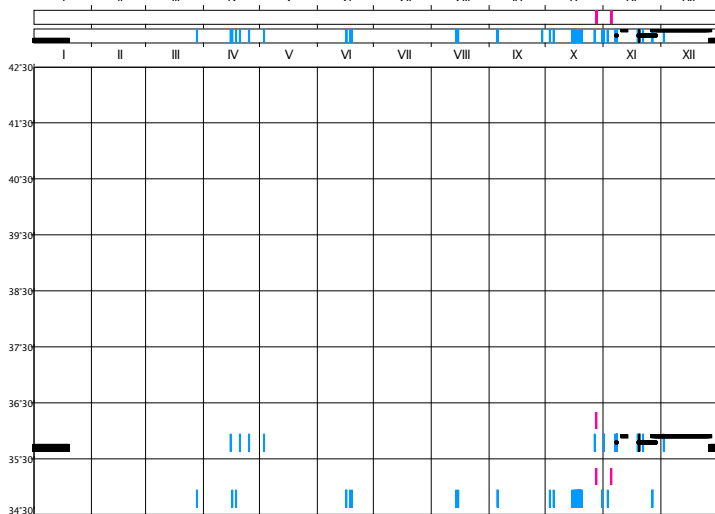
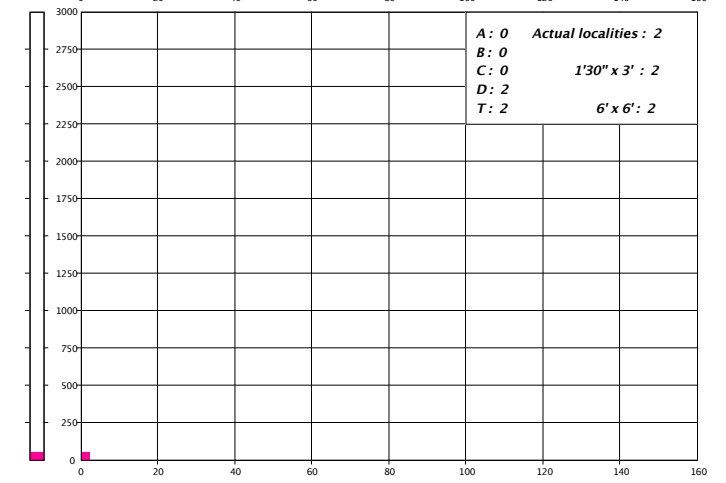
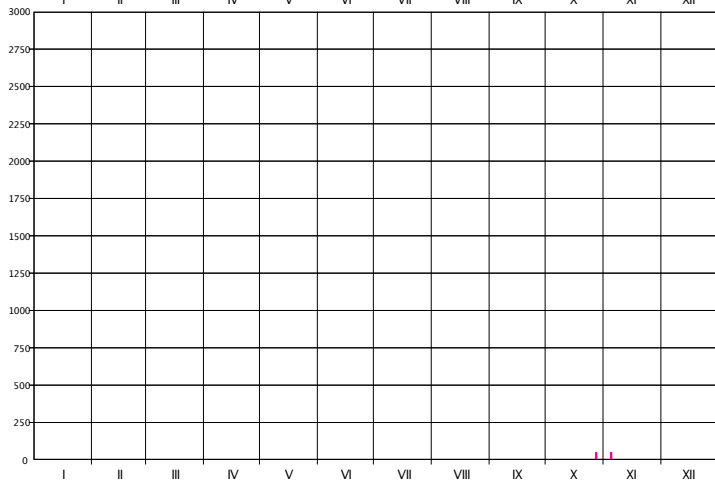
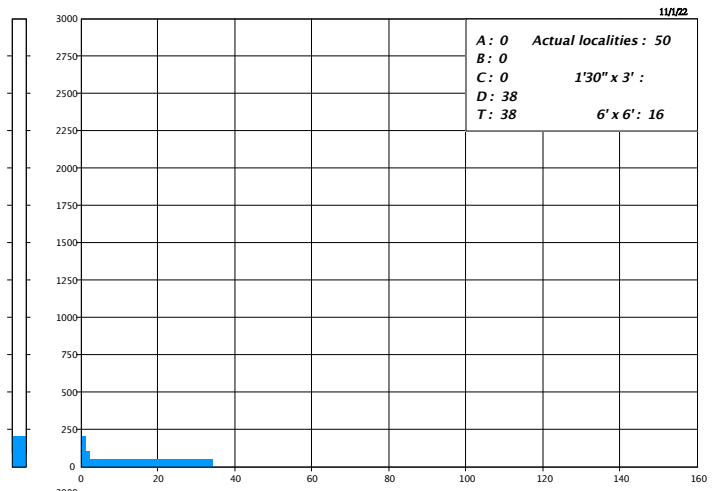
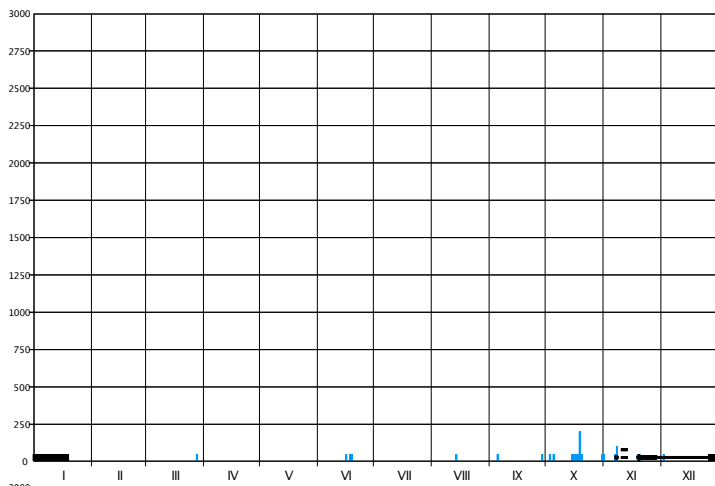


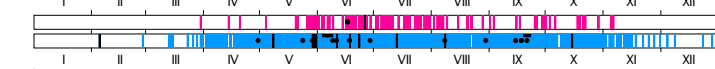
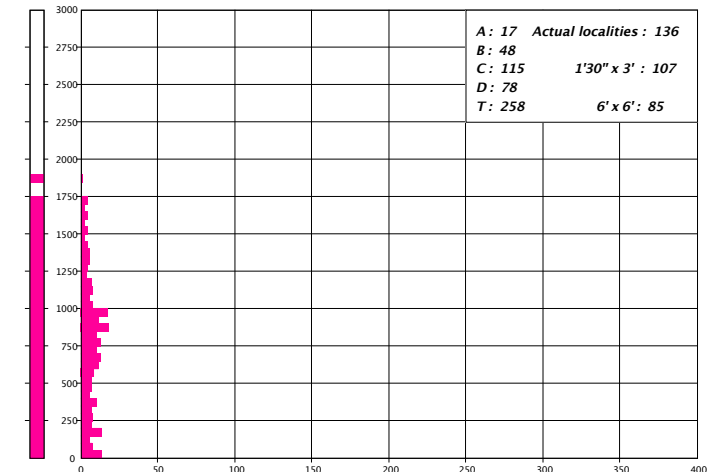
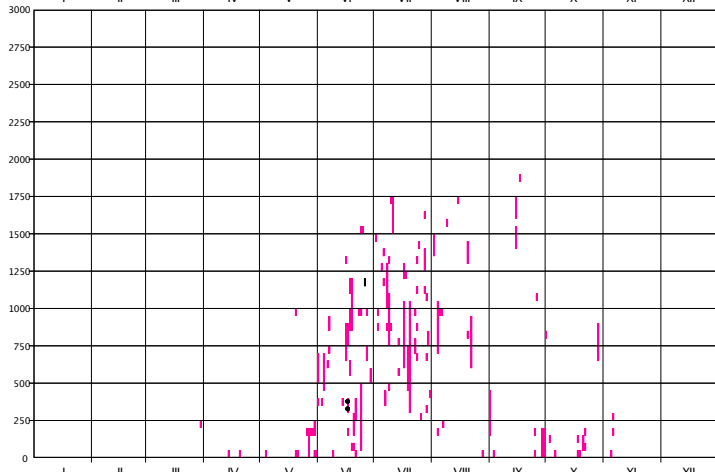
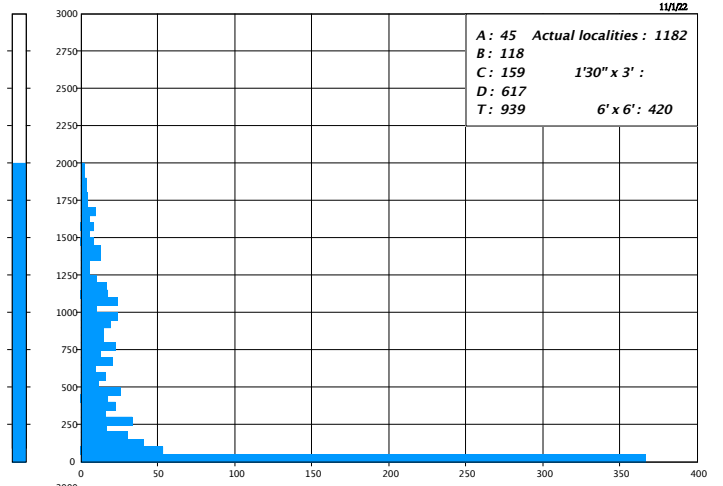
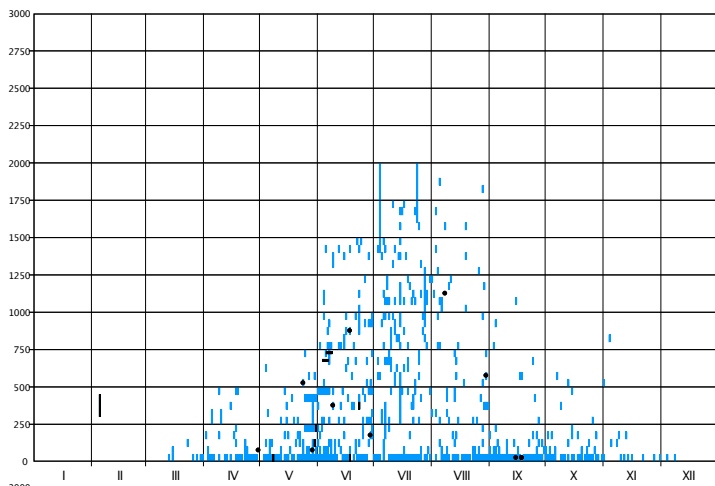


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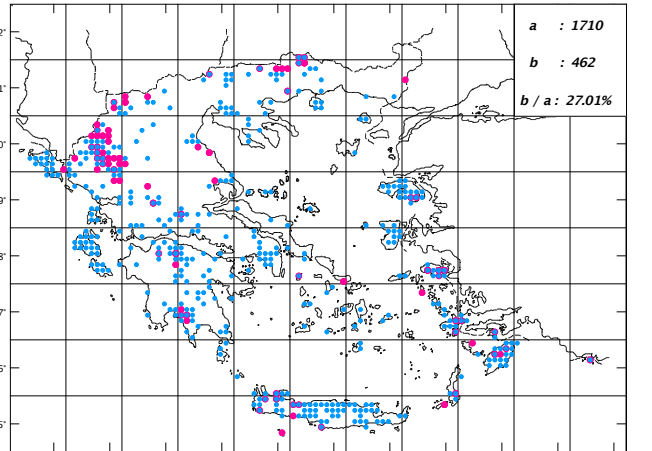
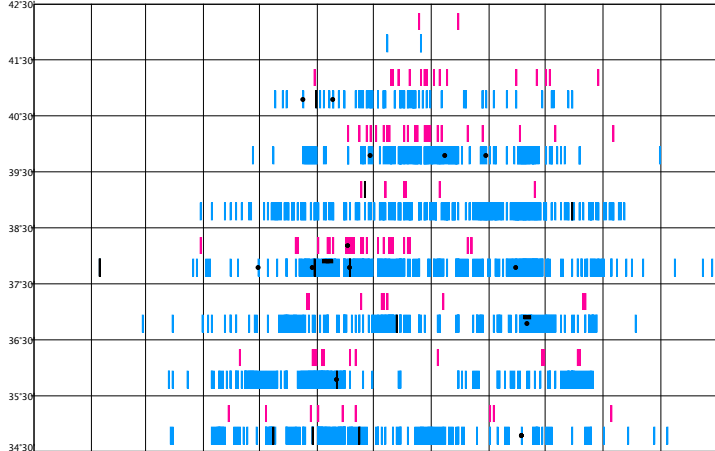


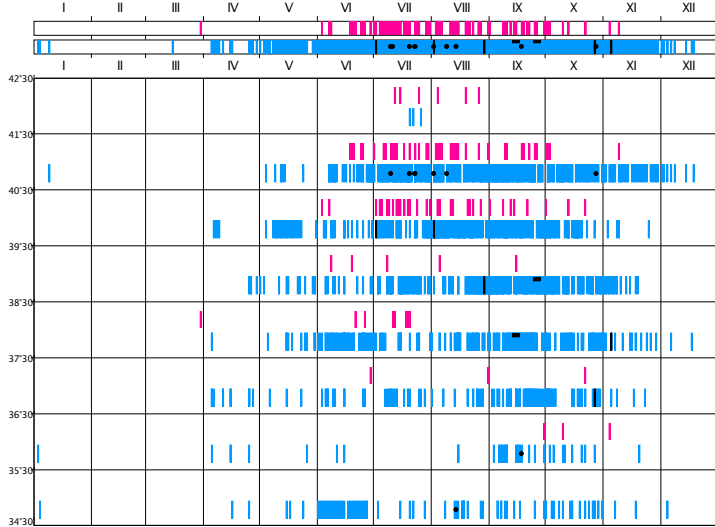
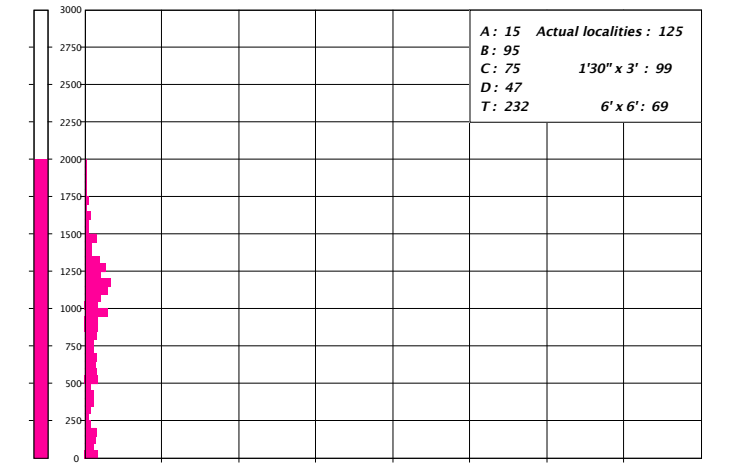
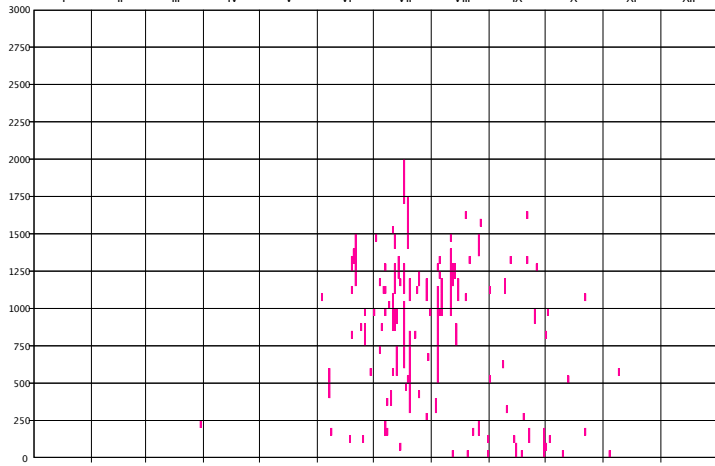
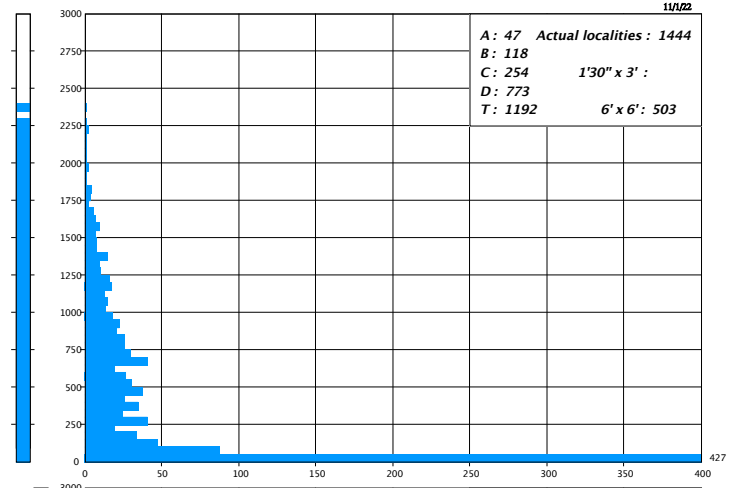
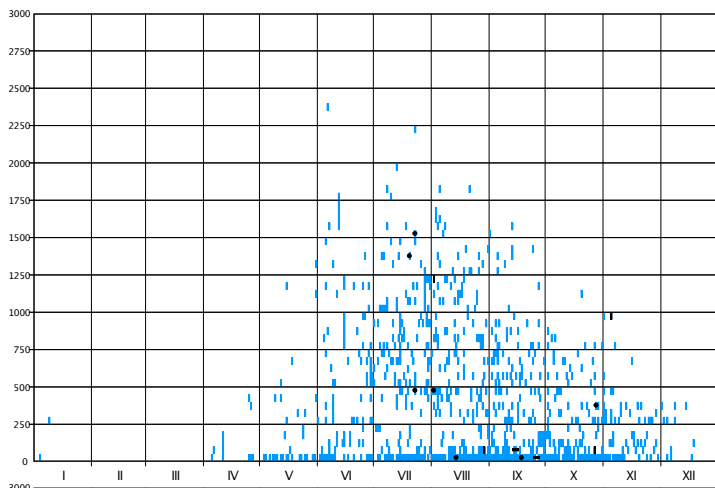
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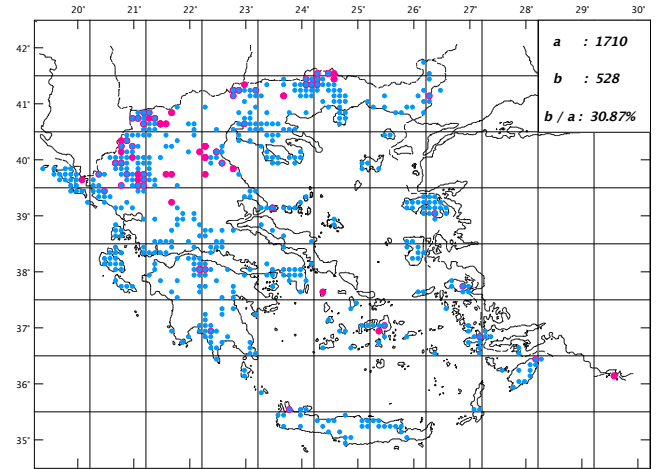


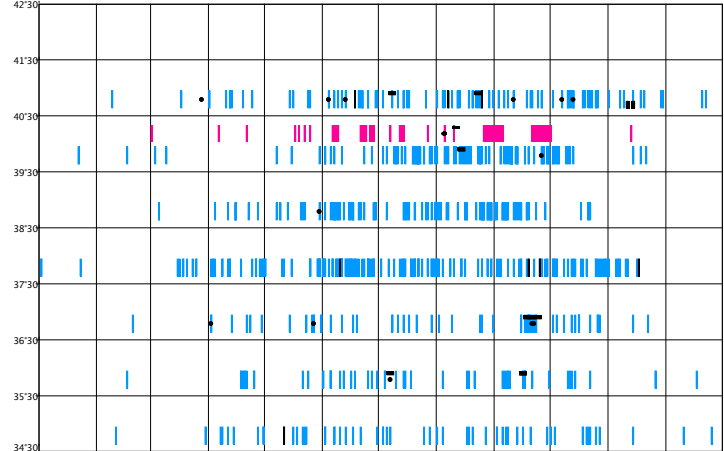
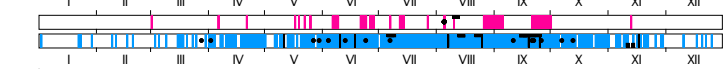
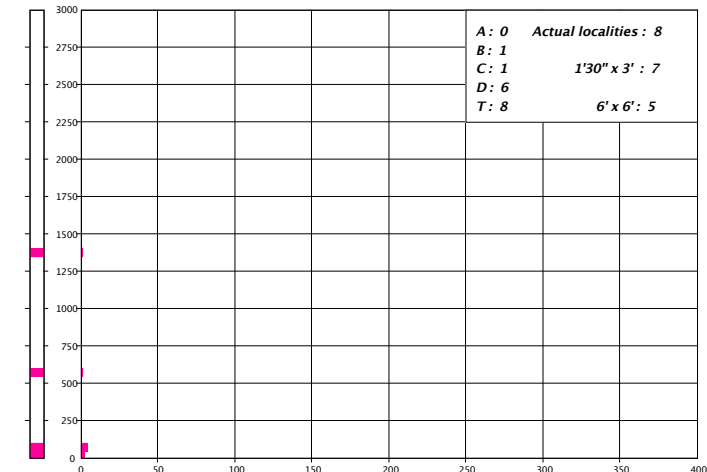
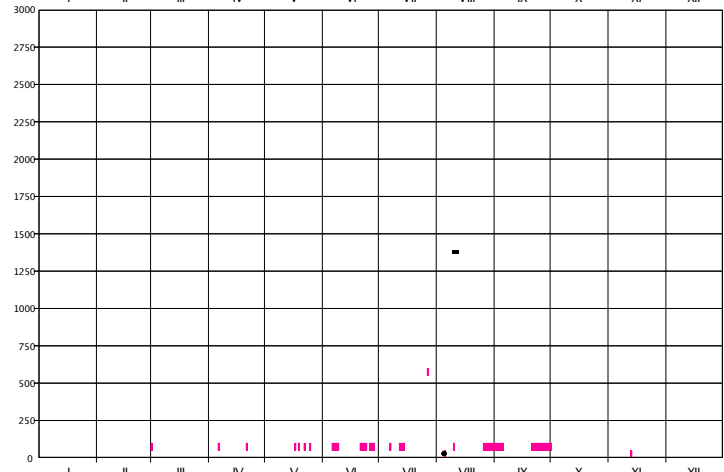
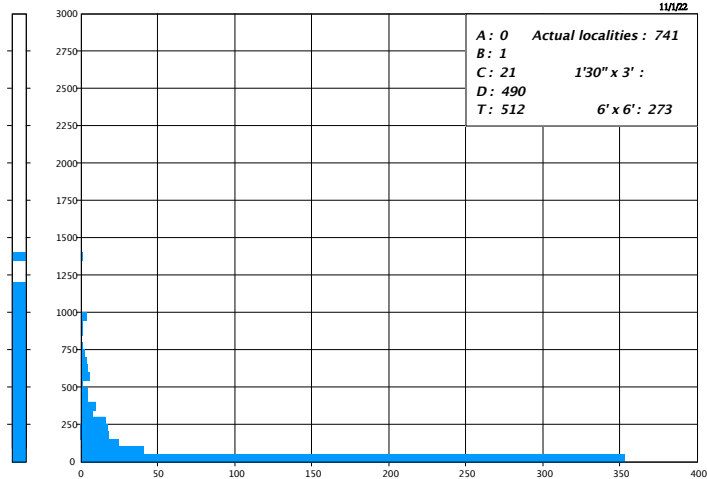
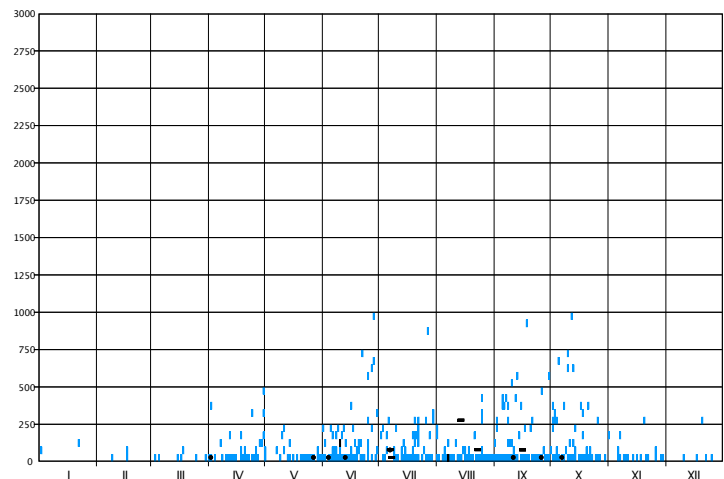
**LYCAENIDAE *Lampides boeticus***



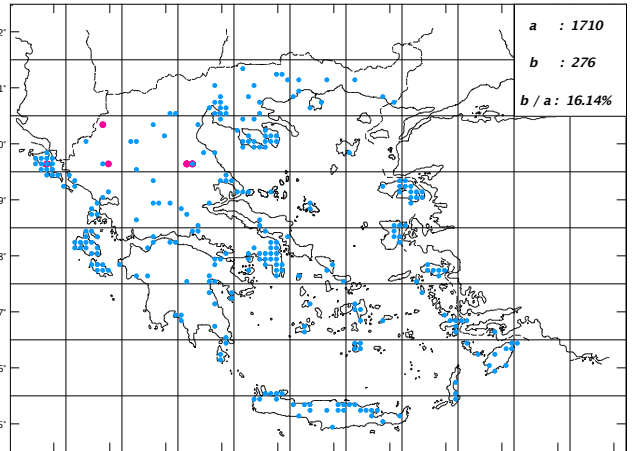


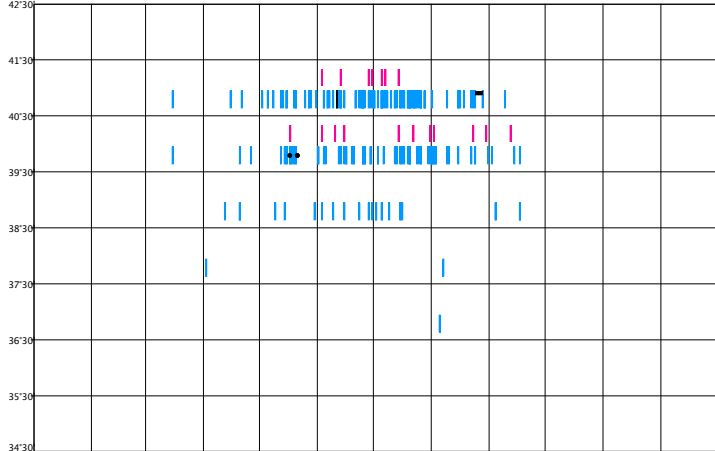
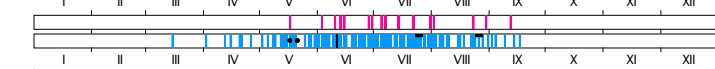
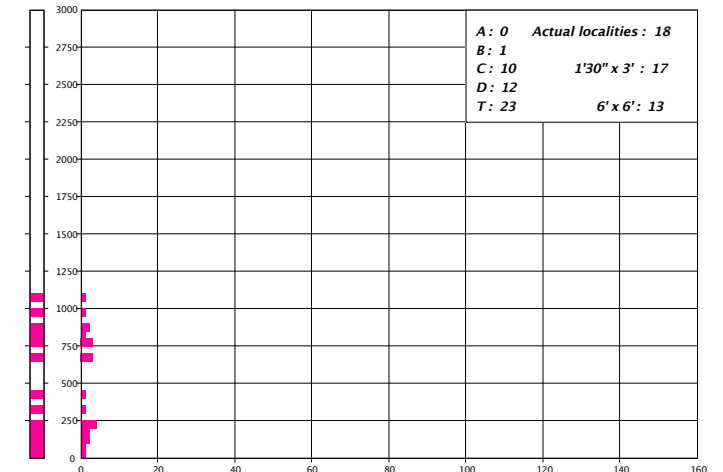
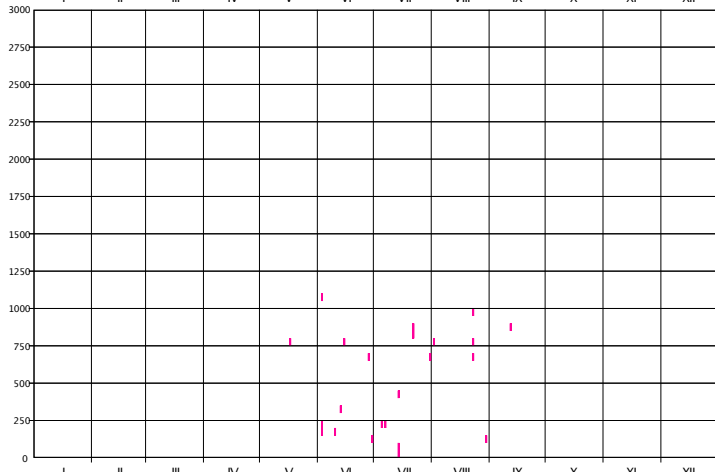
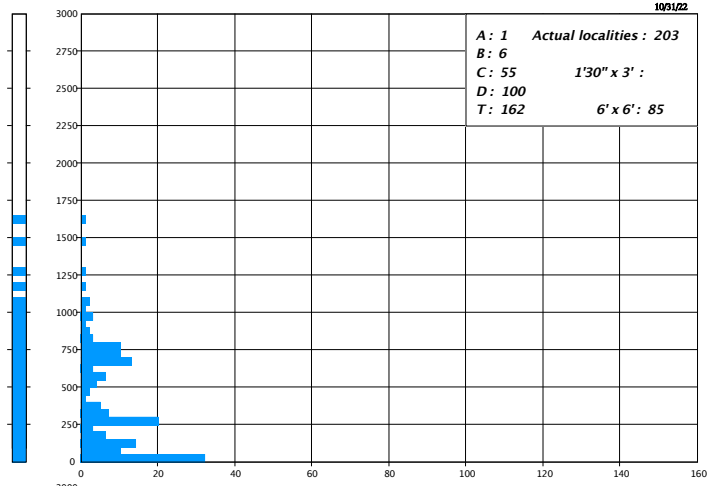
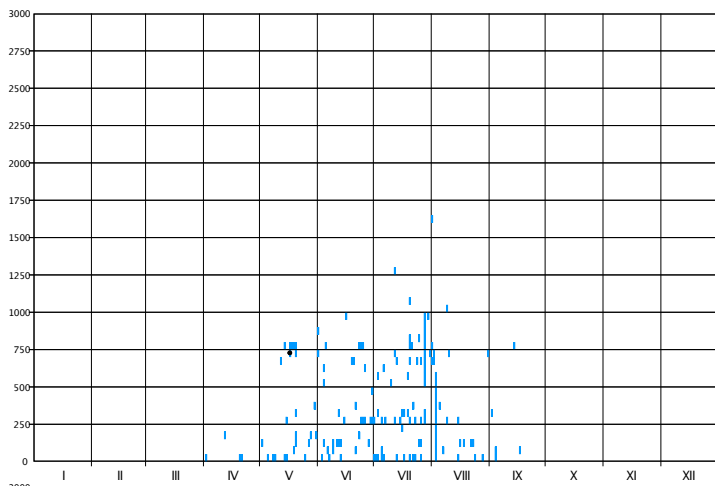
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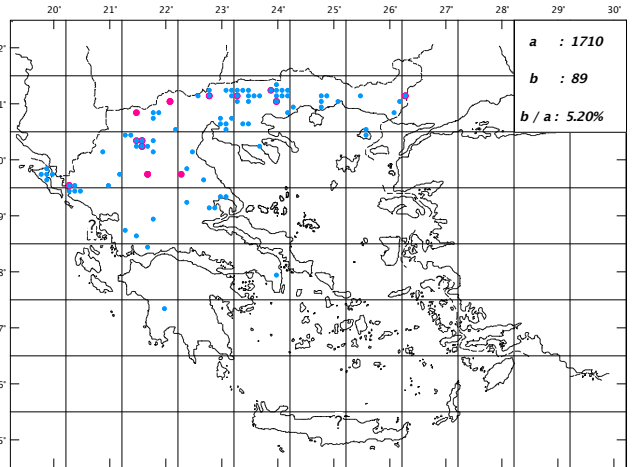


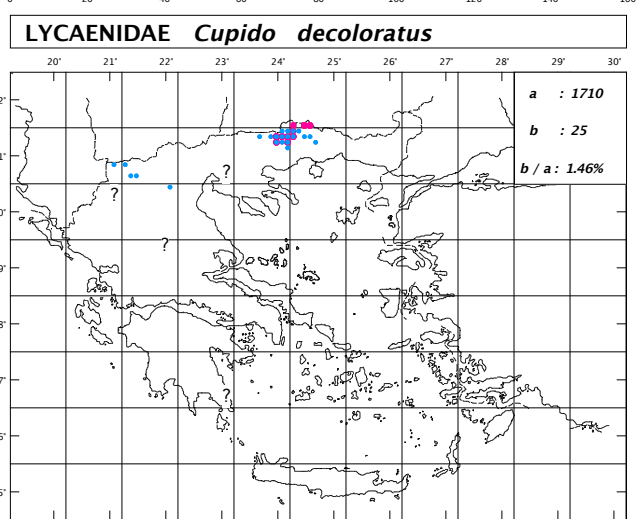
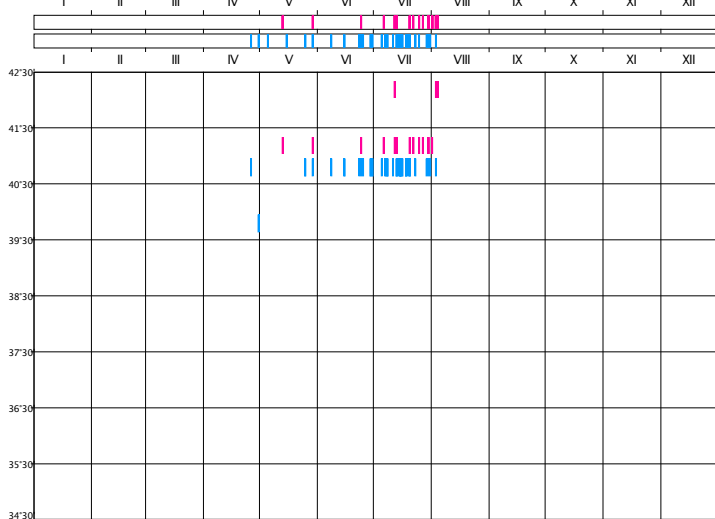
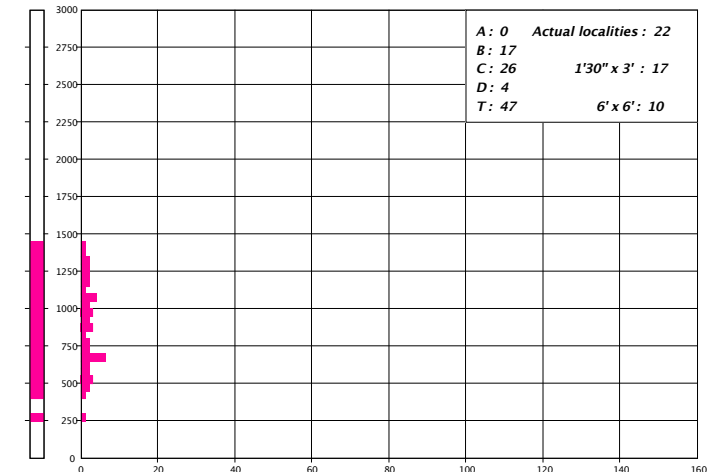
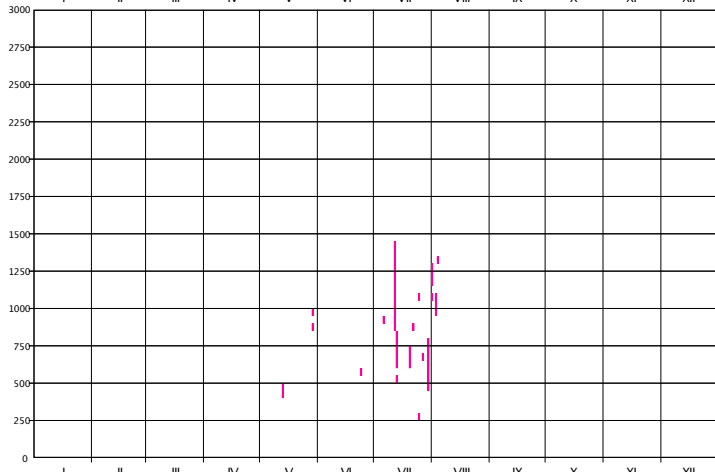
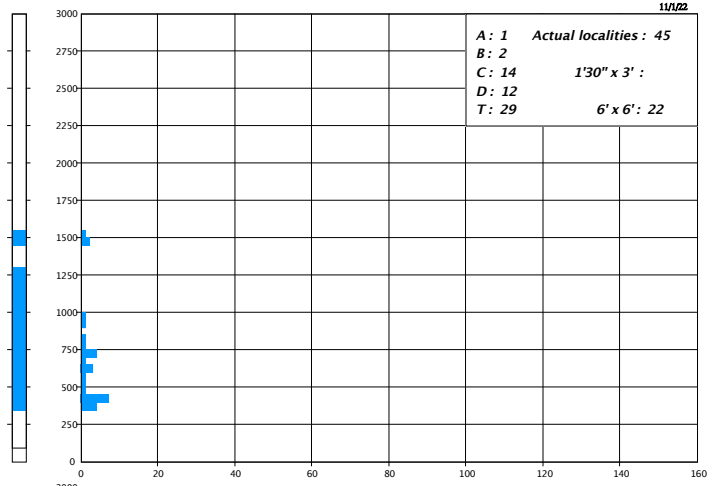
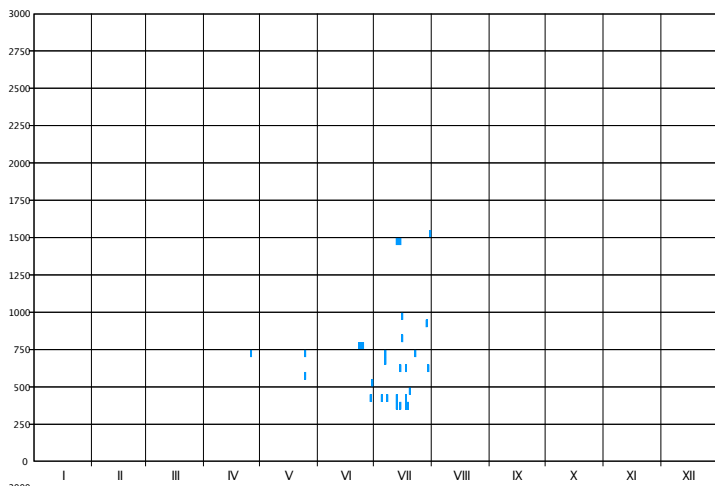
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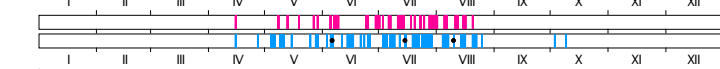
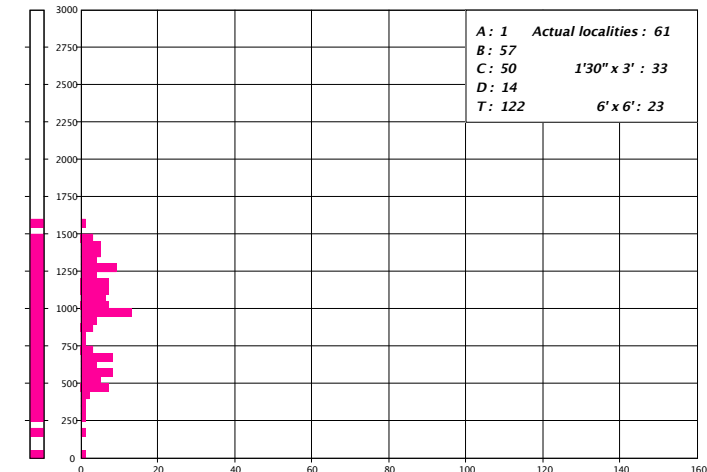
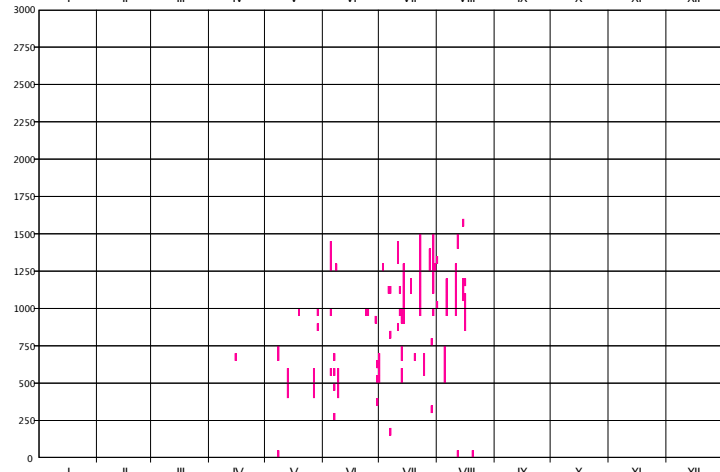
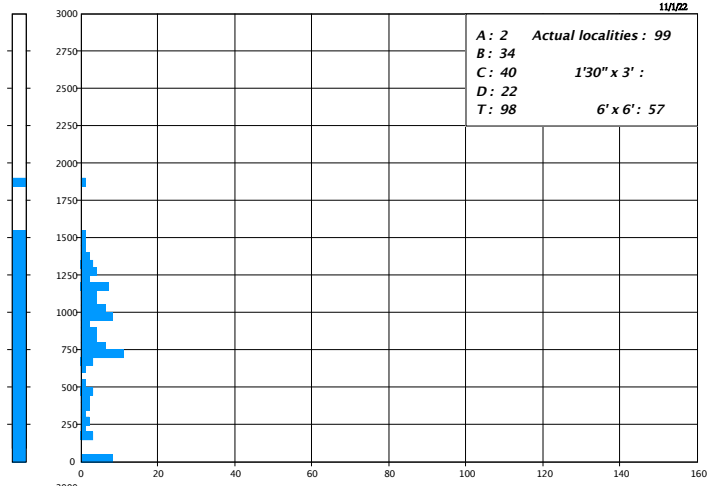
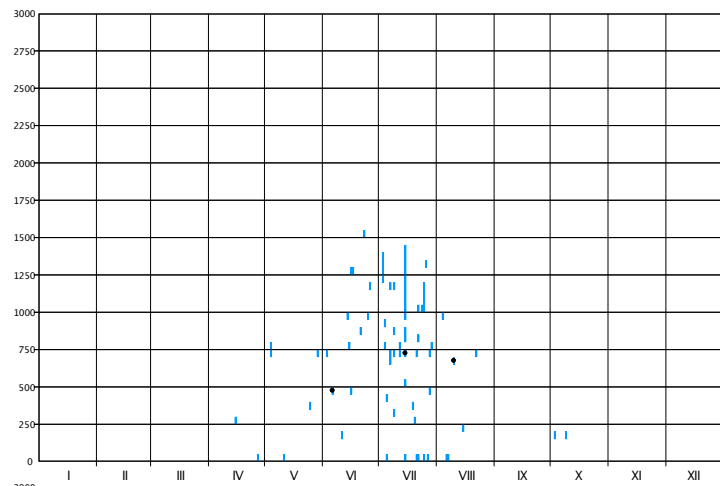


**LYCAENIDAE *Tarucus balkanicus***

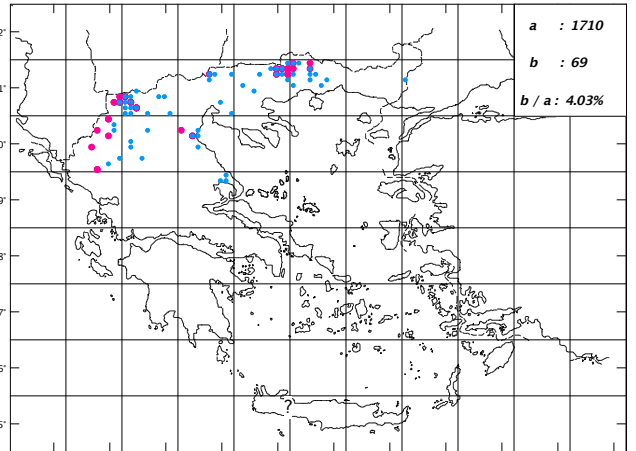
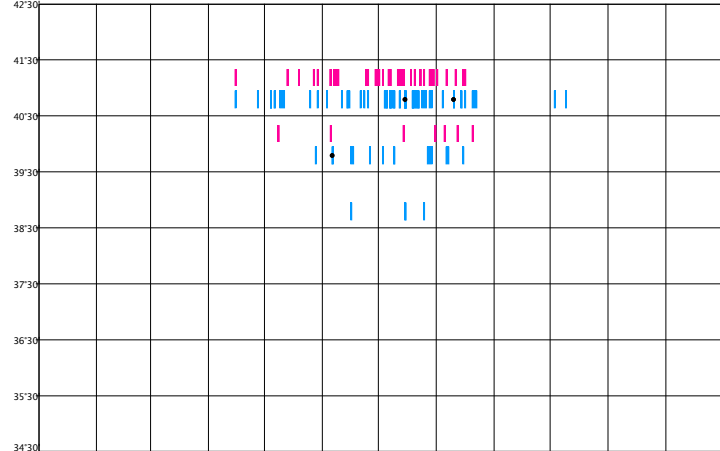


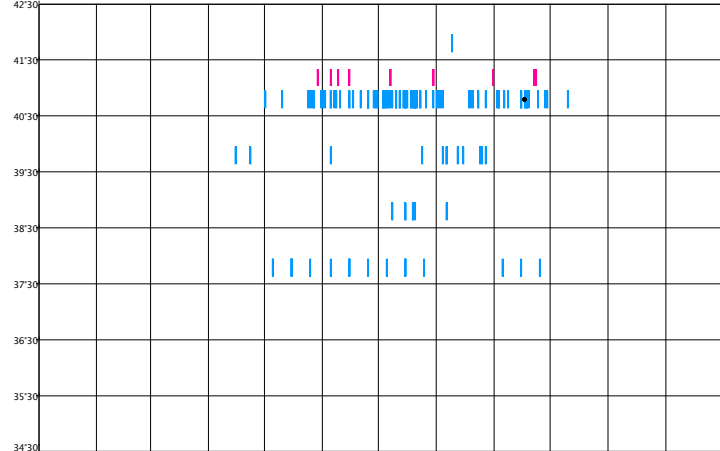
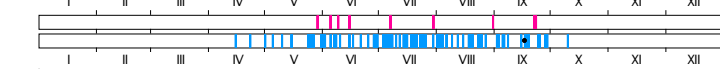
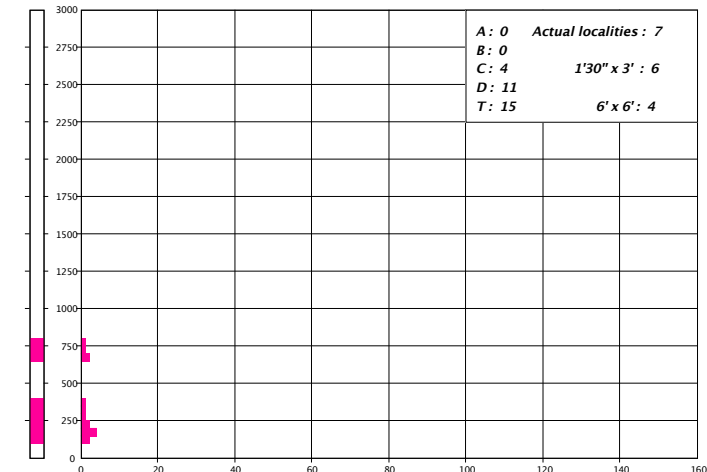
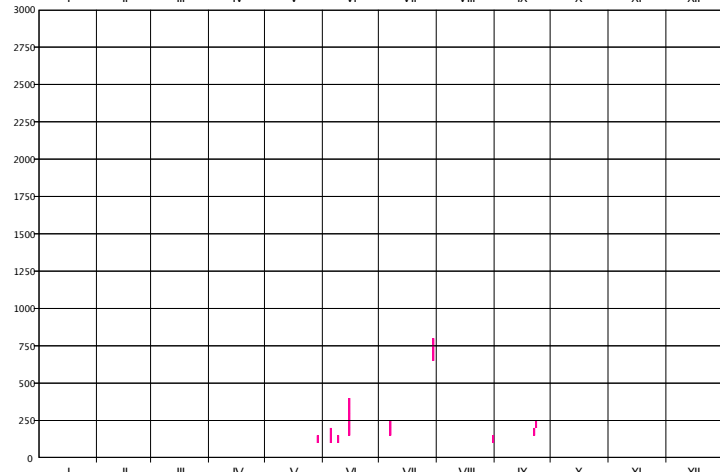
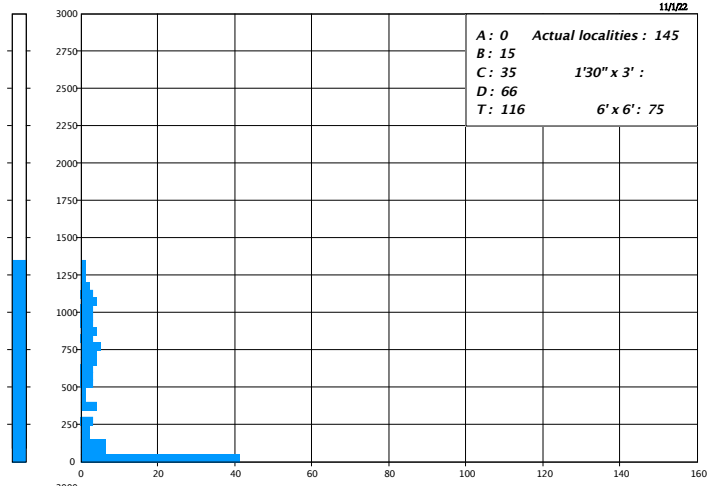
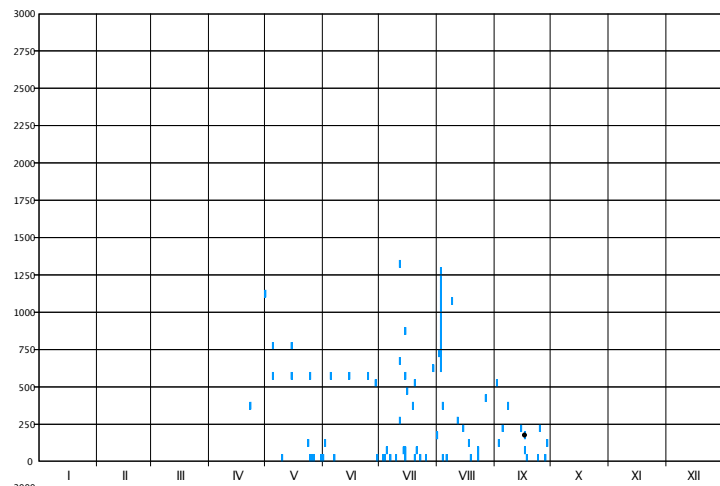




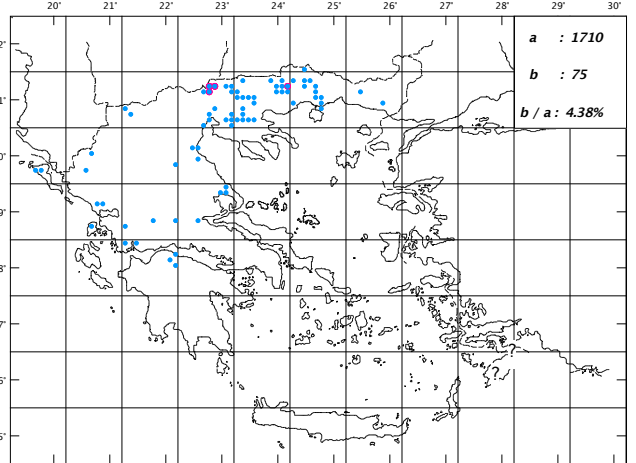


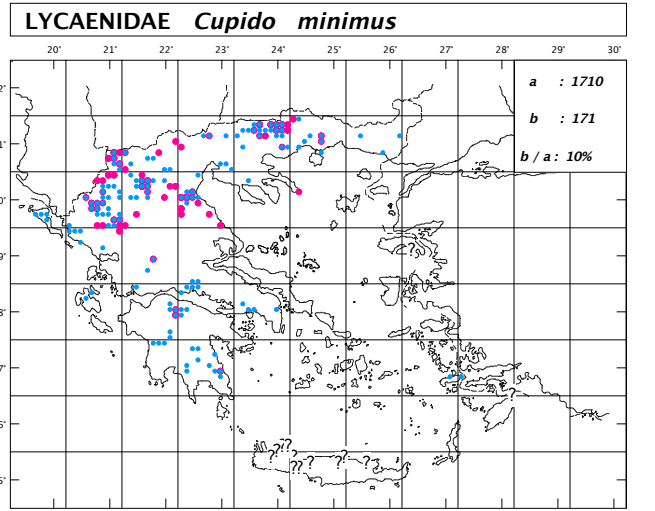
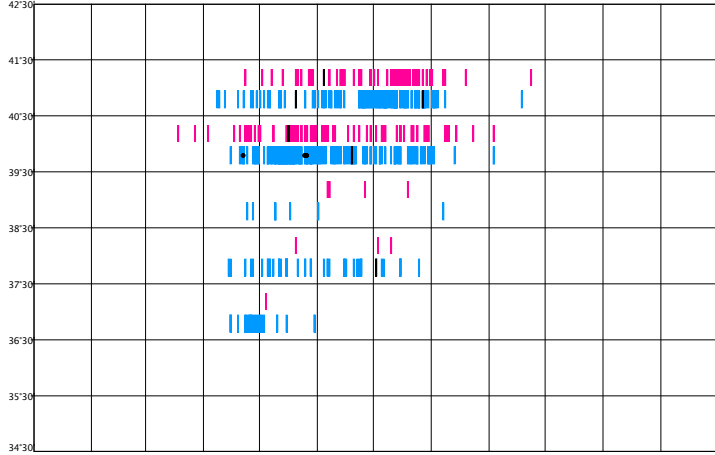
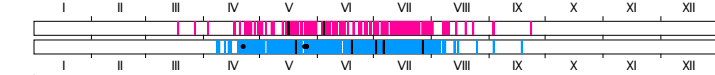
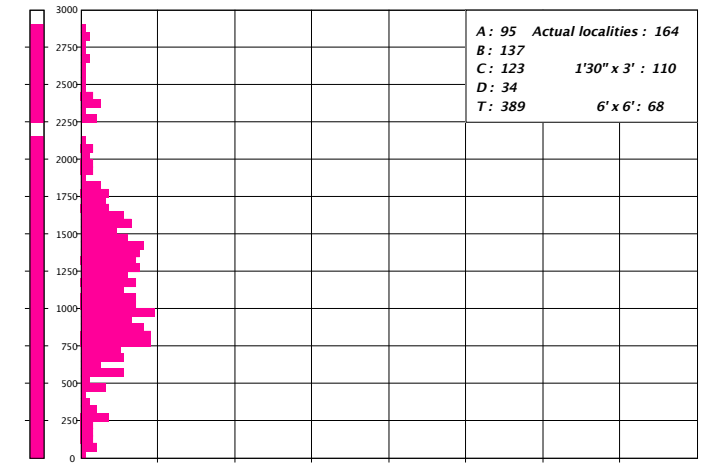
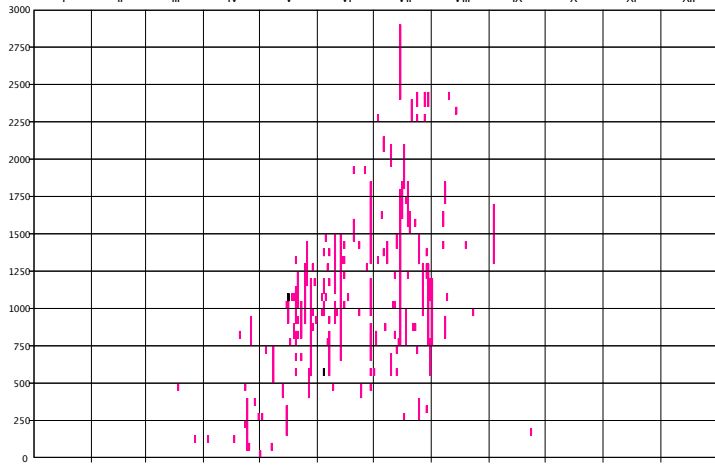
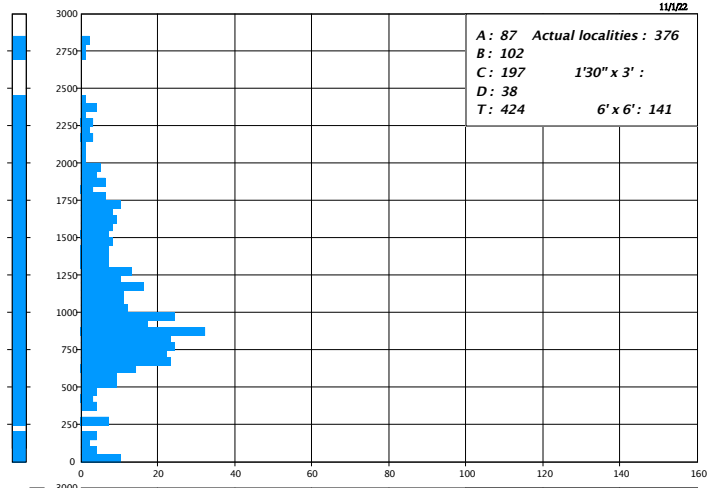
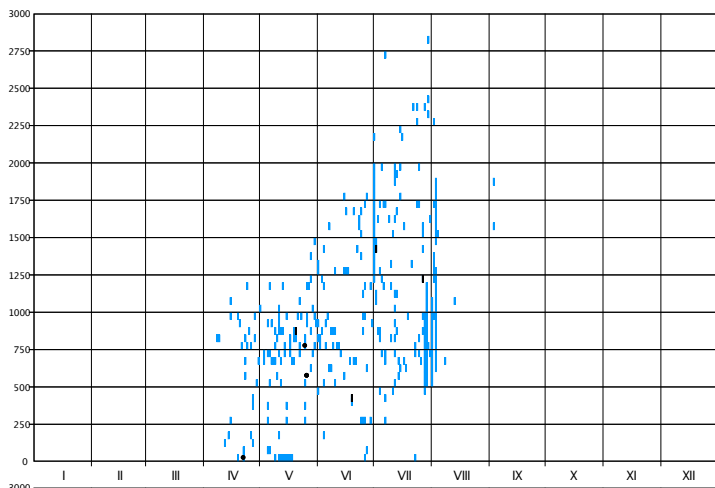
**LYCAENIDAE *Cupido alcetas***

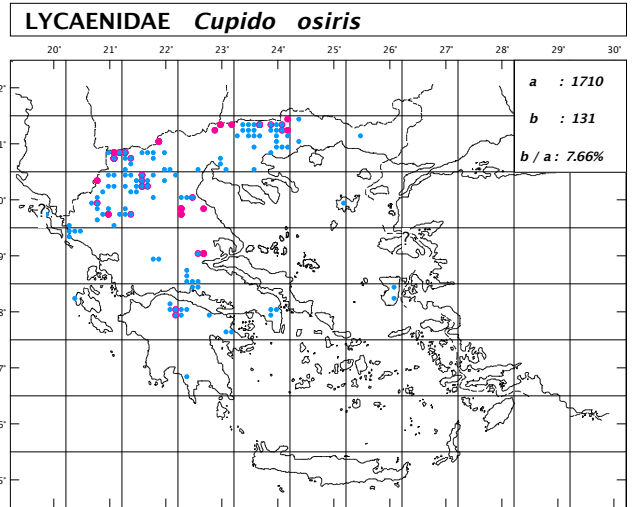
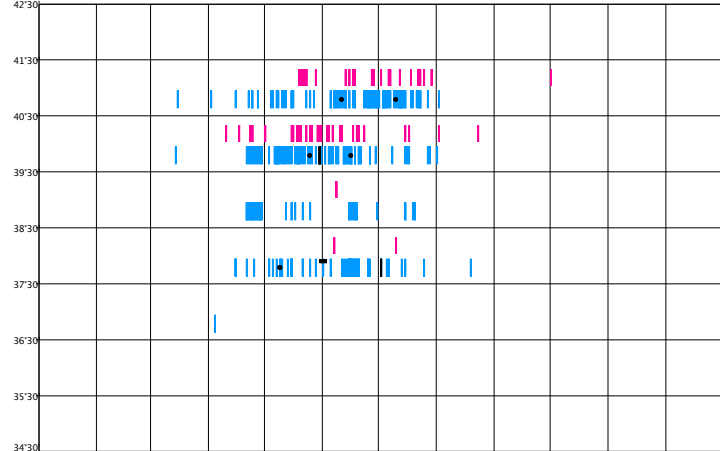
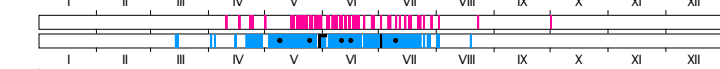
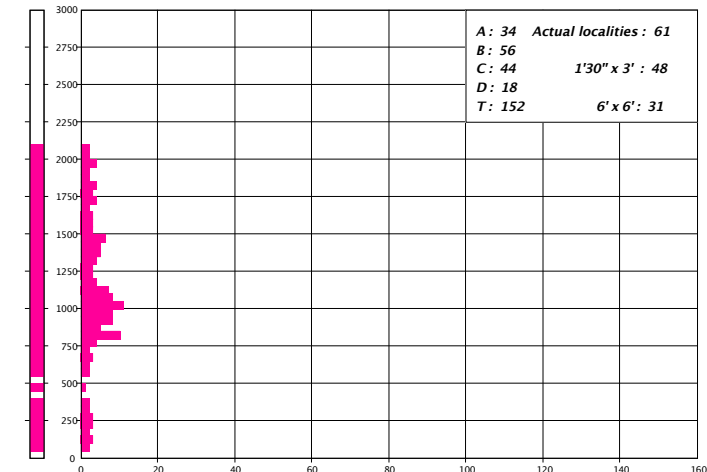
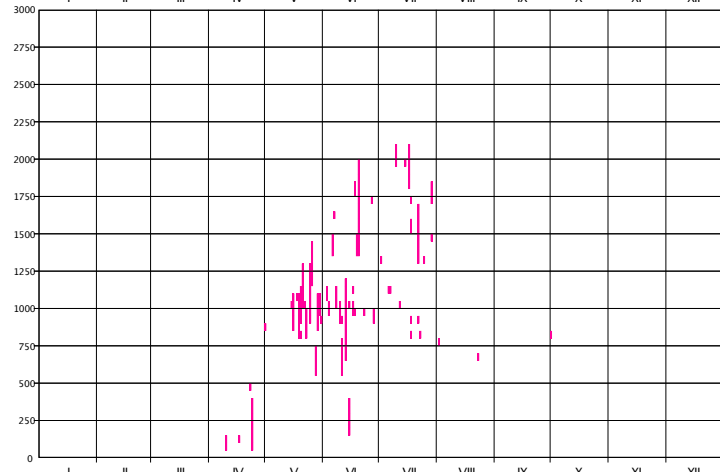
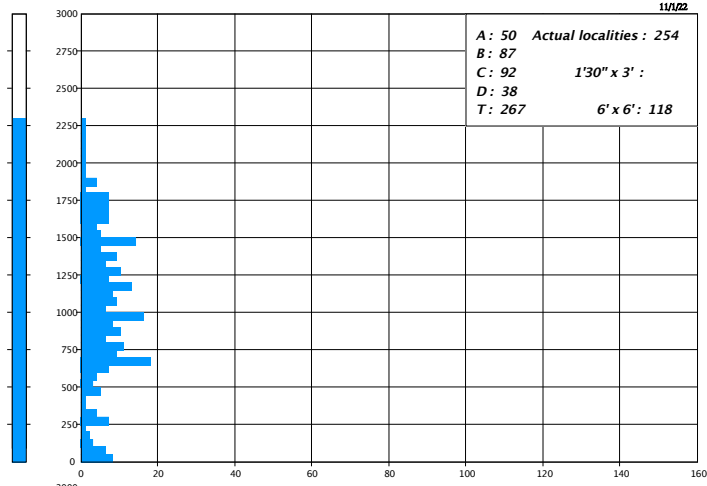
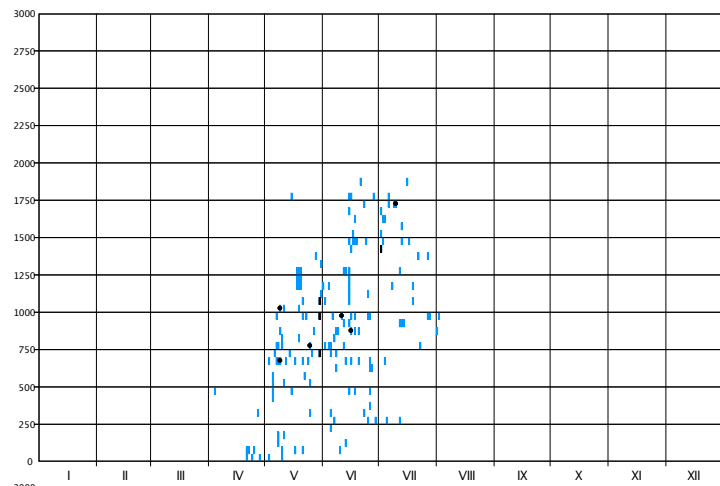


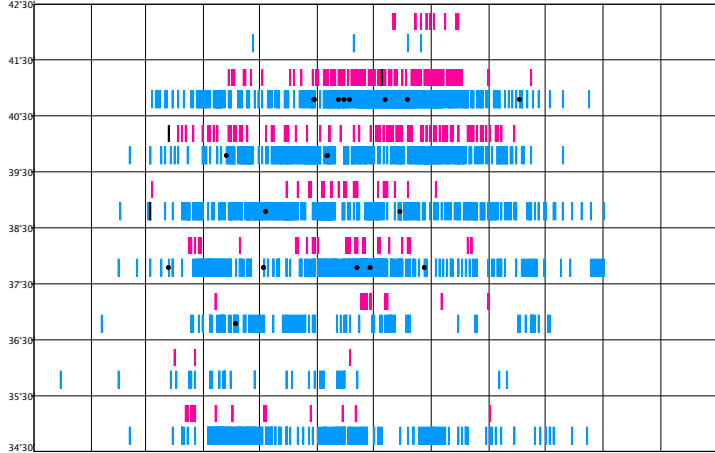
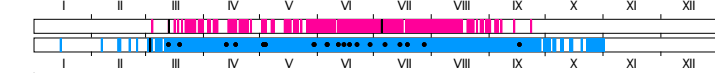
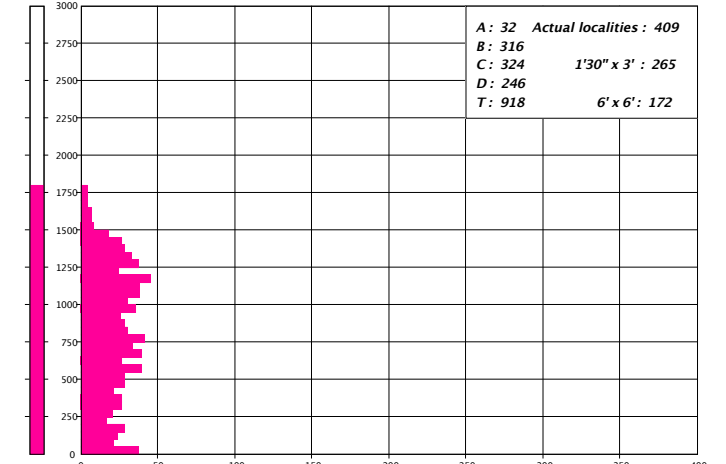
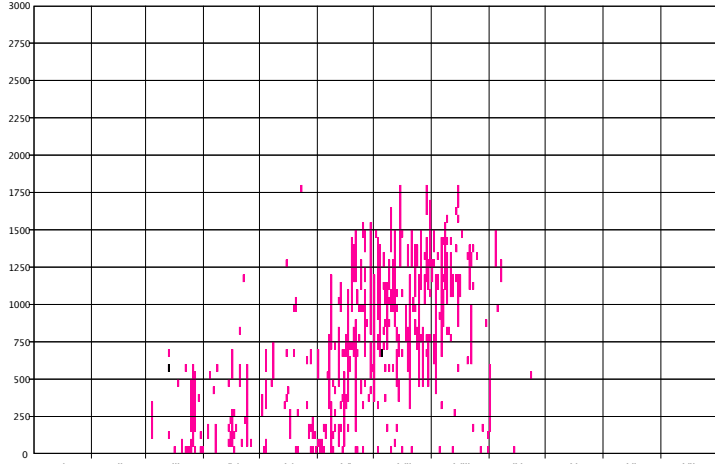
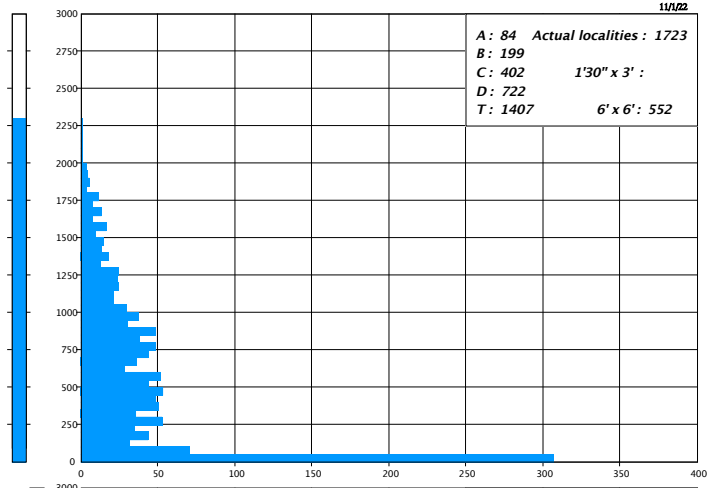
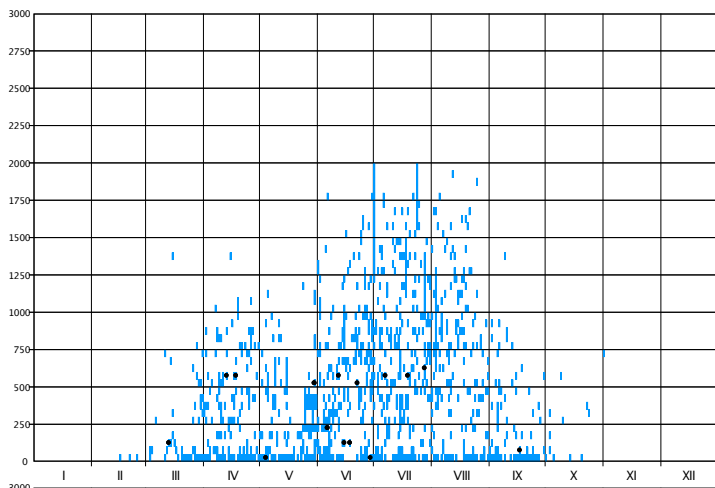


**LYCAENIDAE *Cupido argiades***

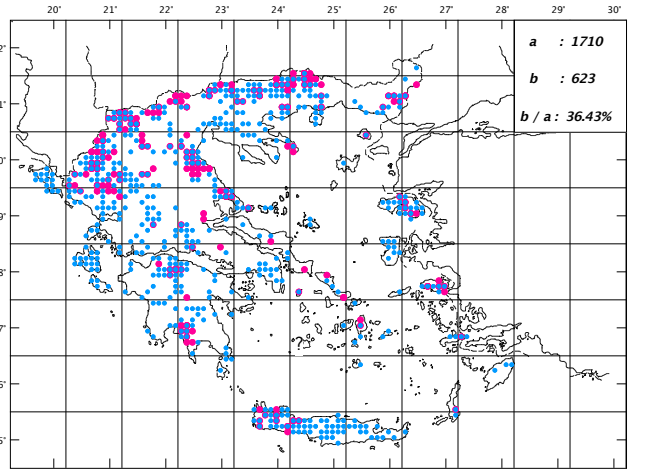


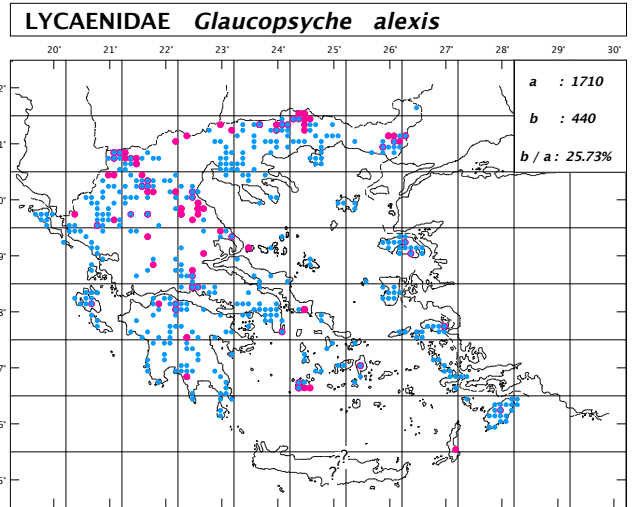
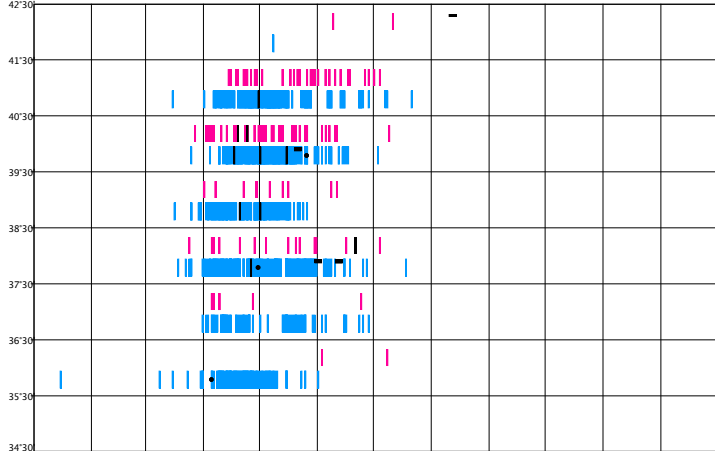
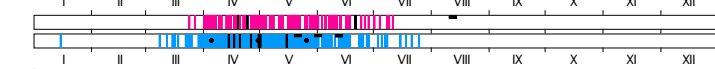
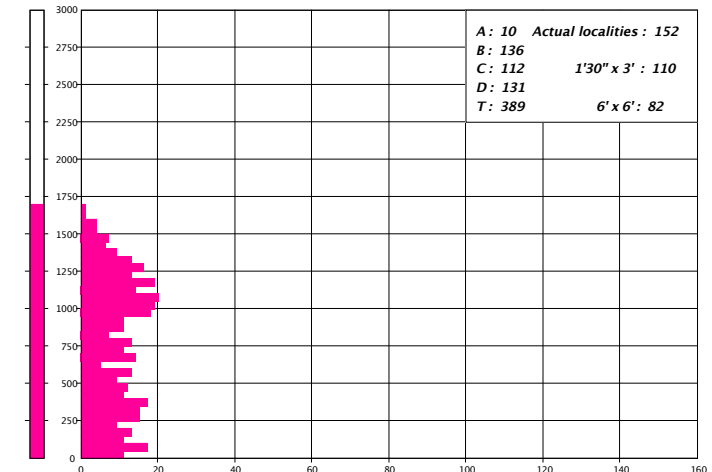
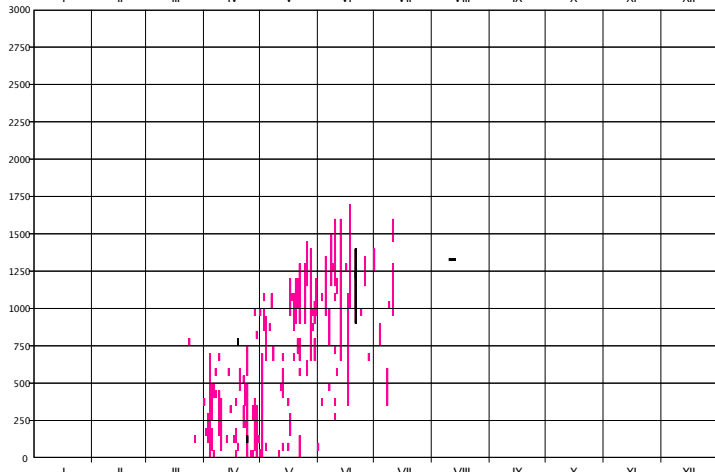
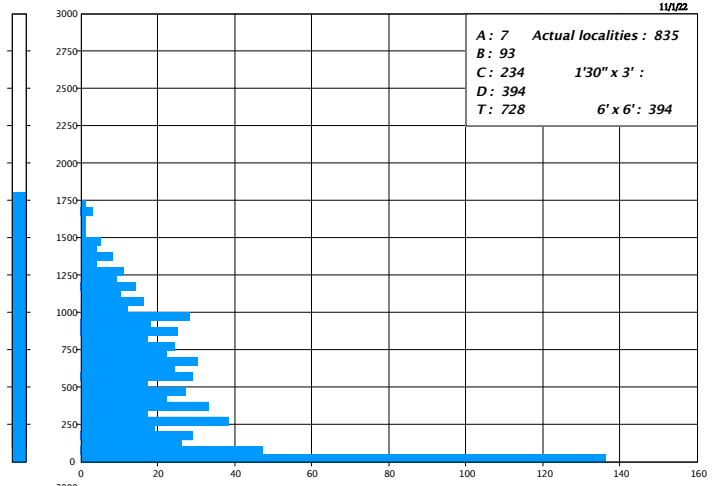
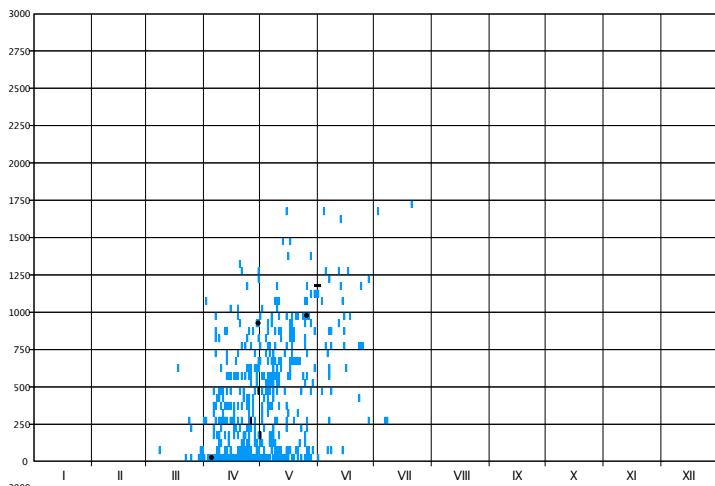


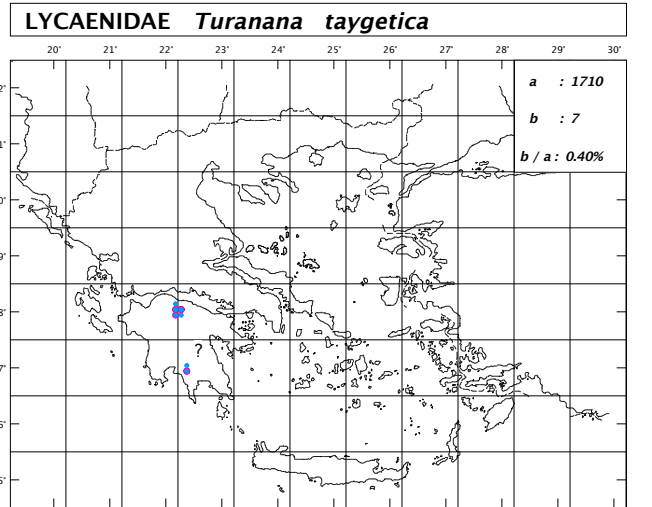
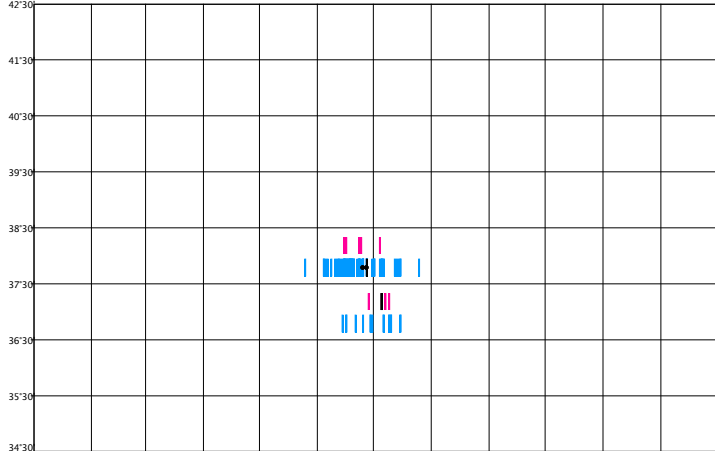
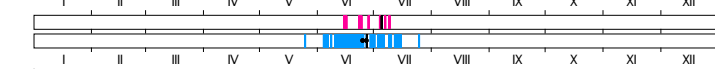
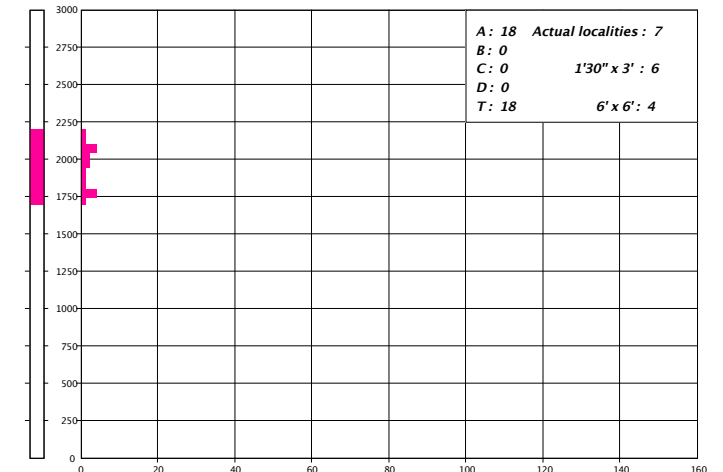
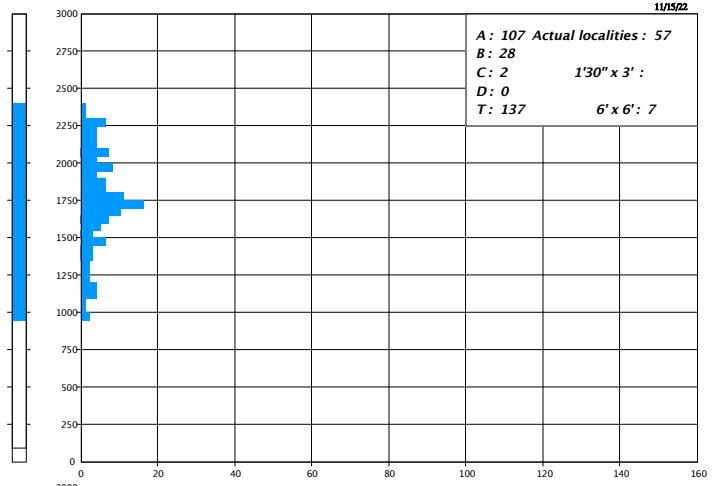
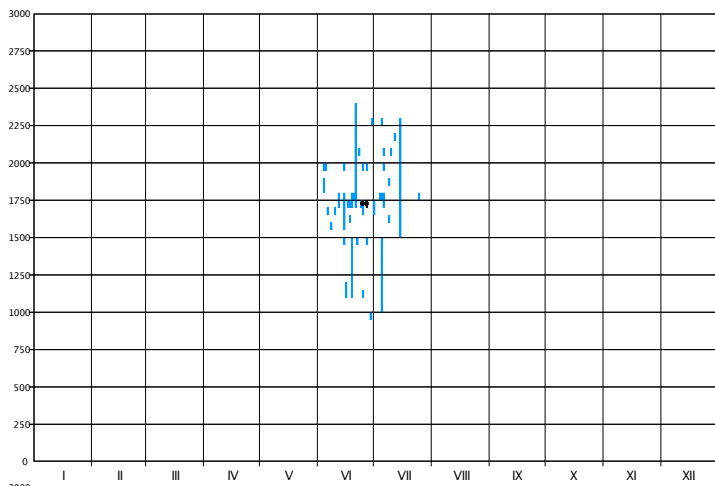


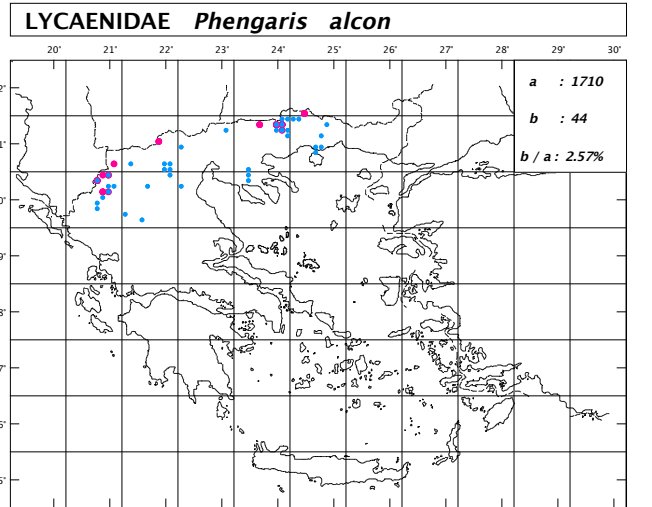
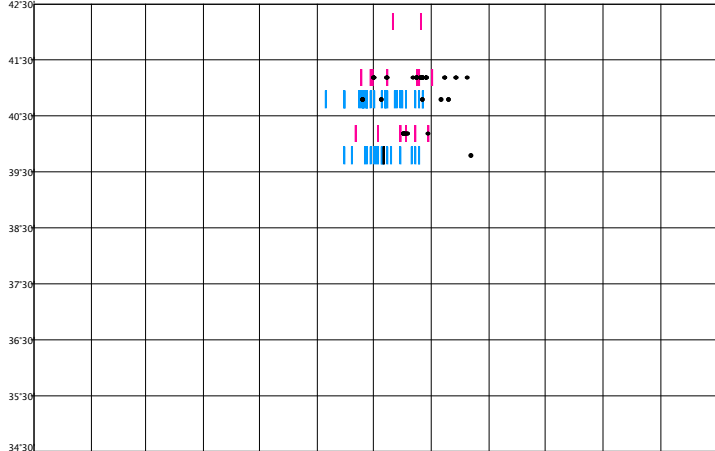
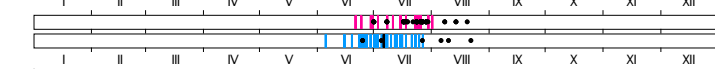
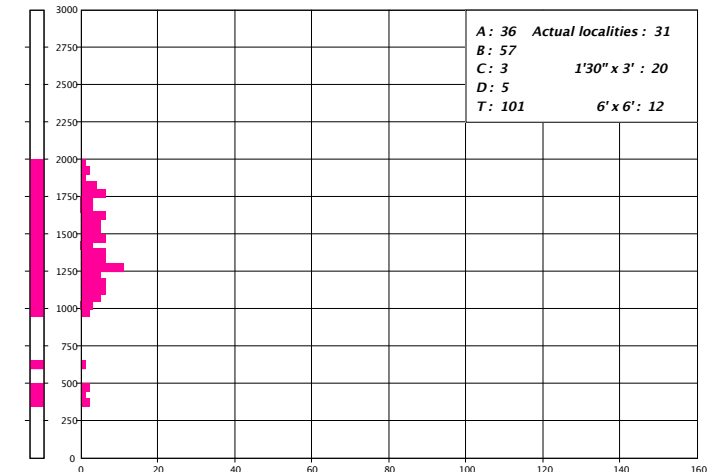
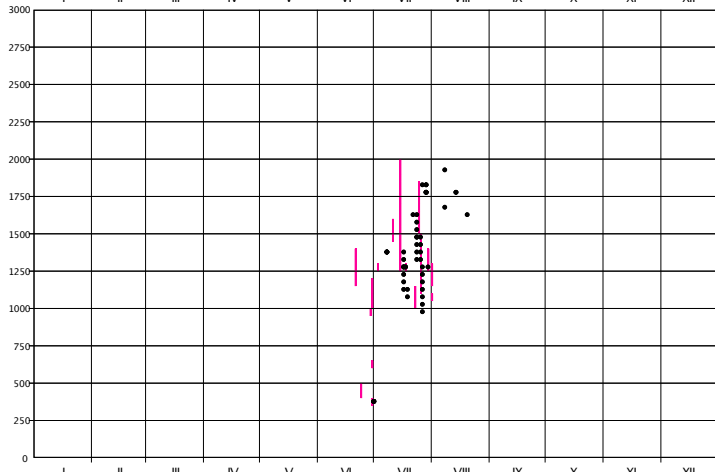
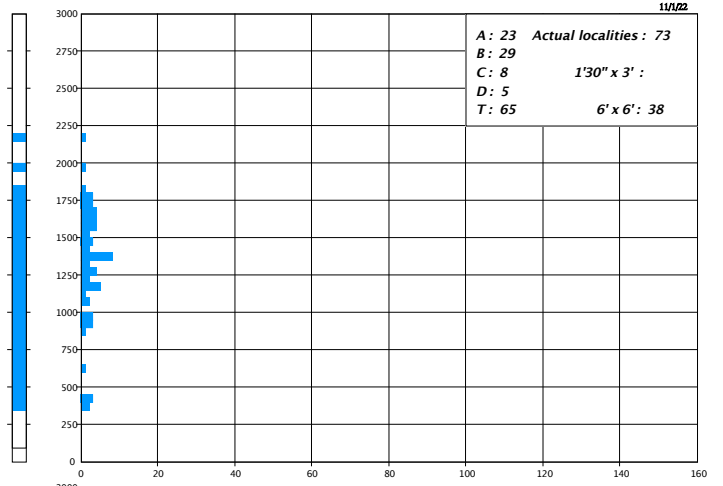
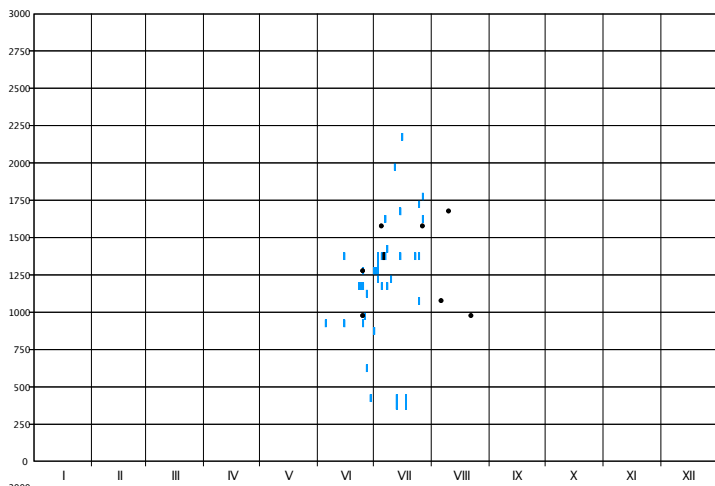


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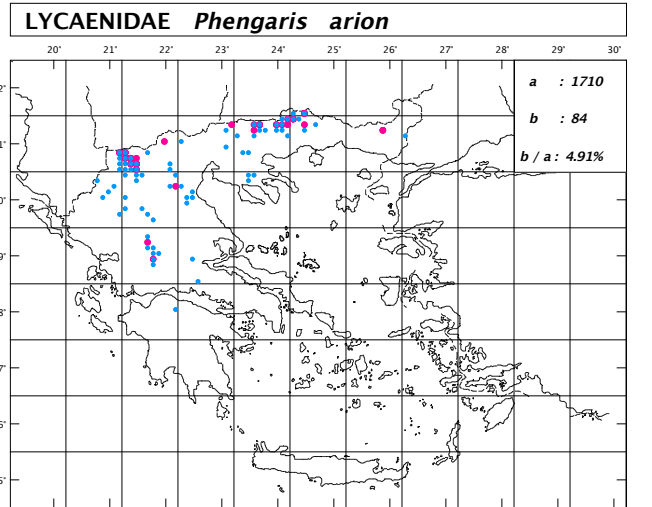
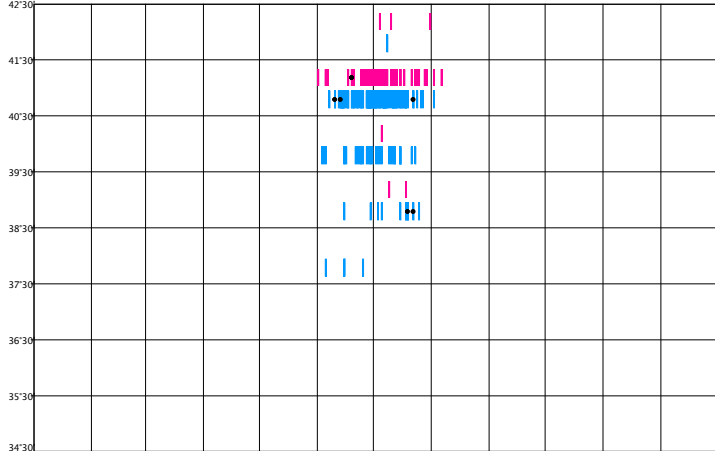
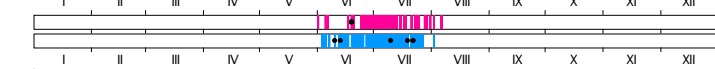
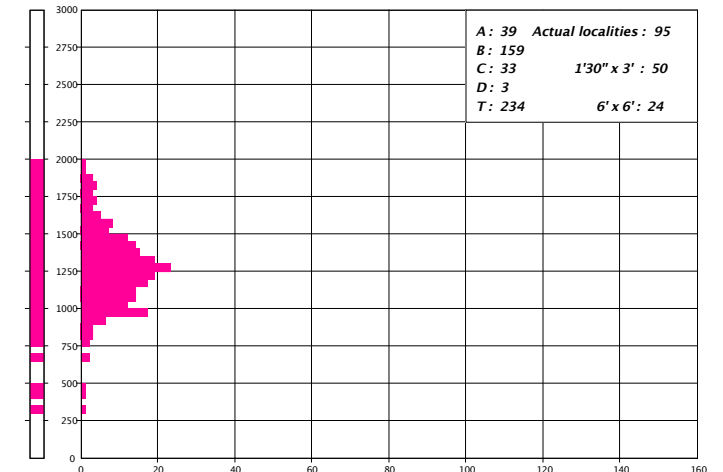
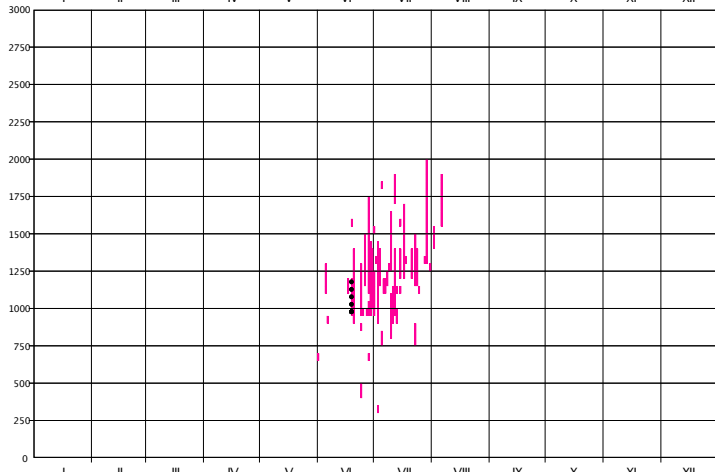
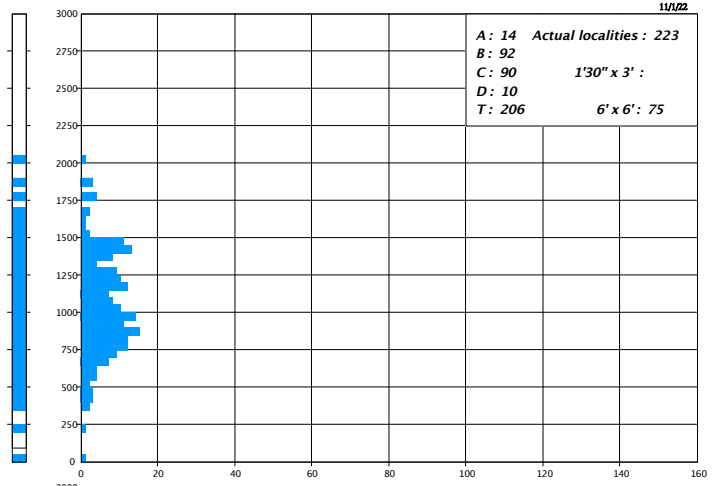
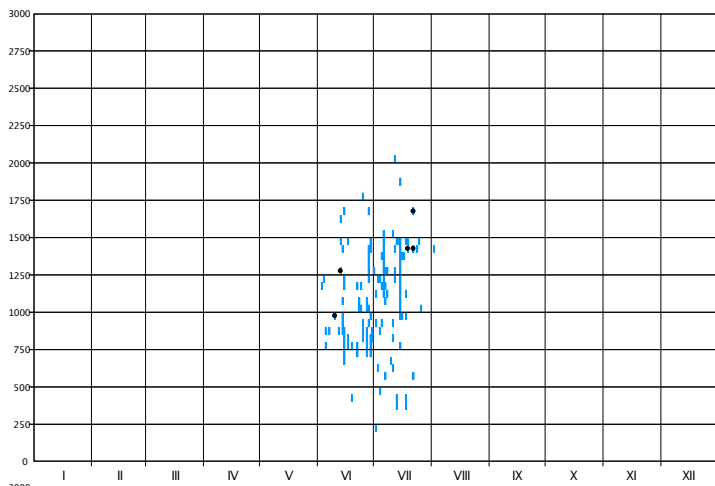


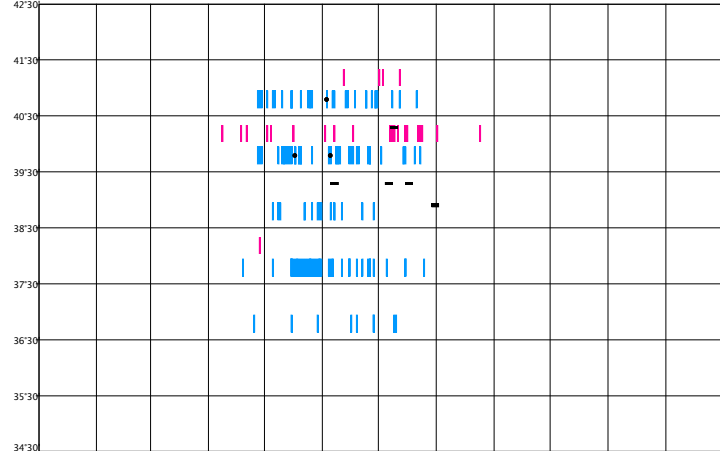
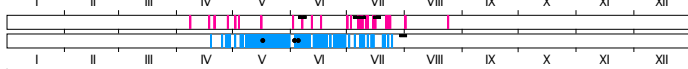
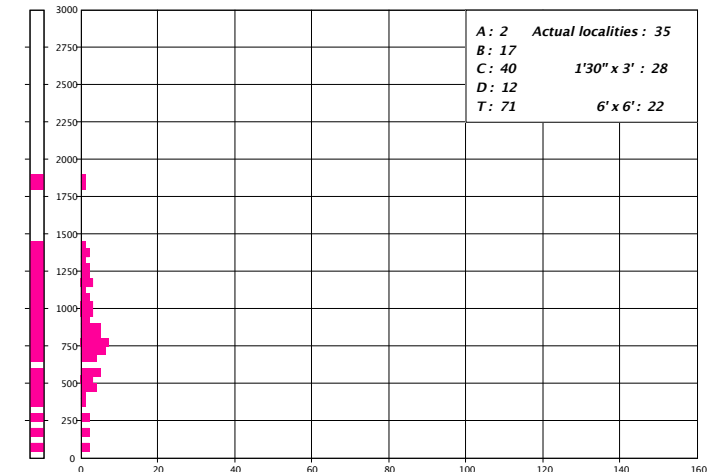
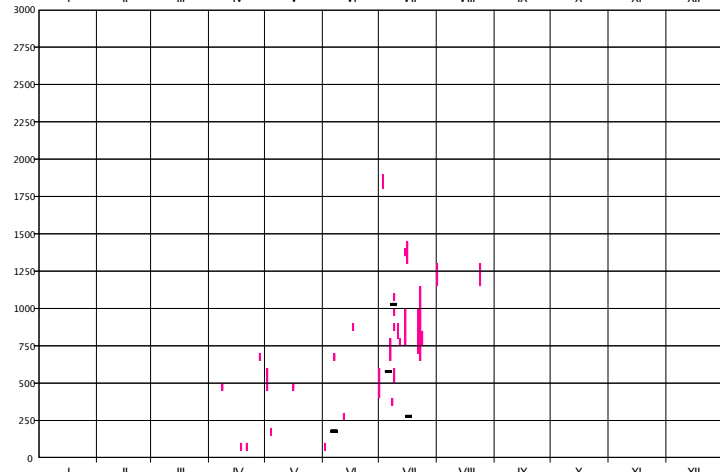
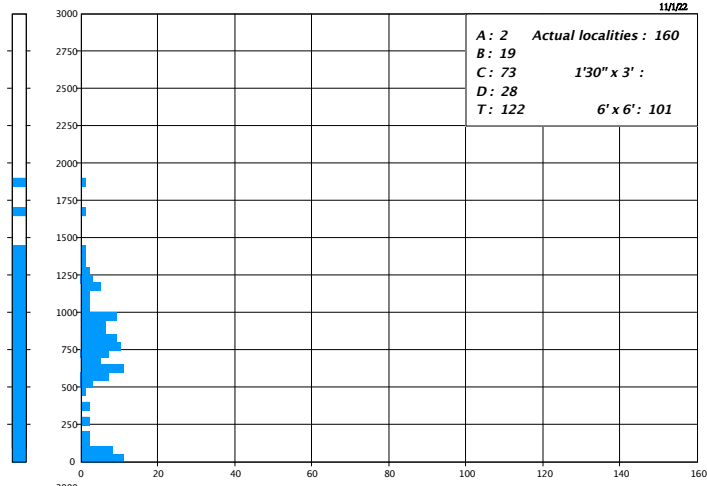
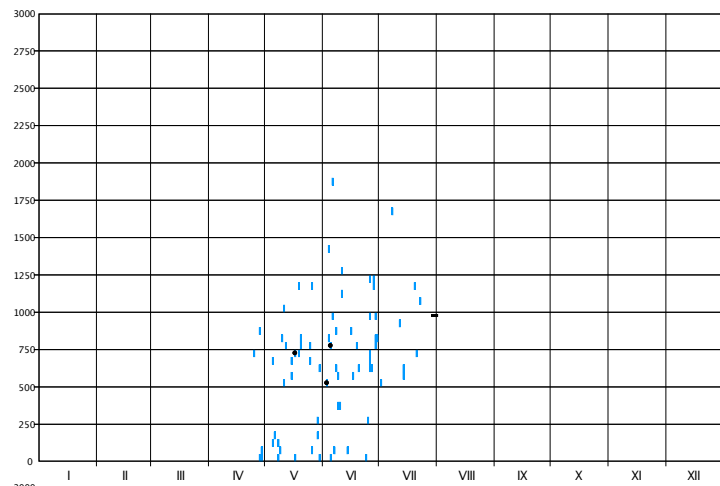




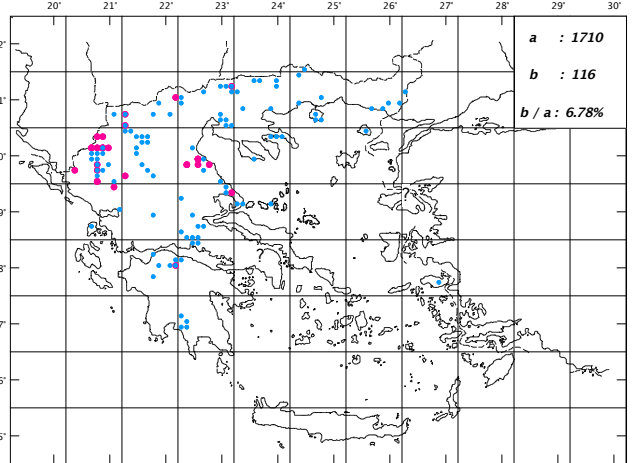


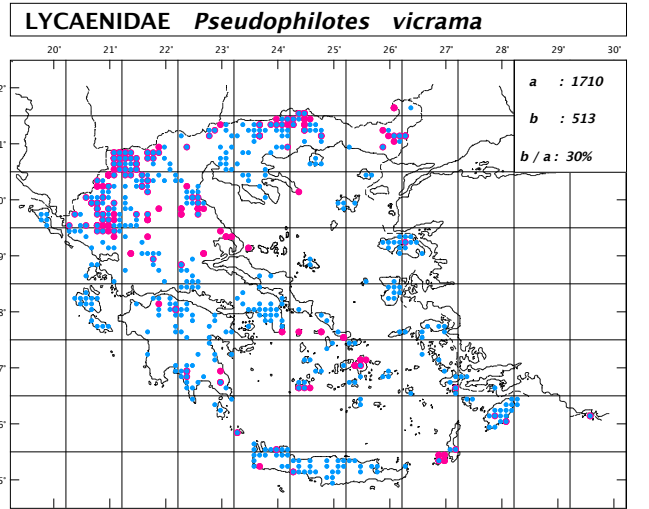
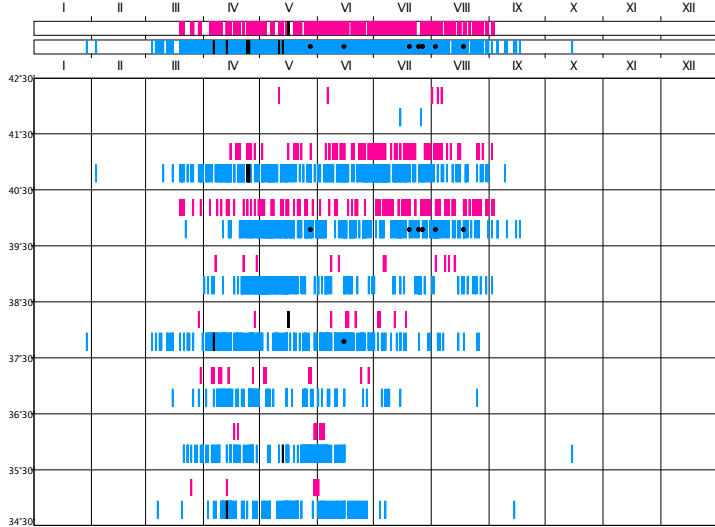
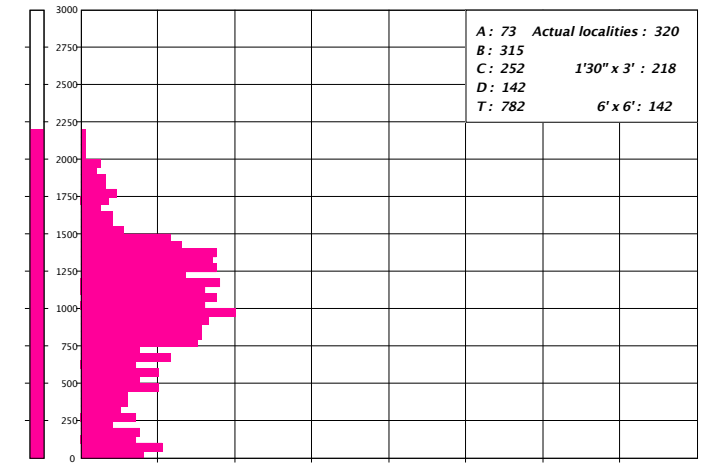
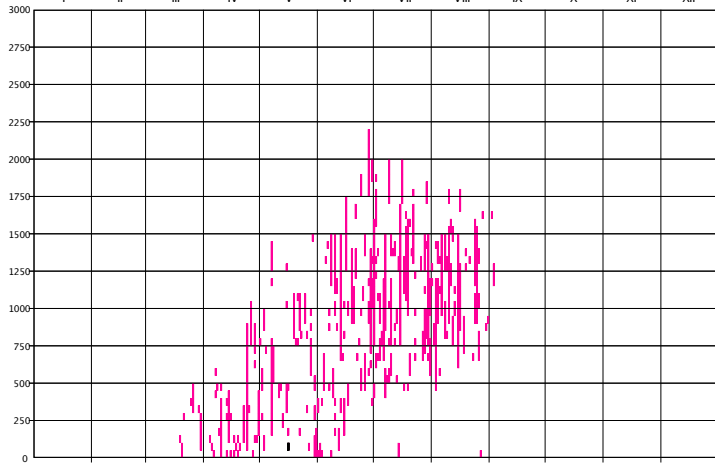
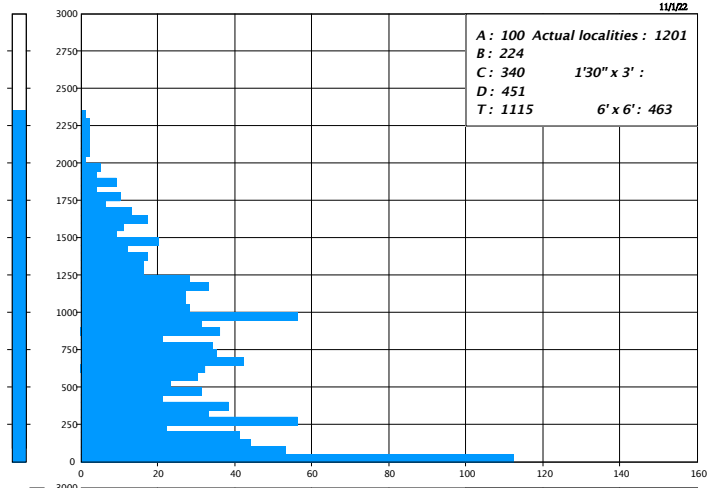
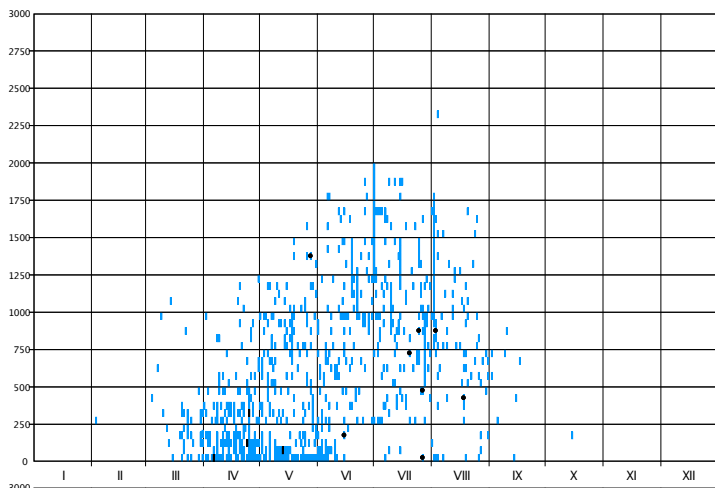


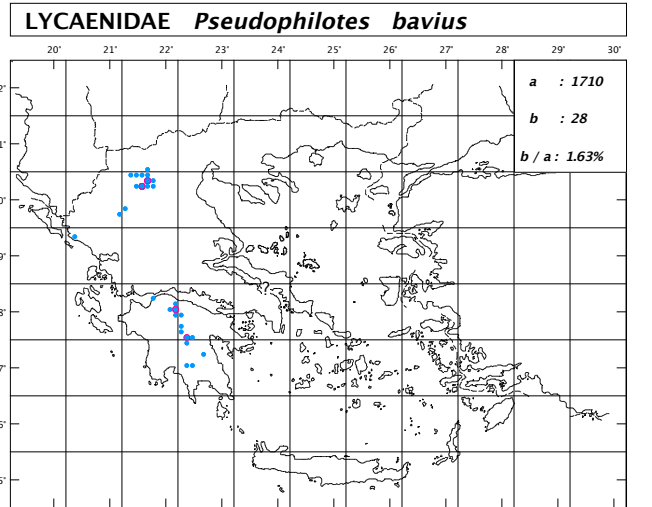
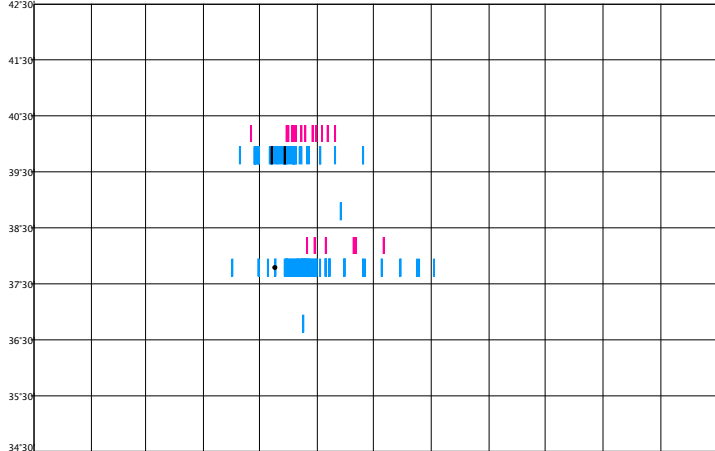
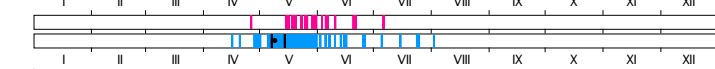
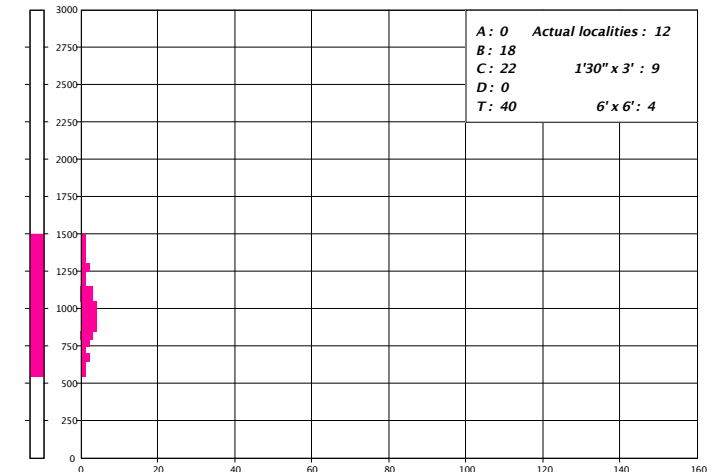
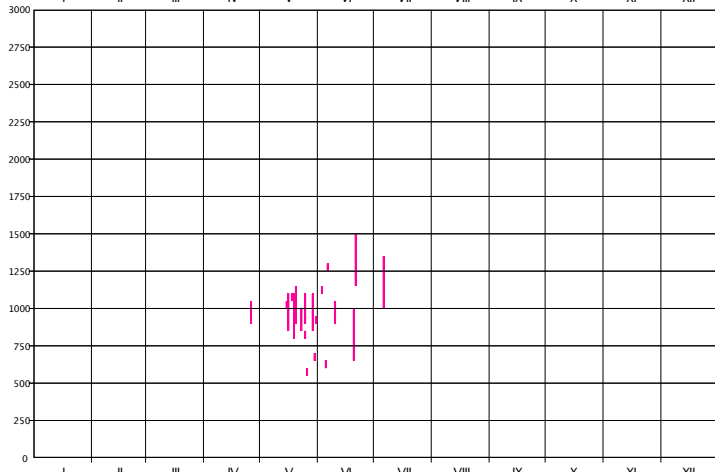
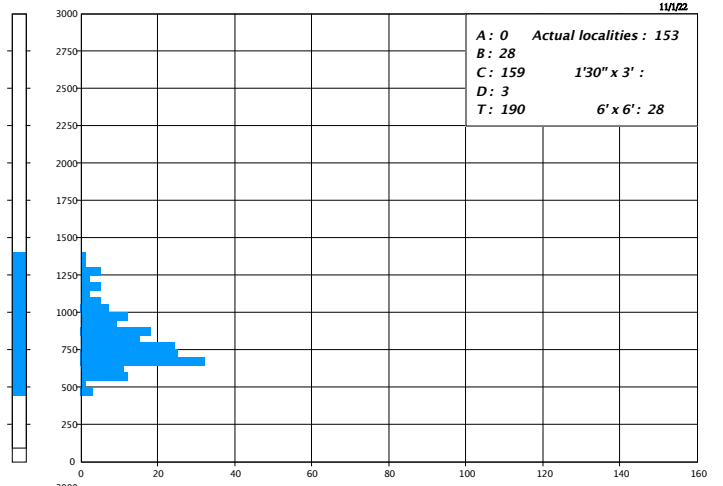
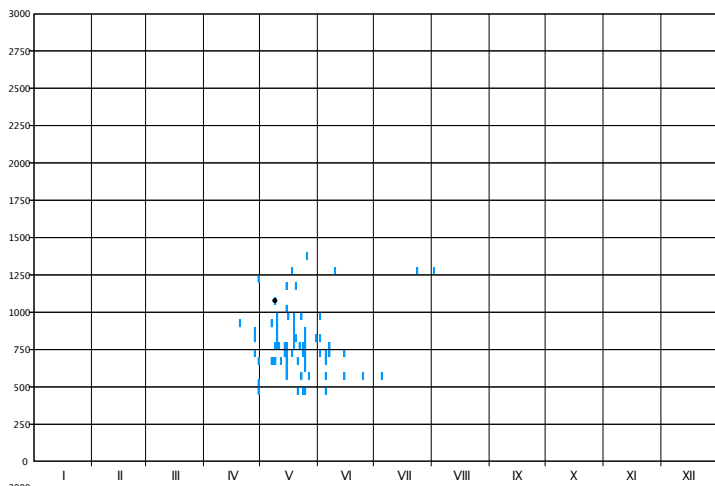


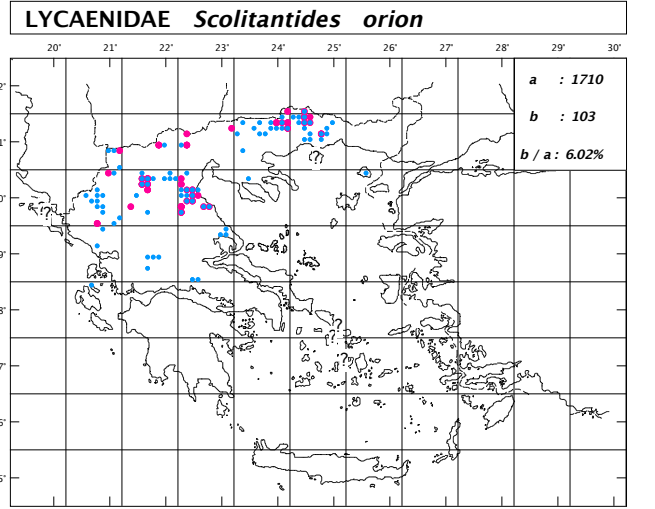
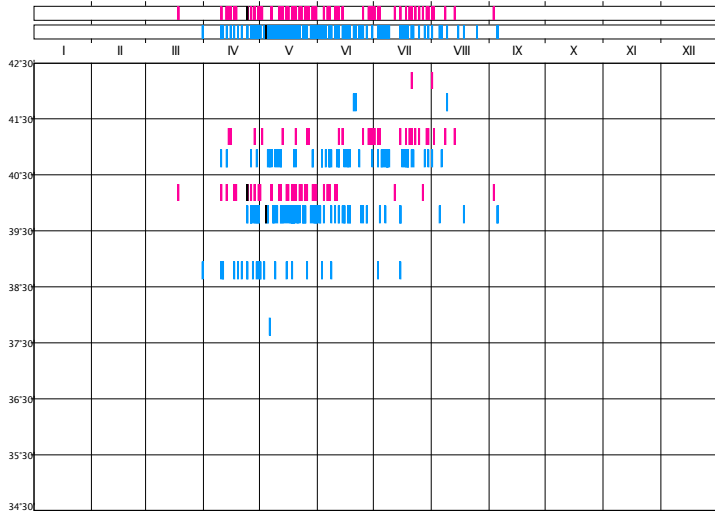
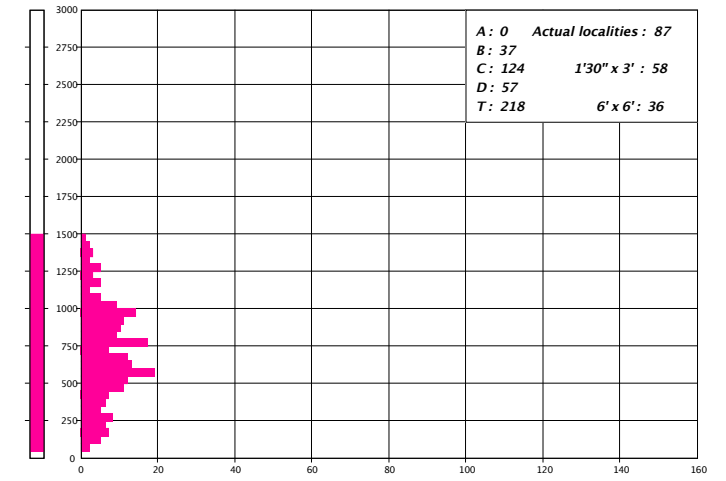
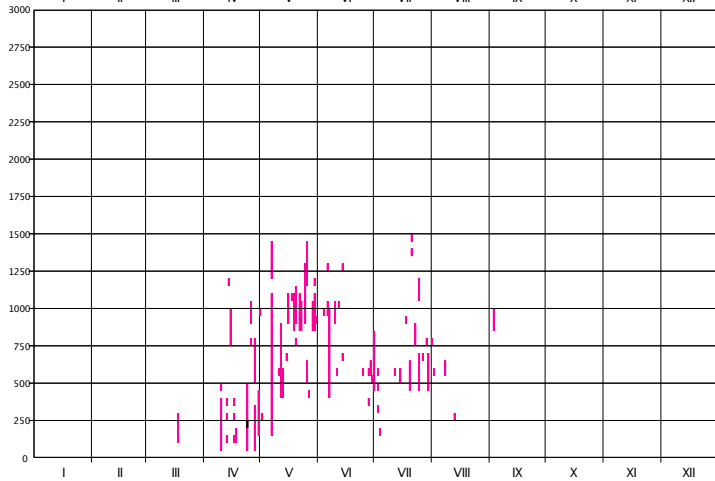
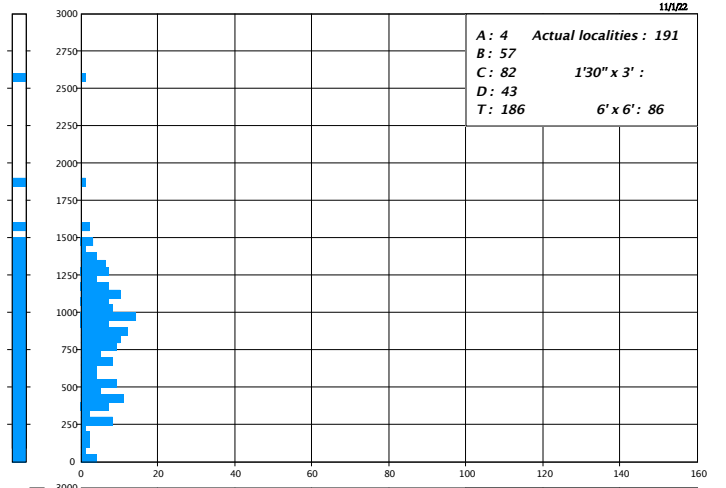
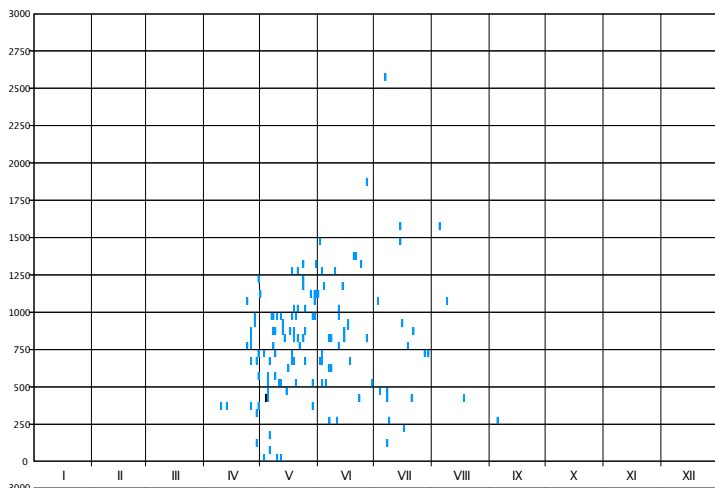


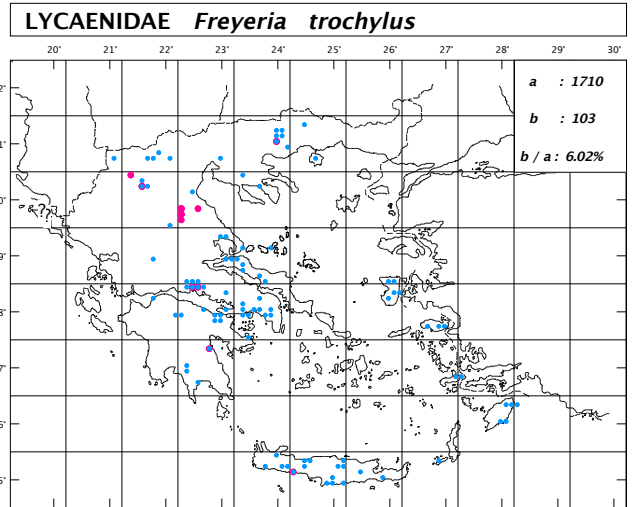
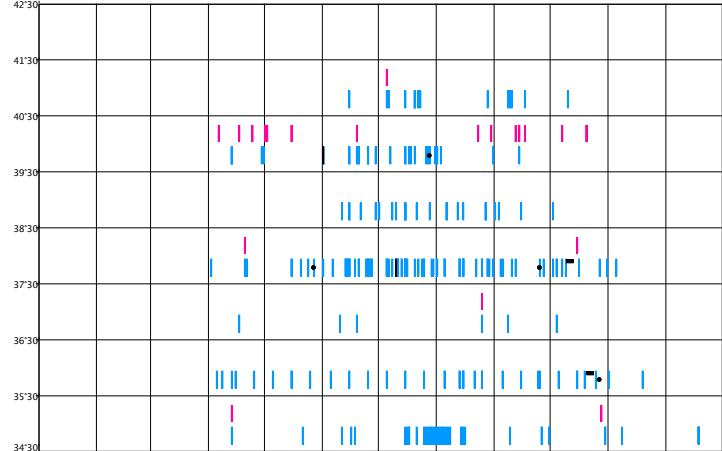
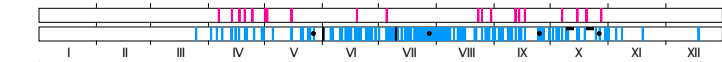
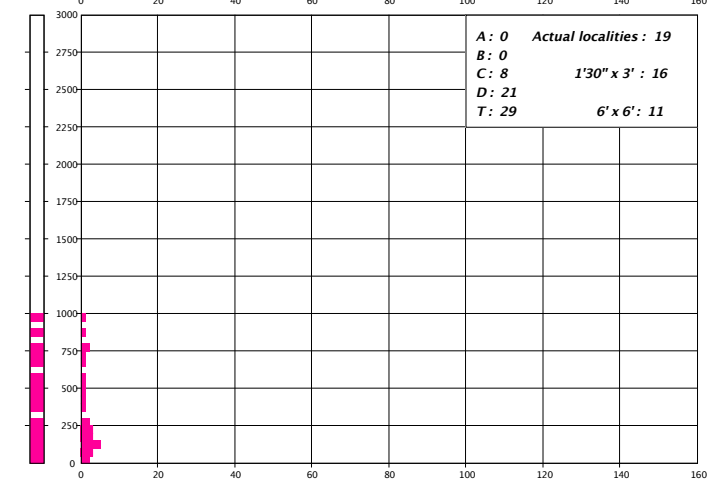
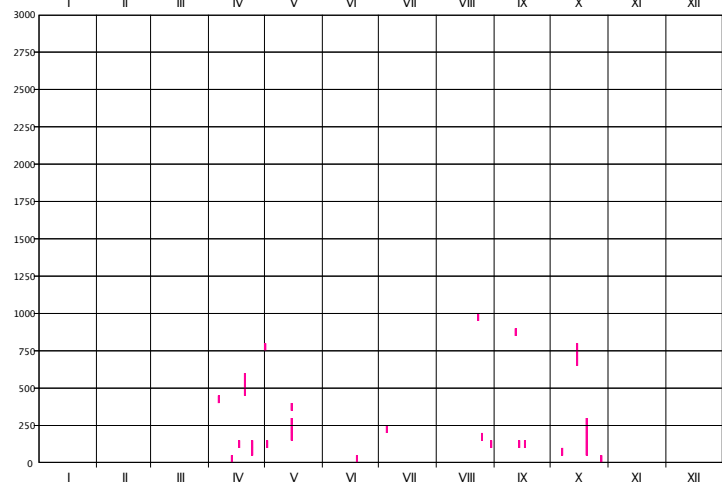
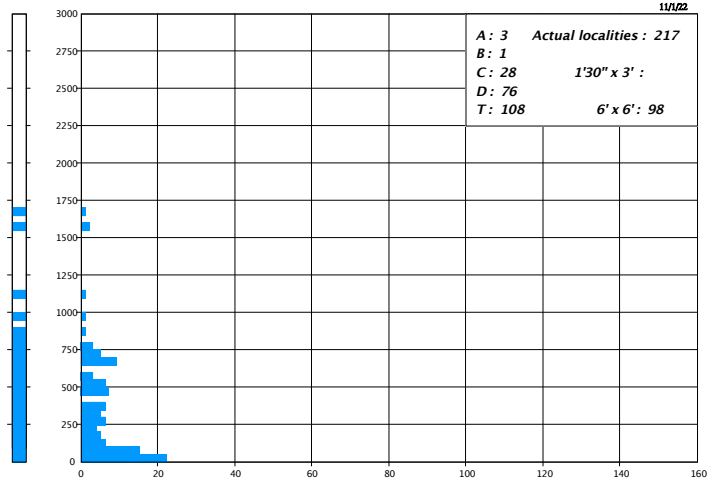
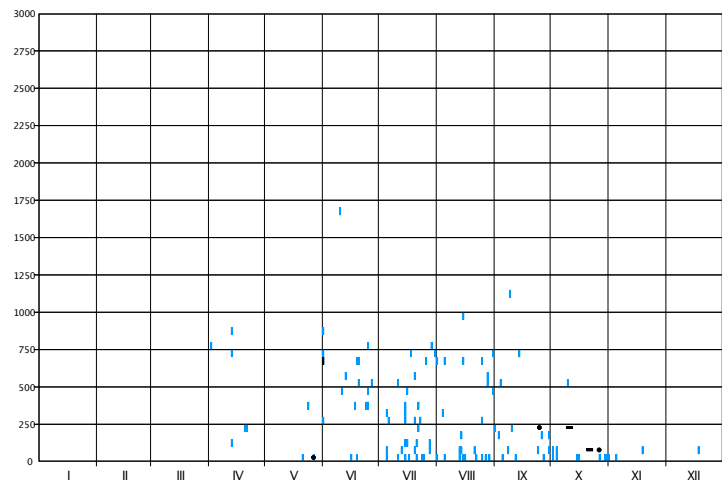
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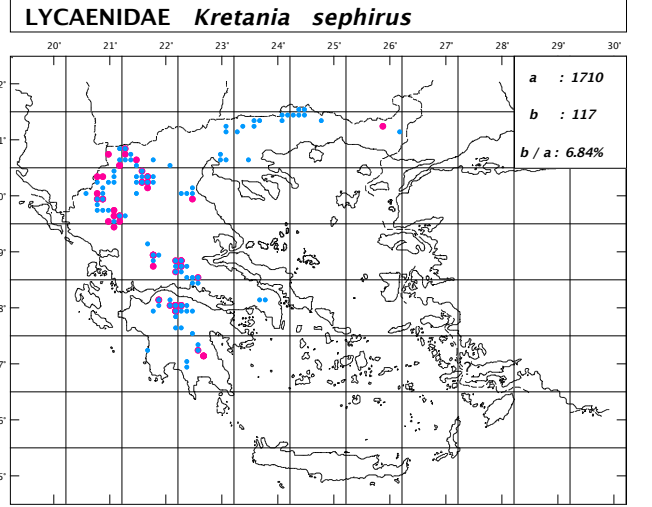
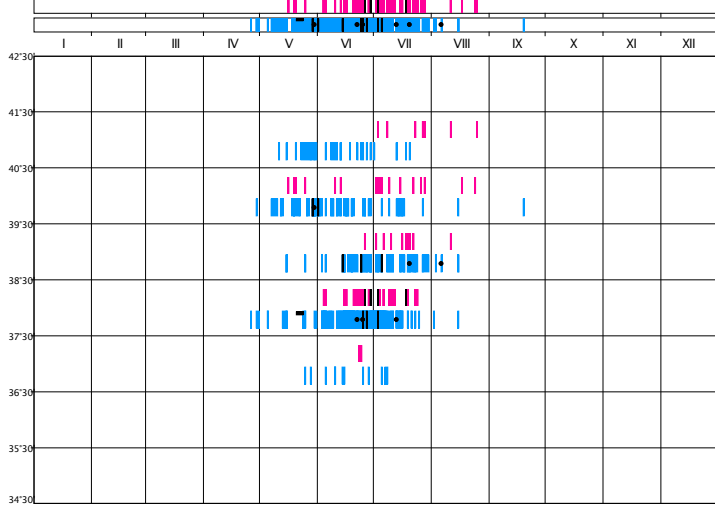
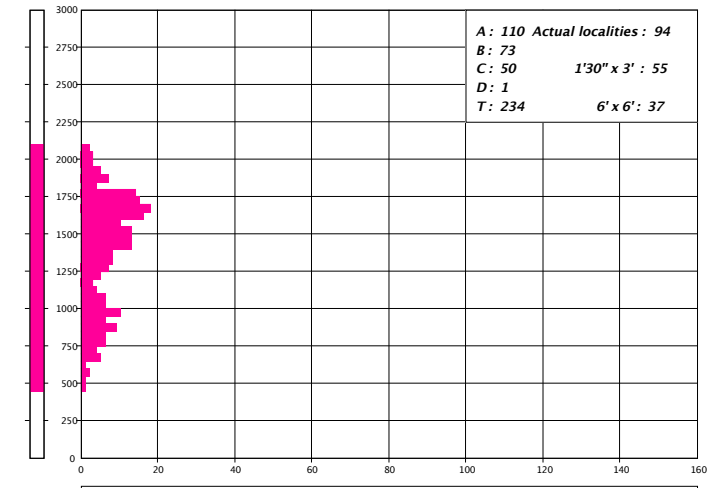
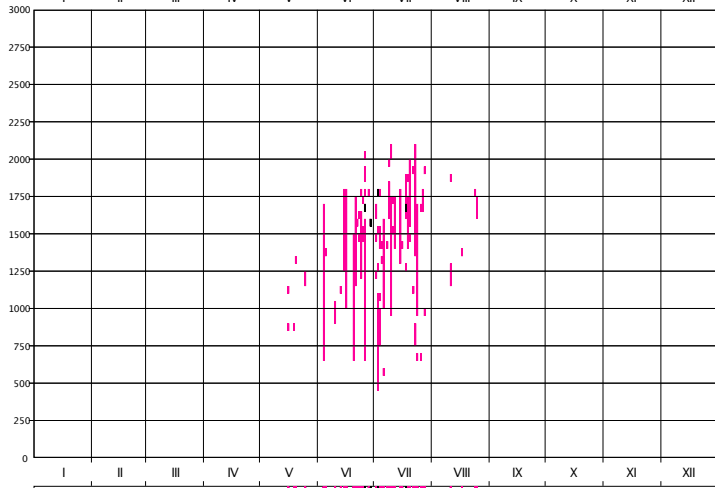
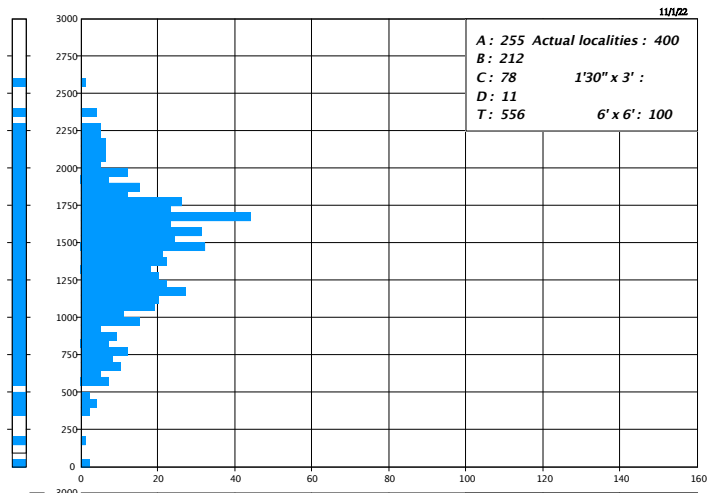
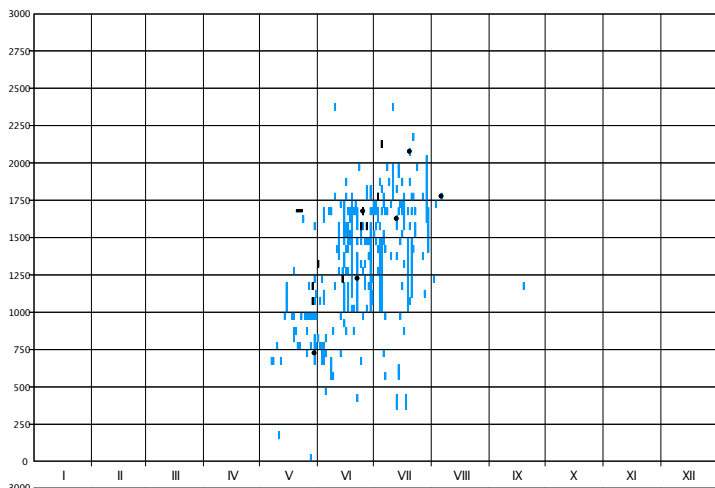


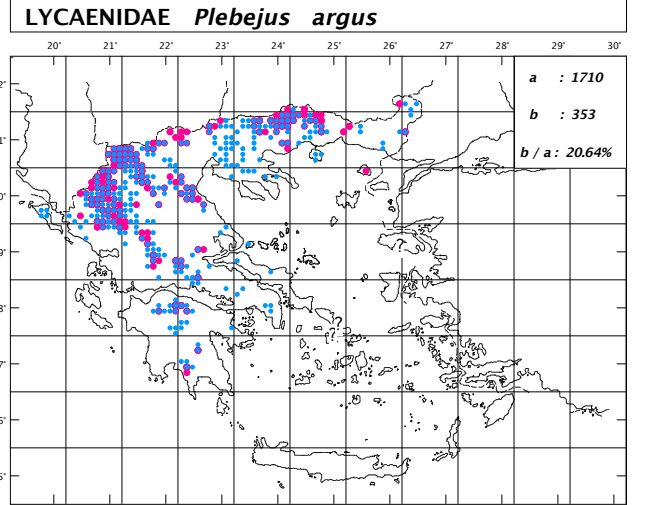
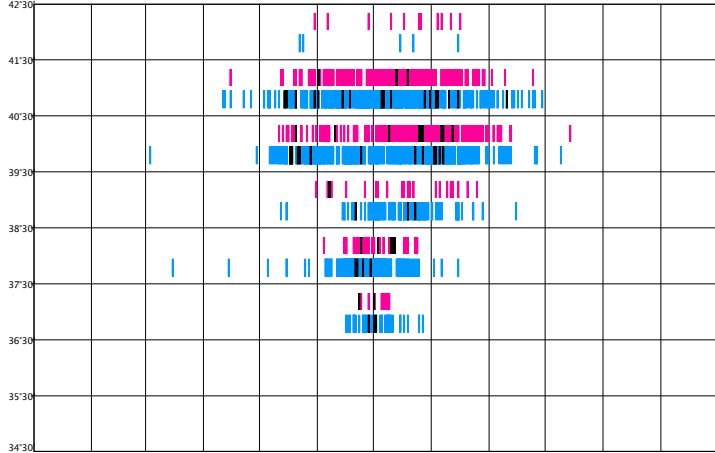
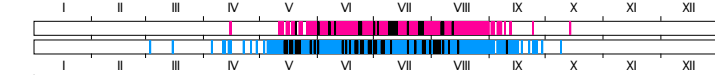
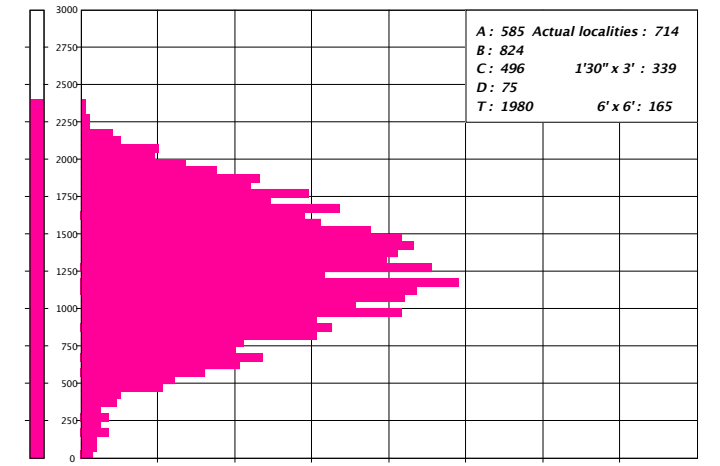
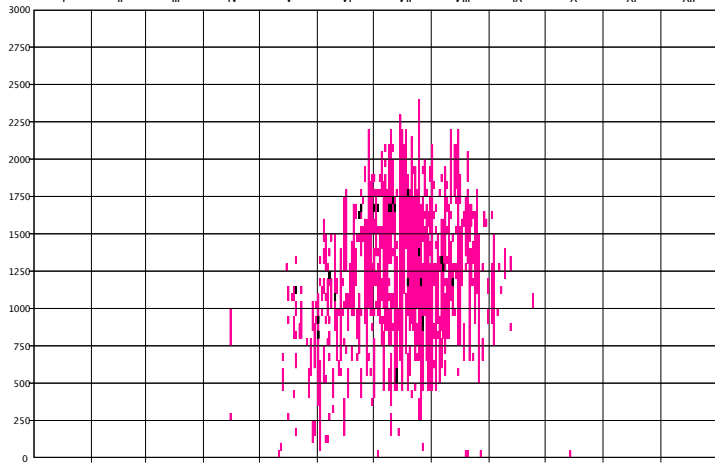
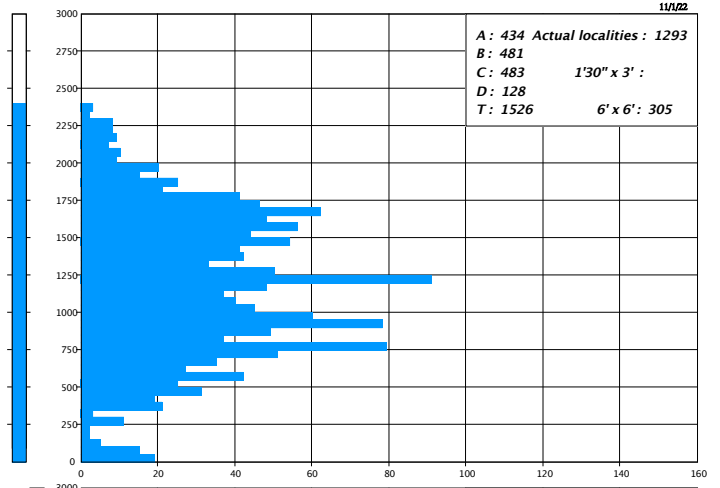
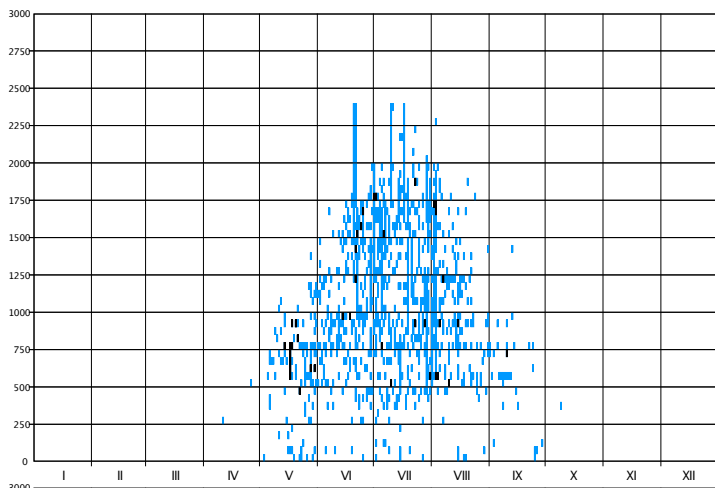






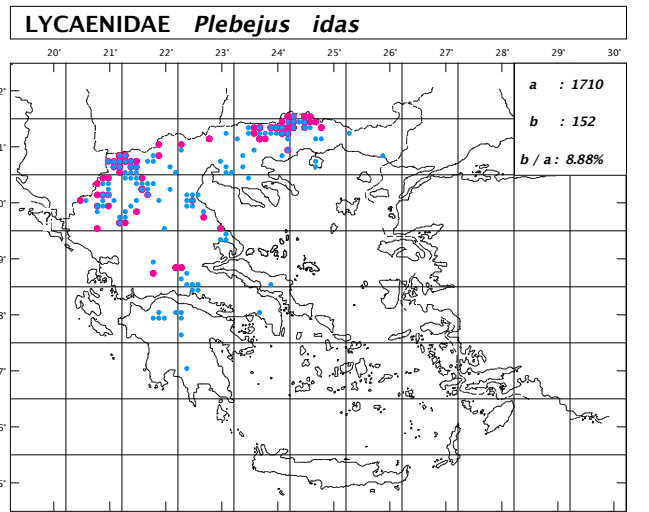
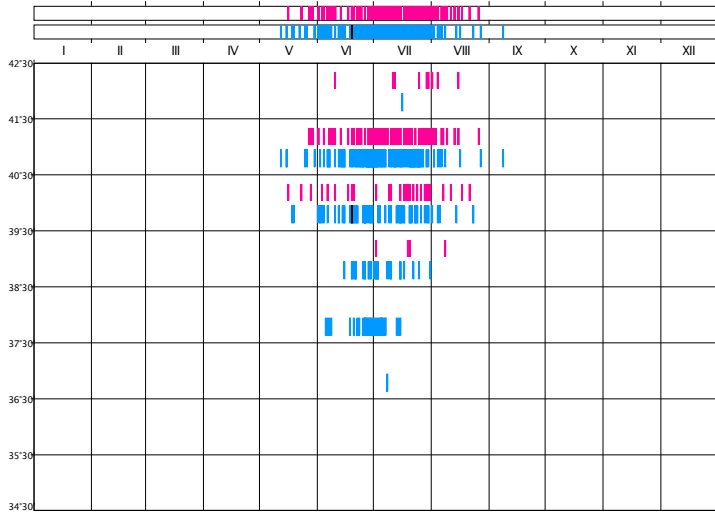
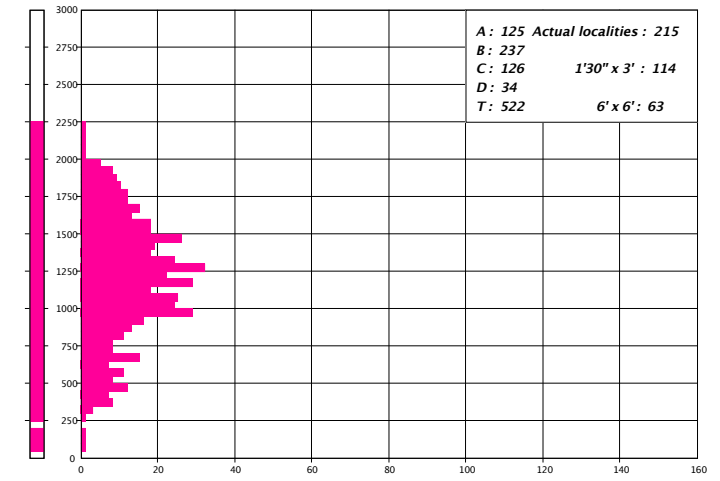
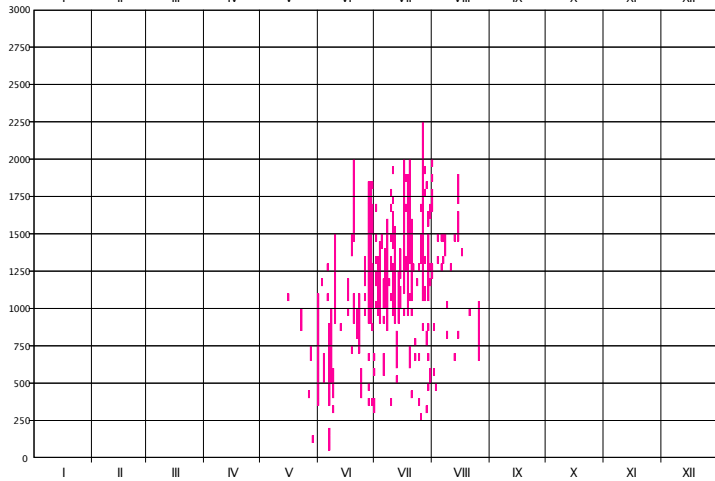
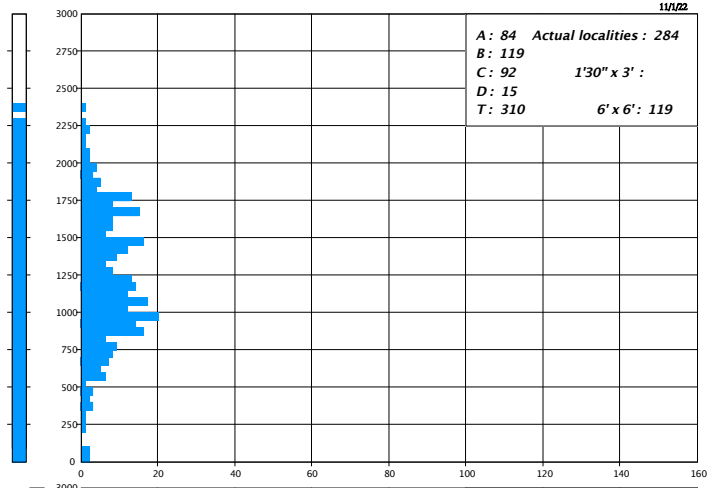
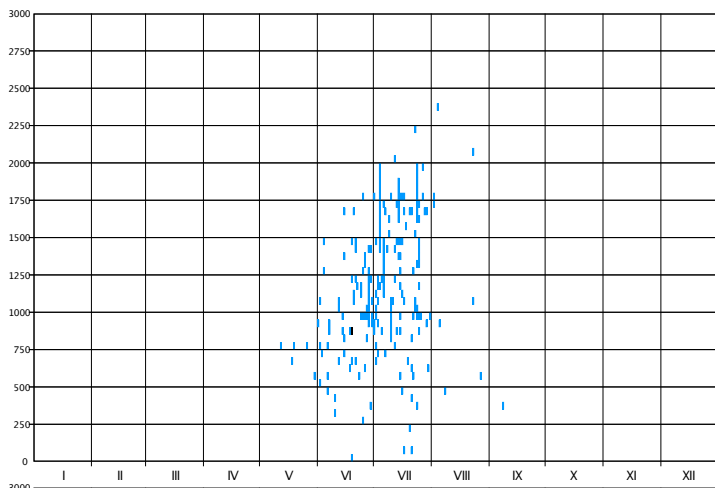




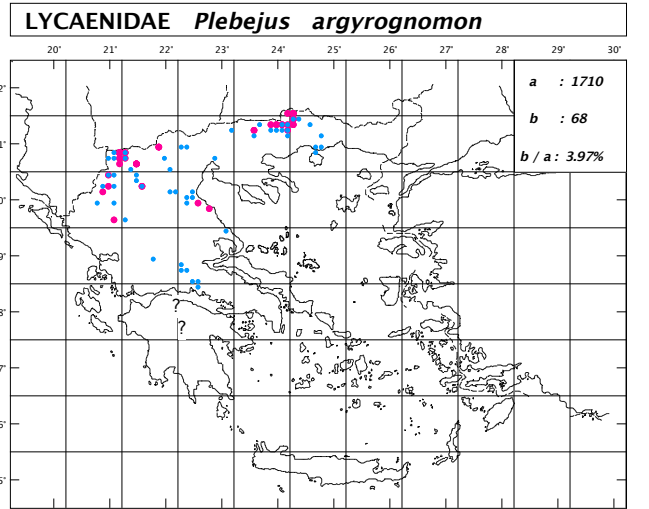
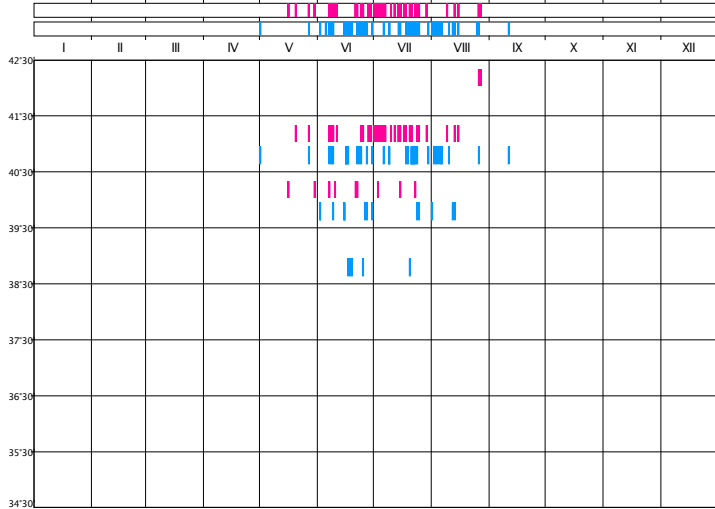
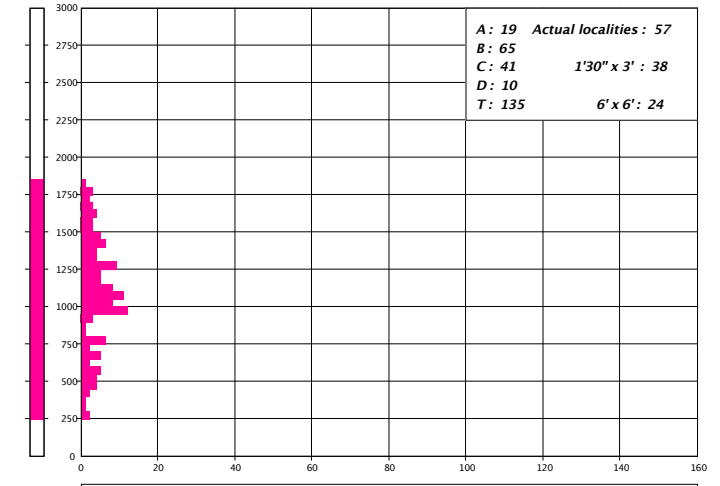
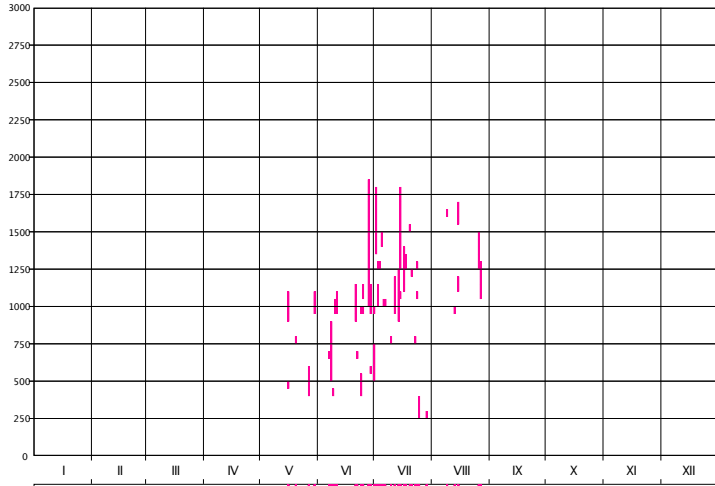
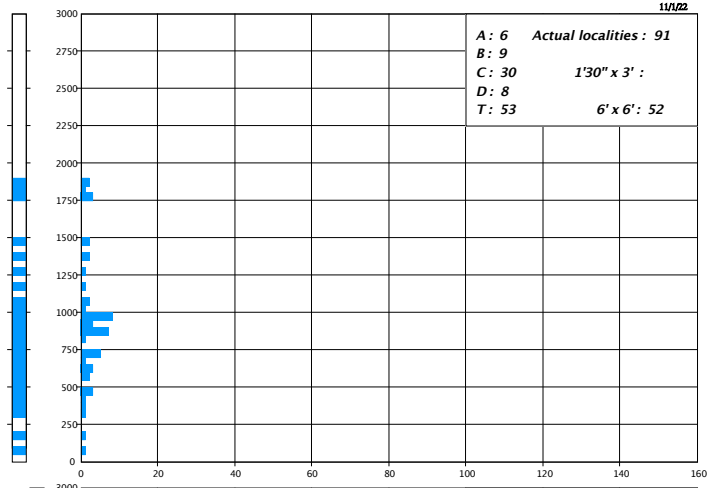
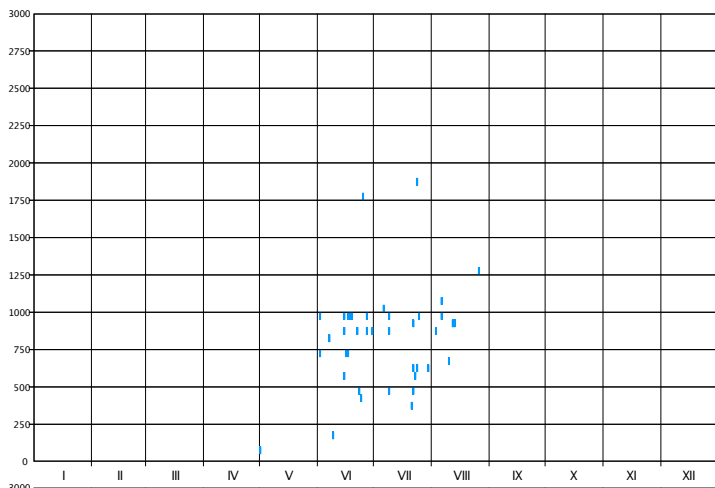


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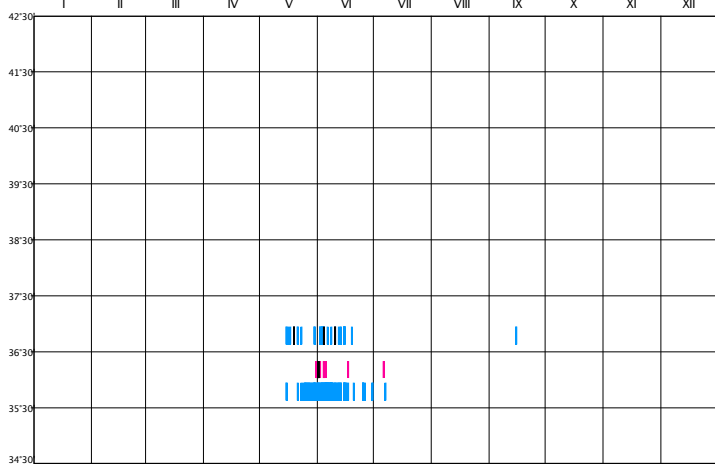
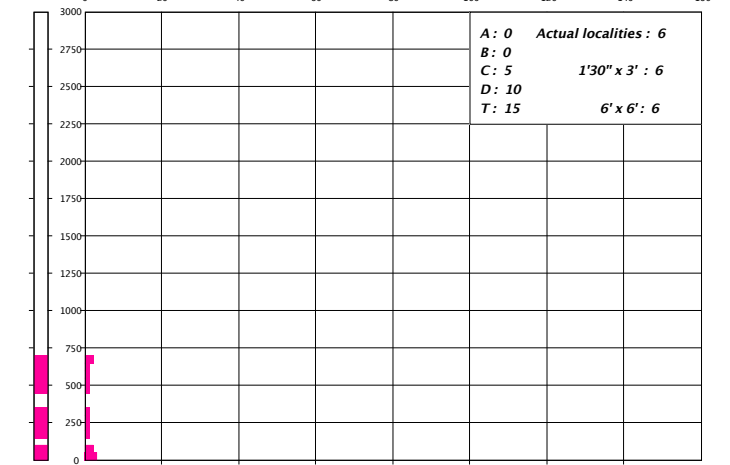
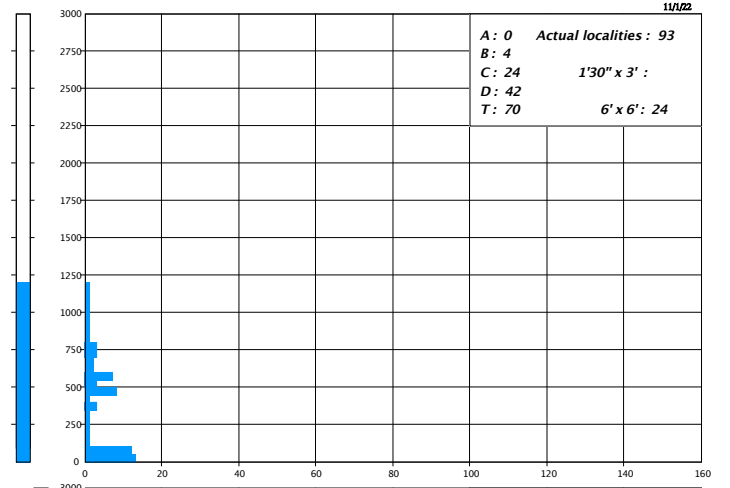
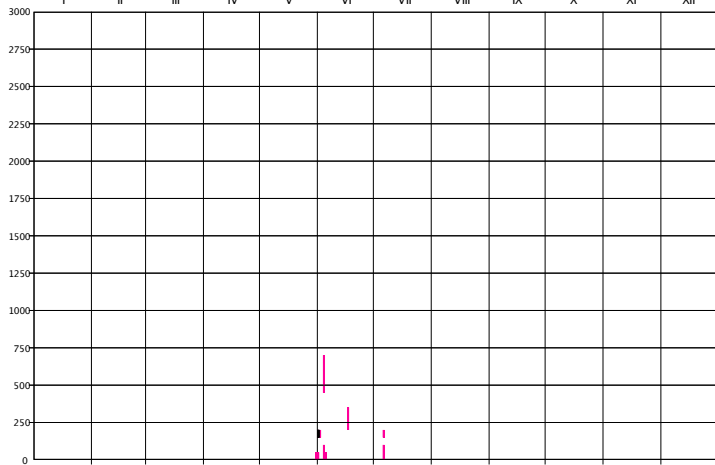
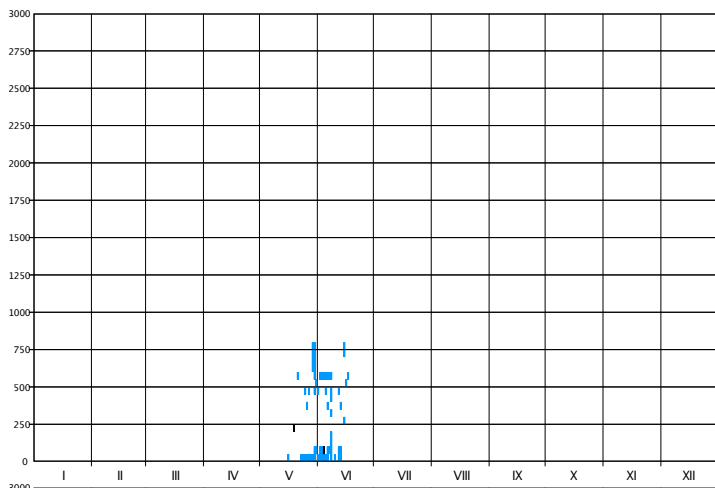




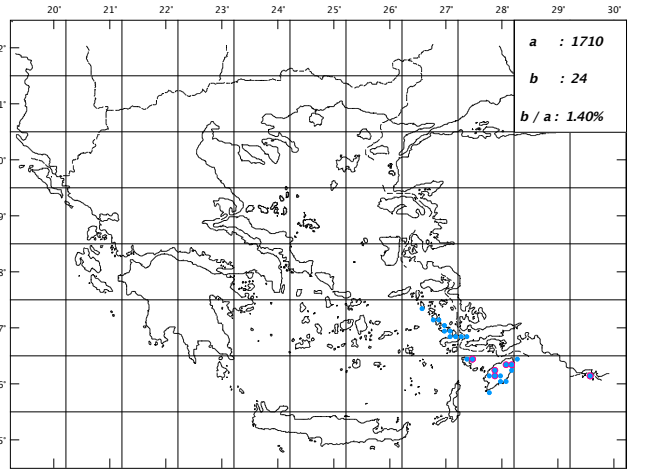
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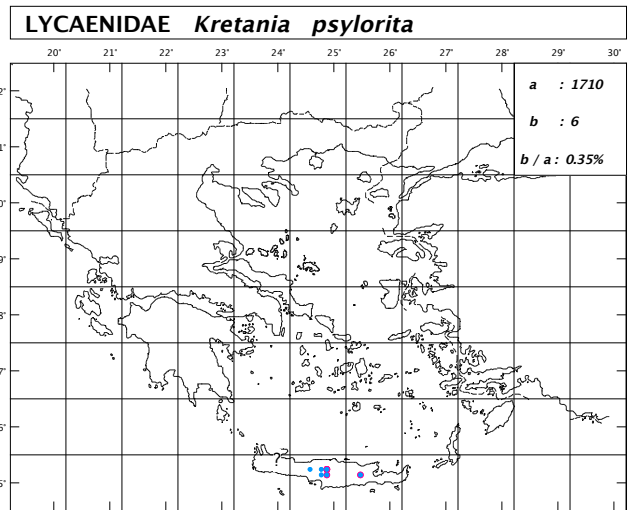
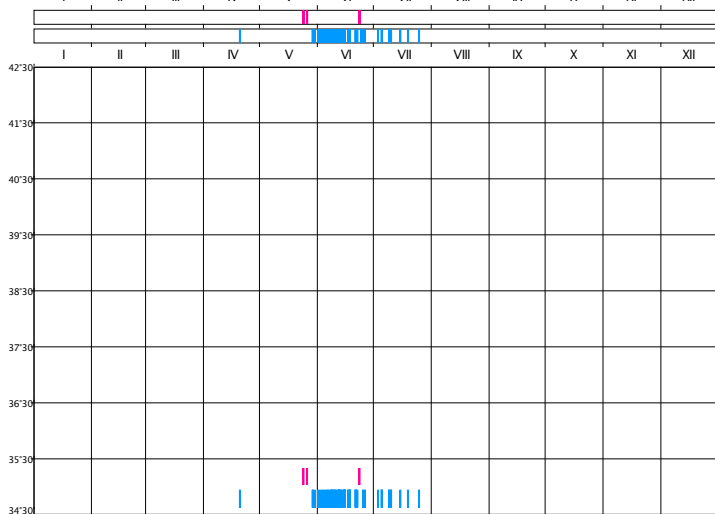
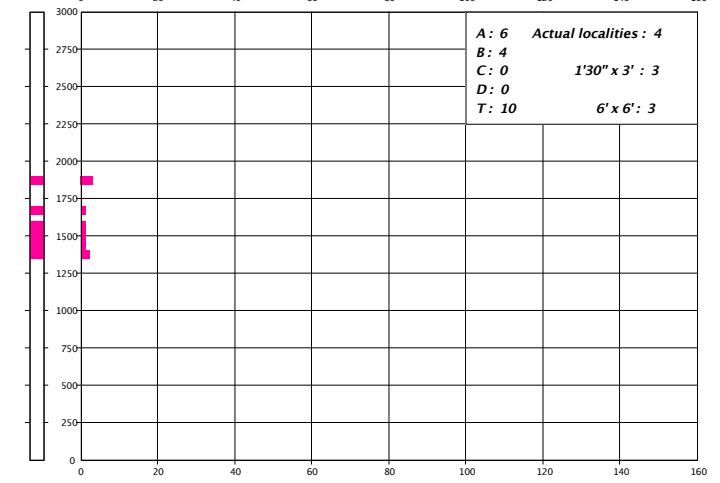
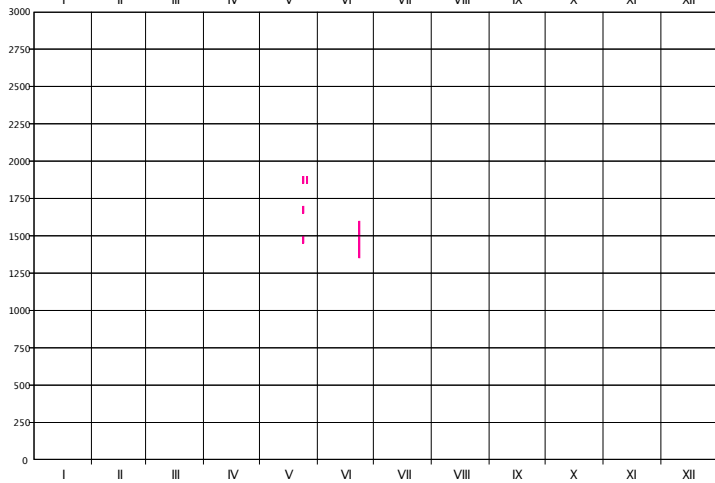
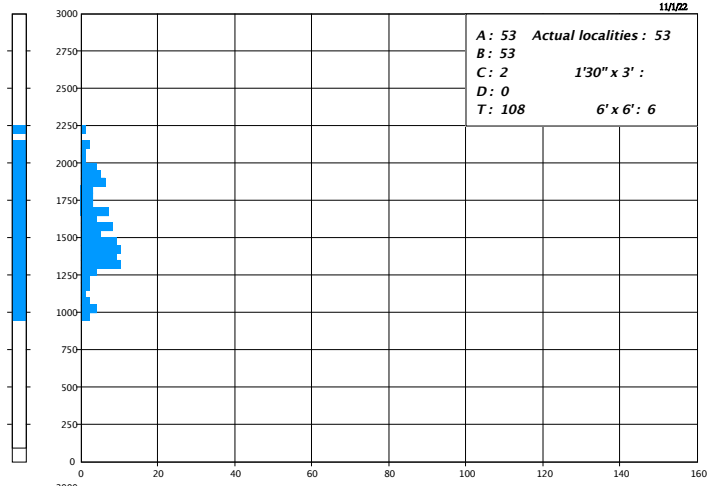
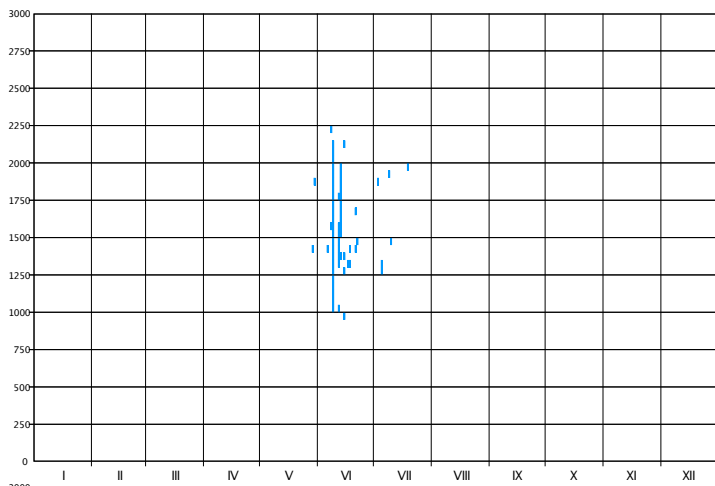


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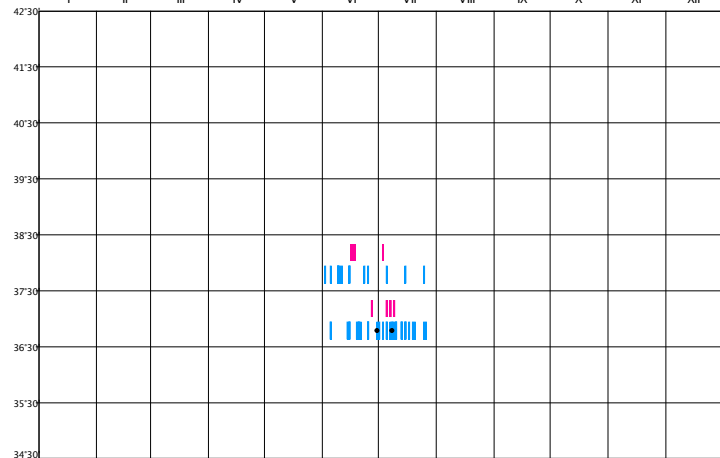
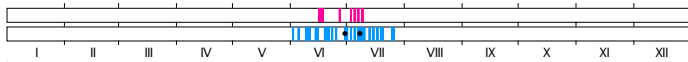
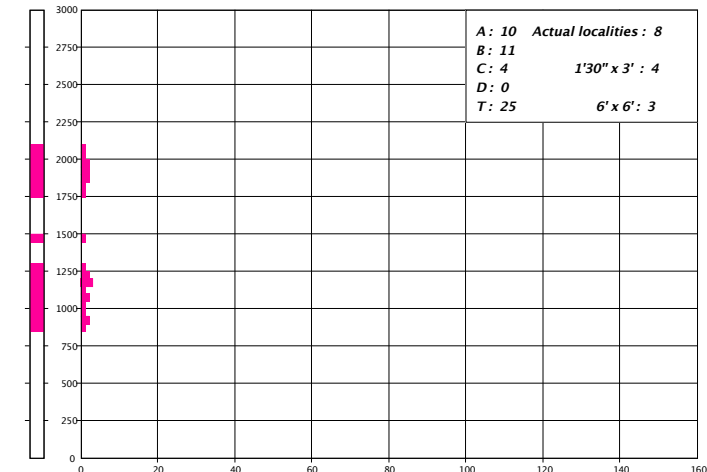
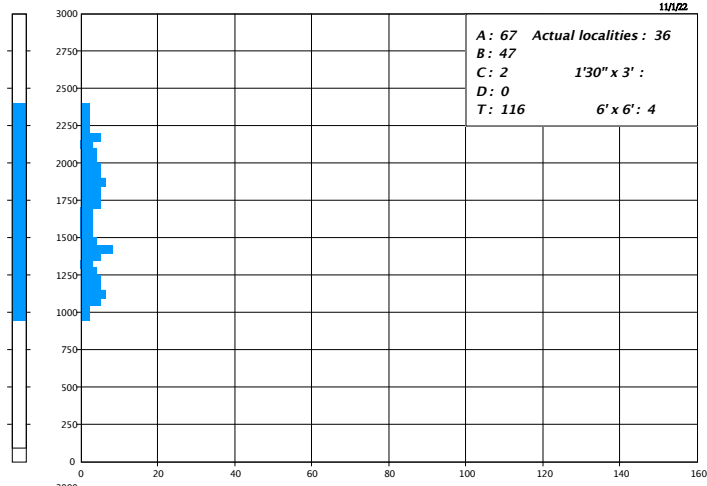
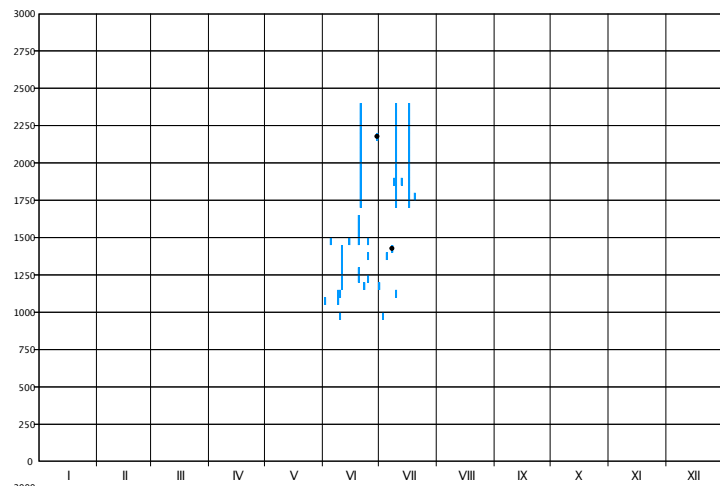


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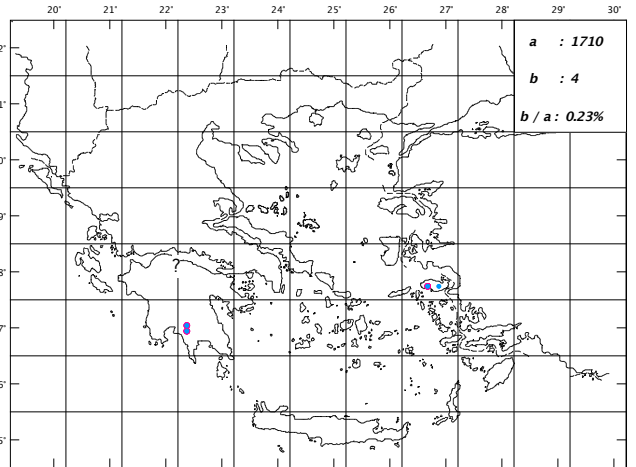


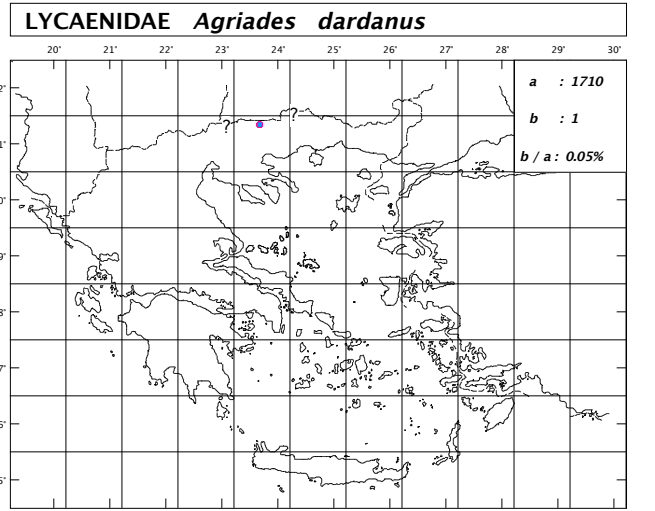
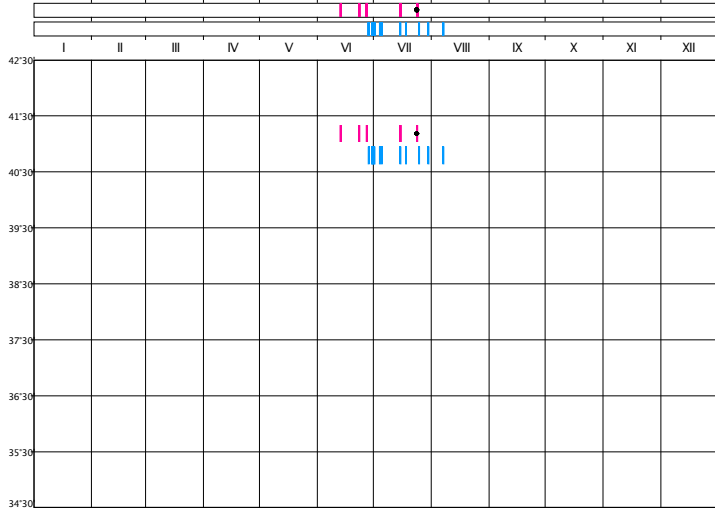
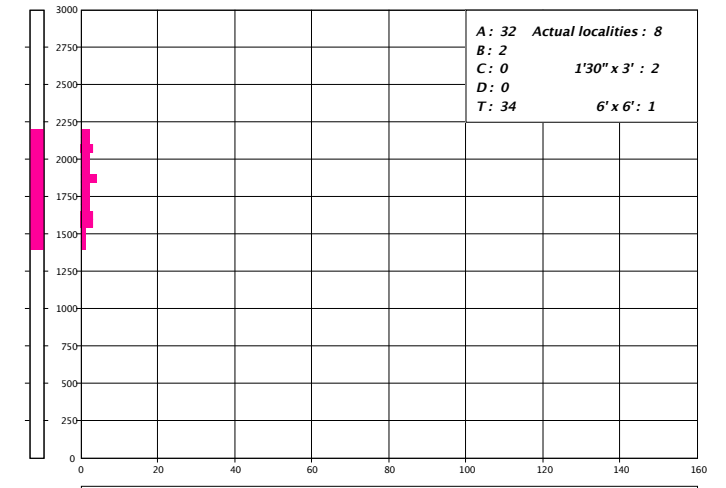
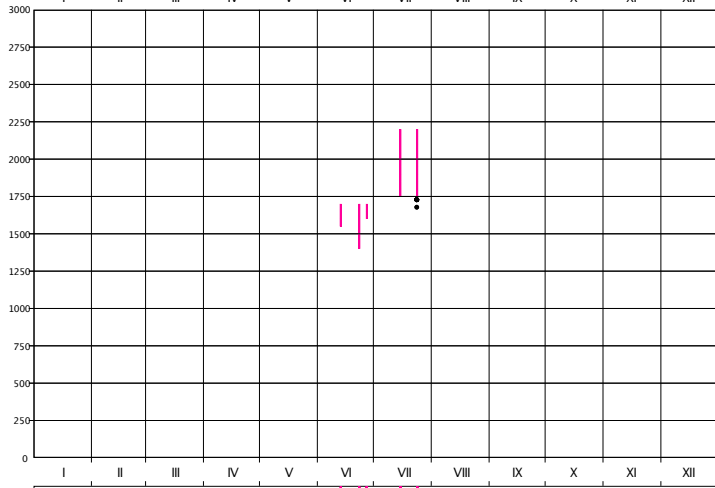
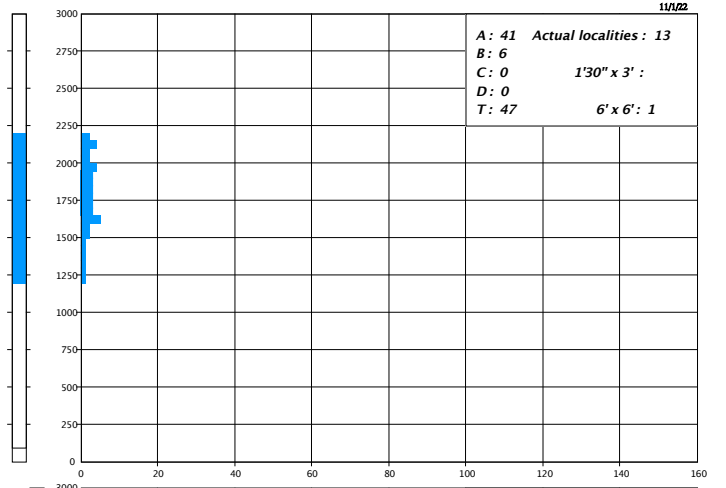
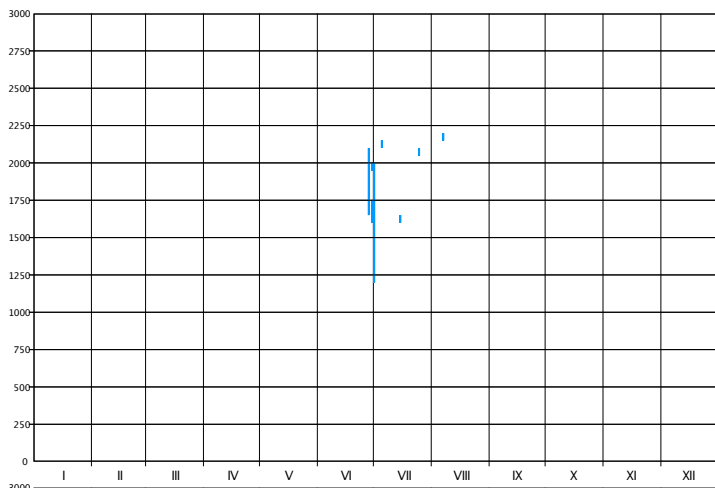


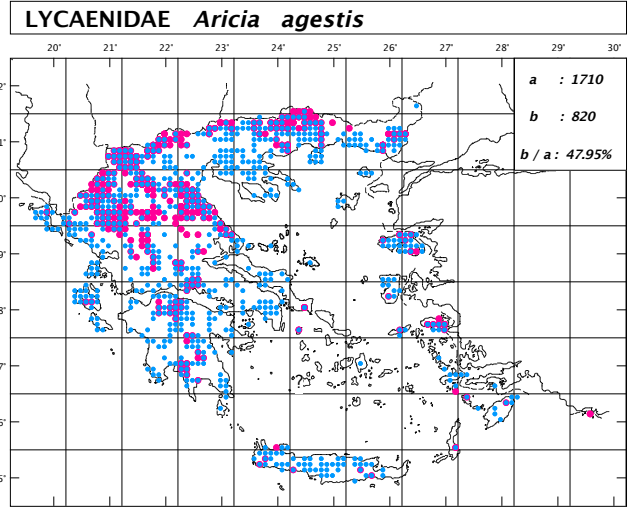
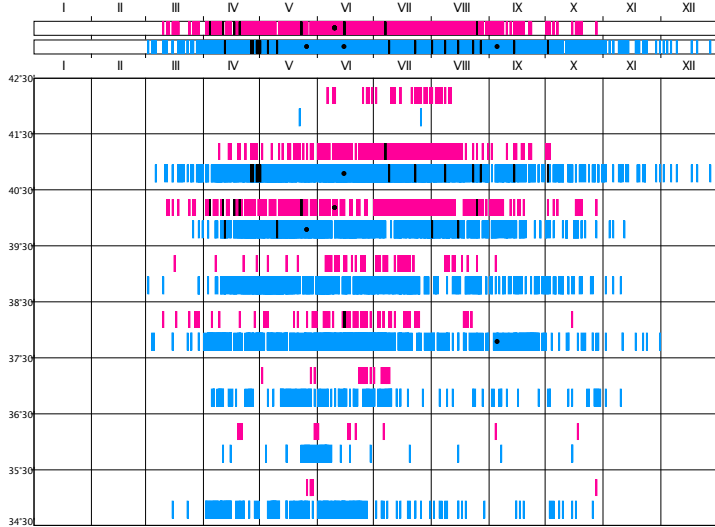
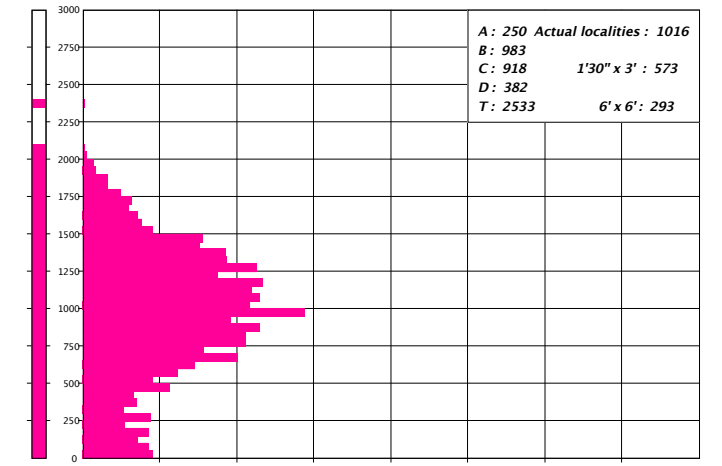
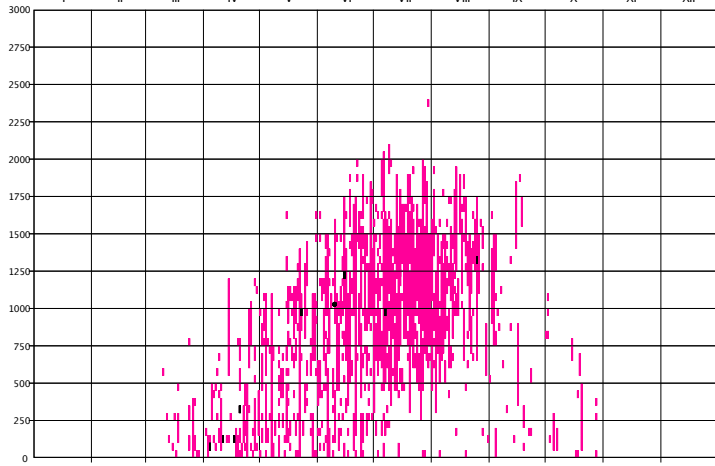
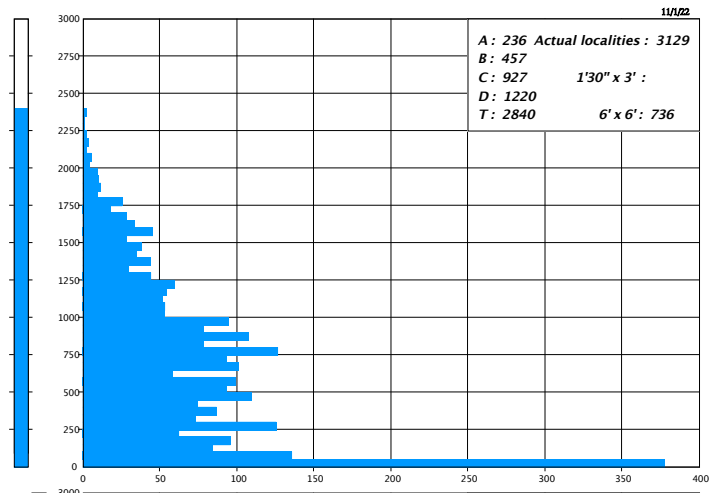
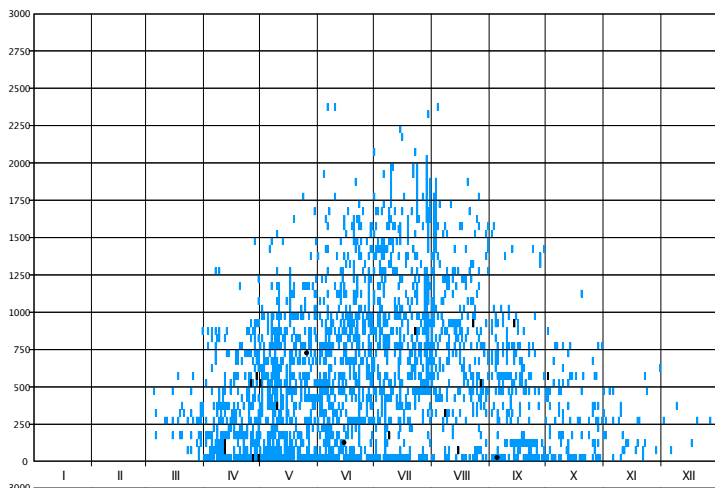
ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
 ENDEMIC SPECIES OF GREECE



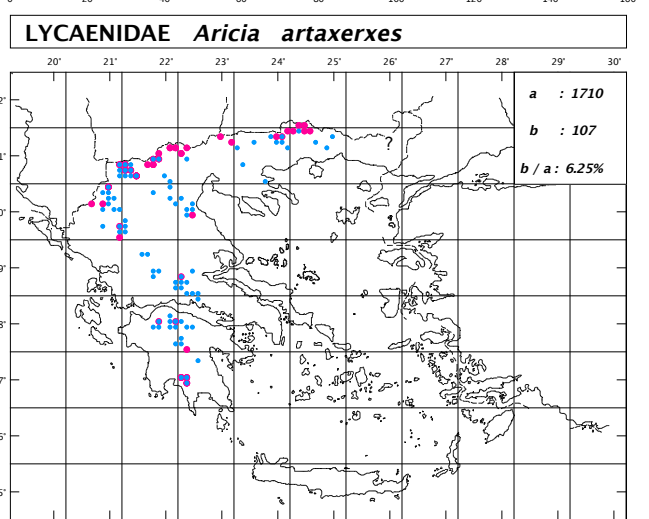
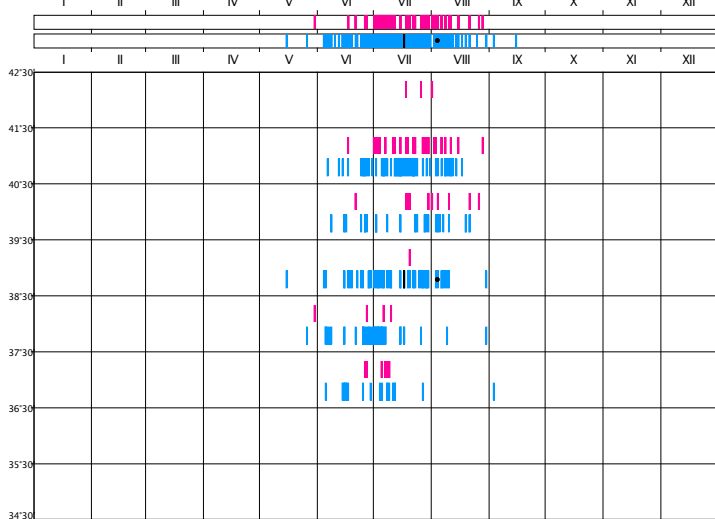
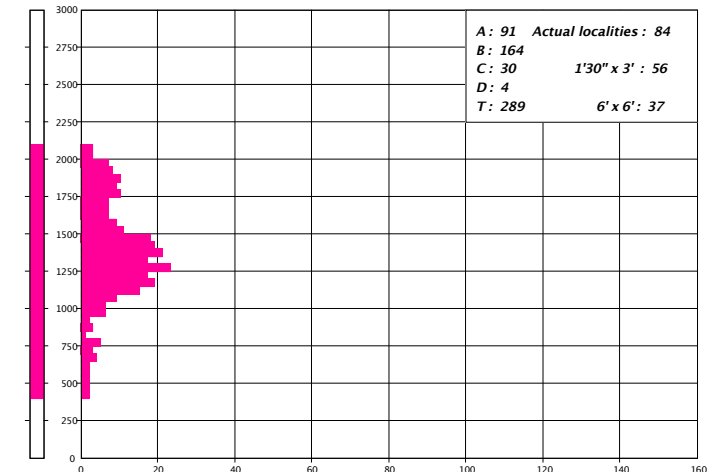
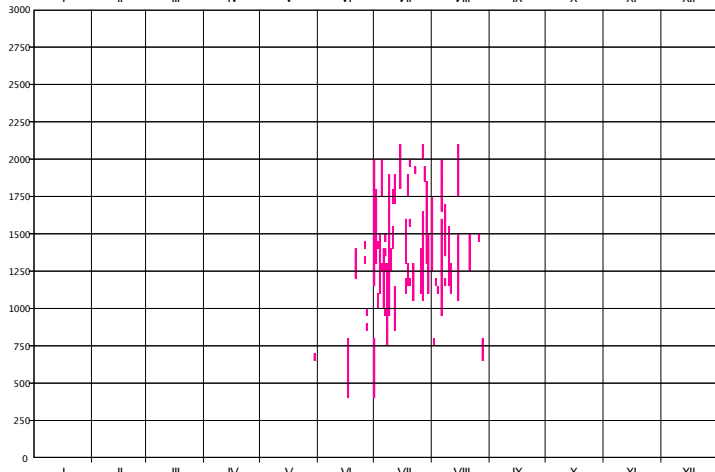
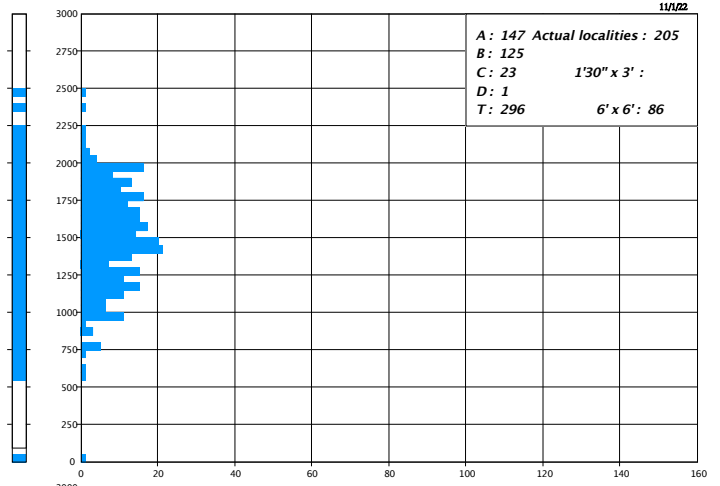
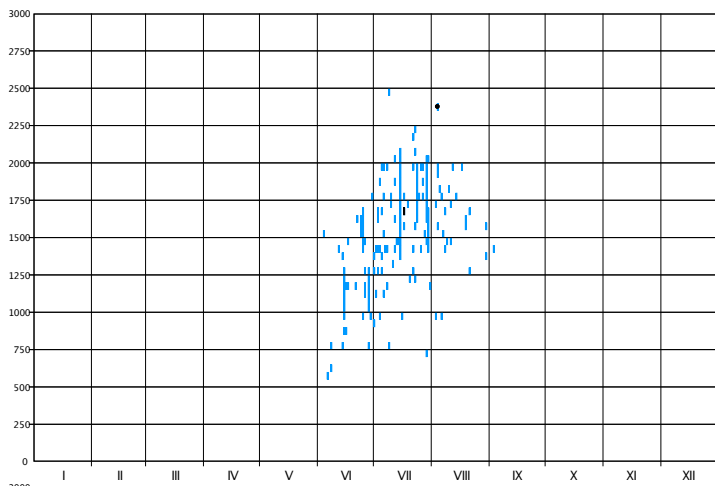
**LYCAENIDAE *Kretania eurypilus***





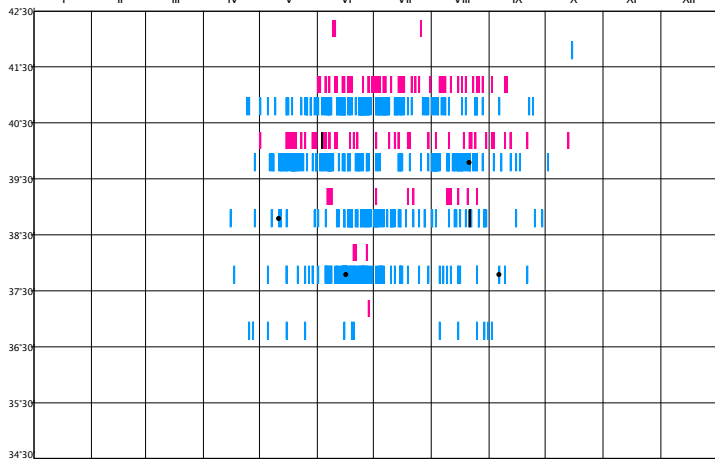
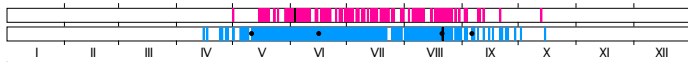
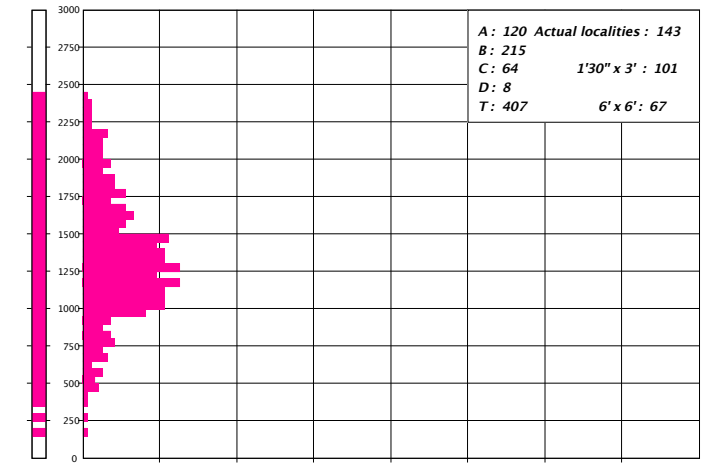
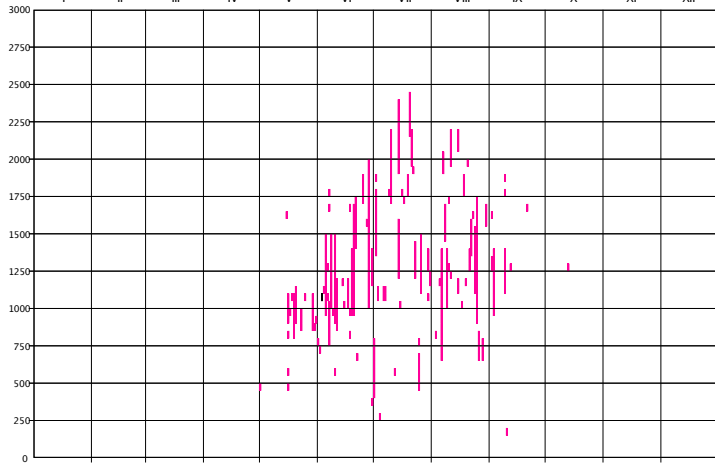
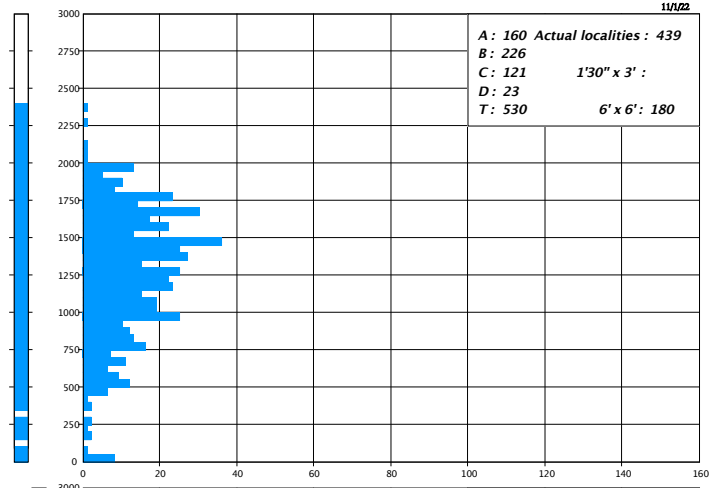
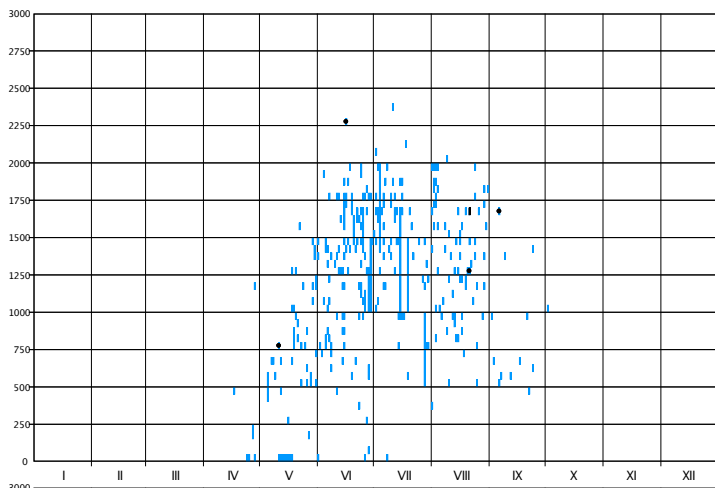


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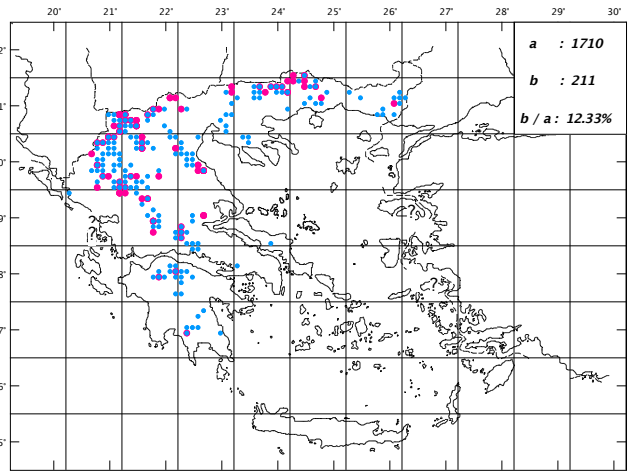


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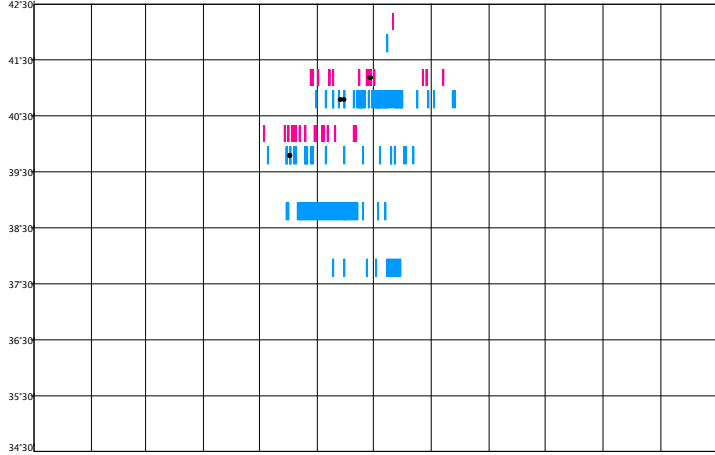
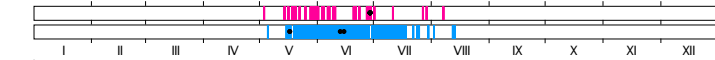
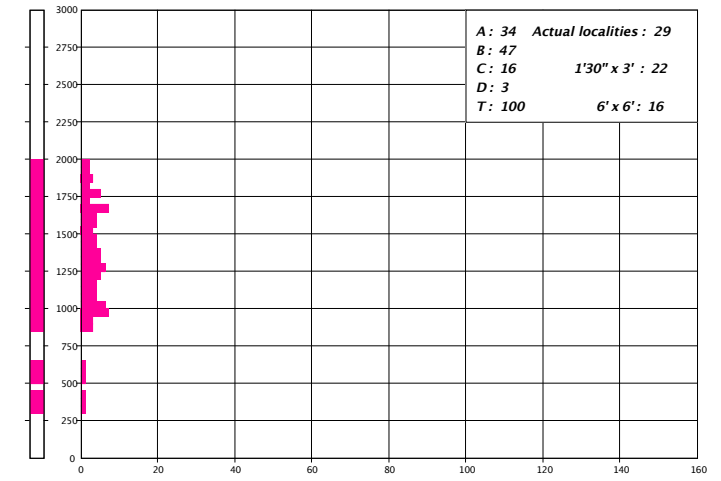
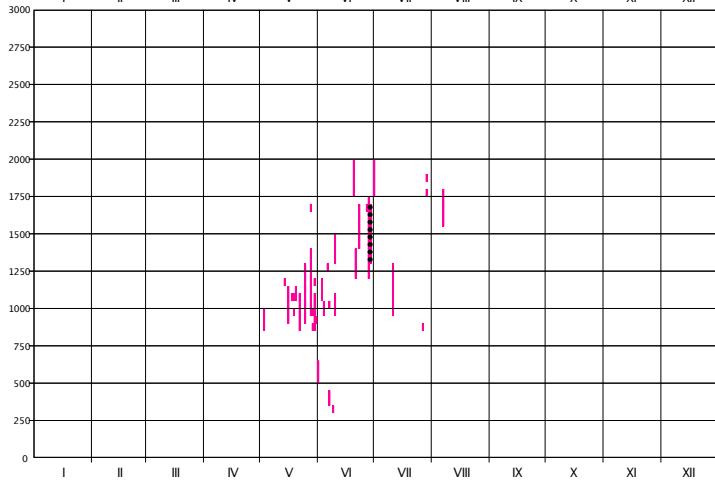
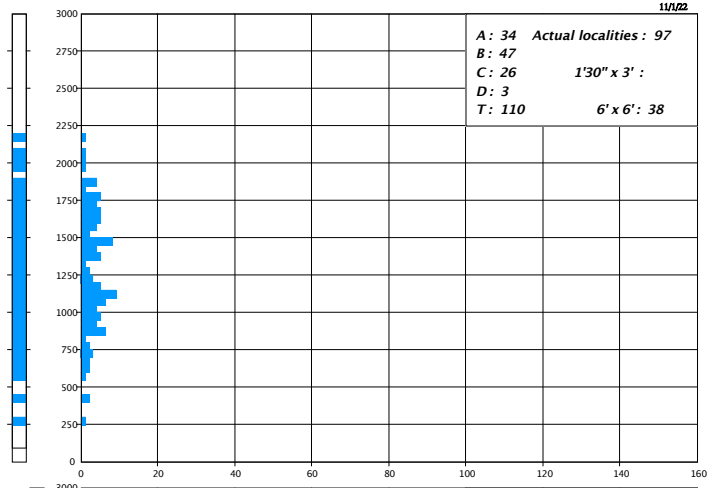
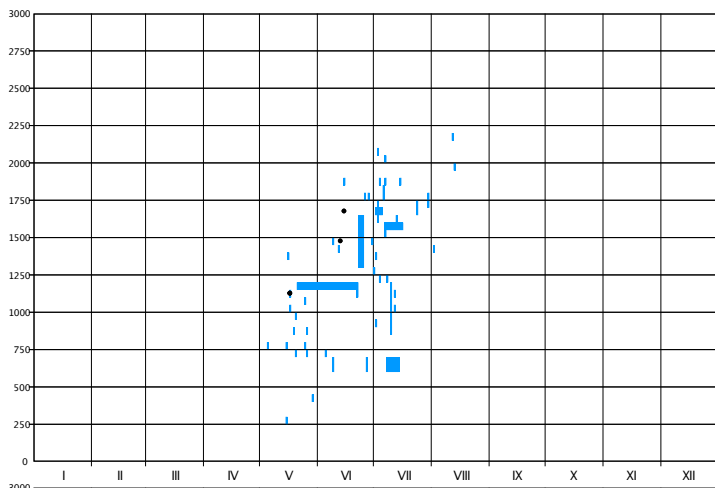




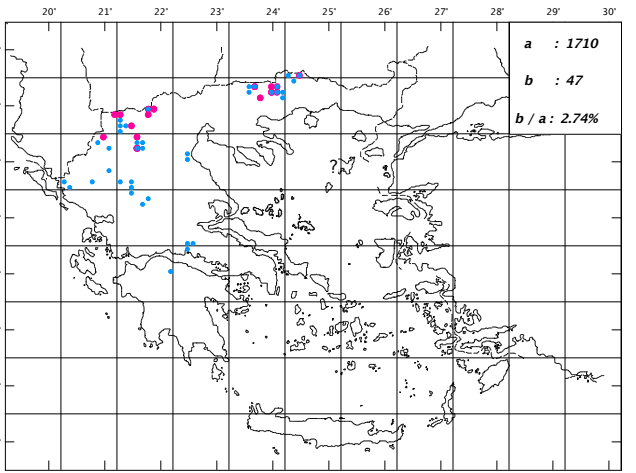
**LYCAENIDAE *Aricia anteros***

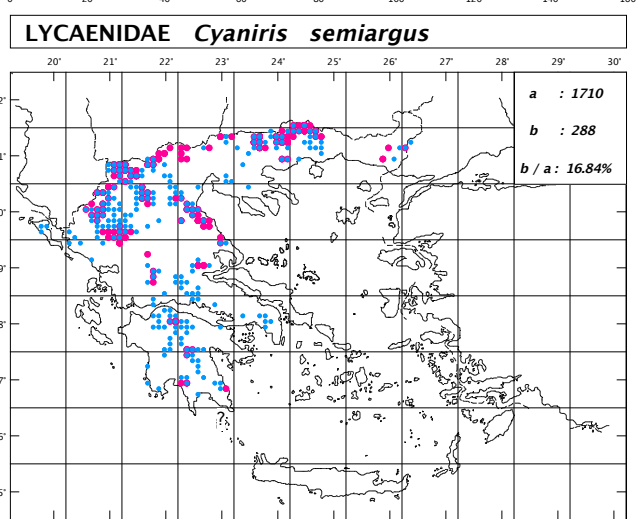
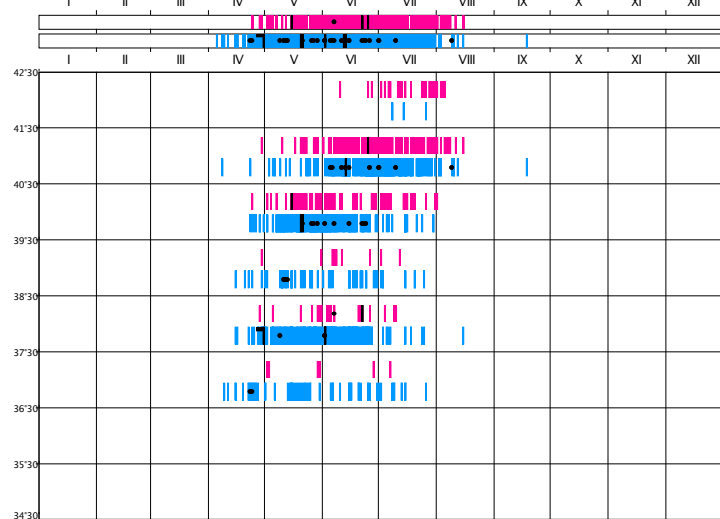
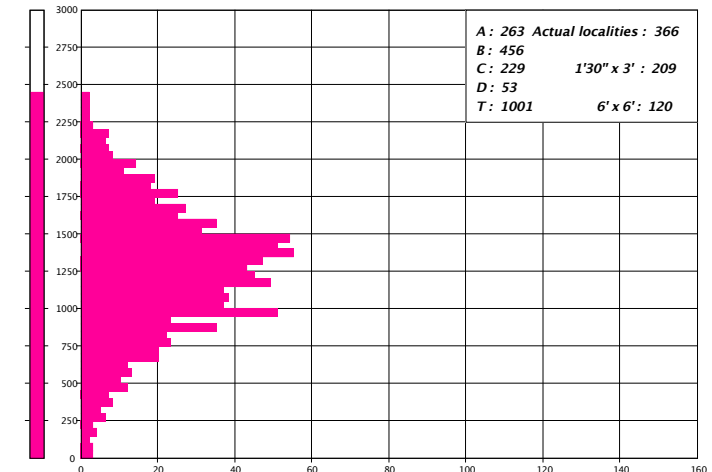
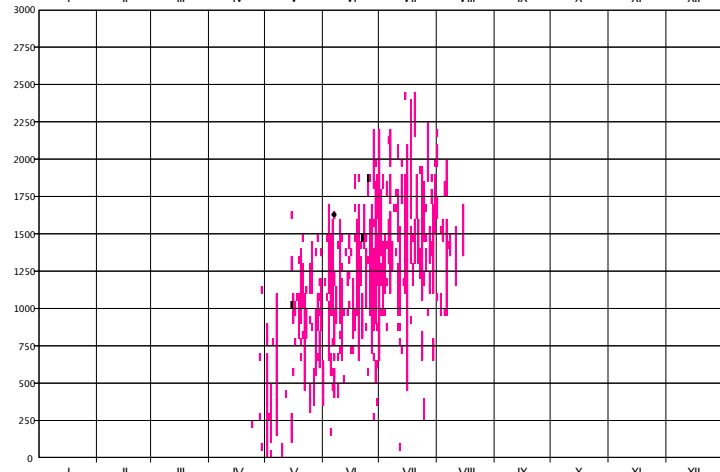
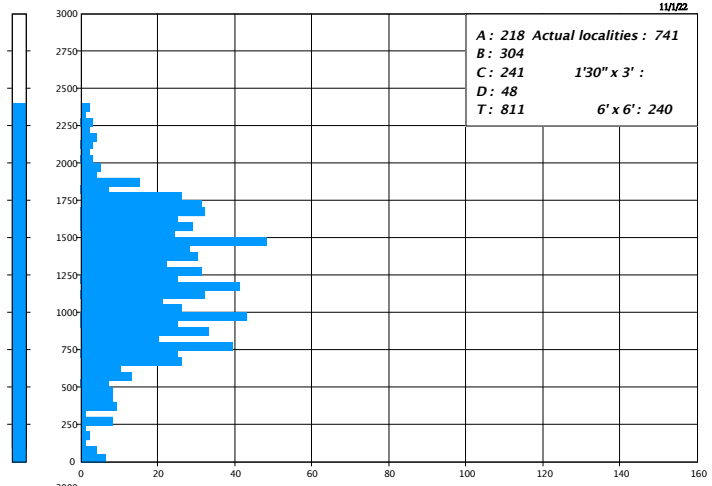
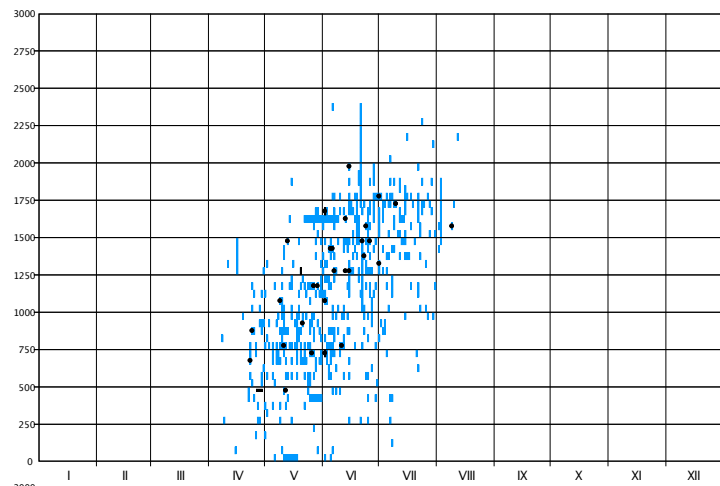


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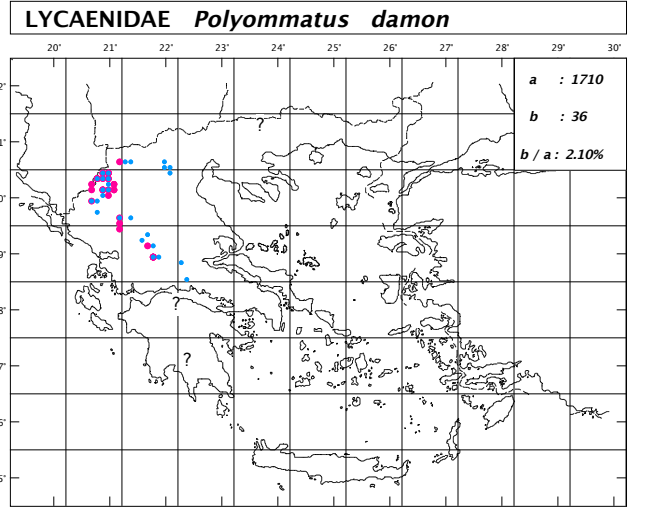
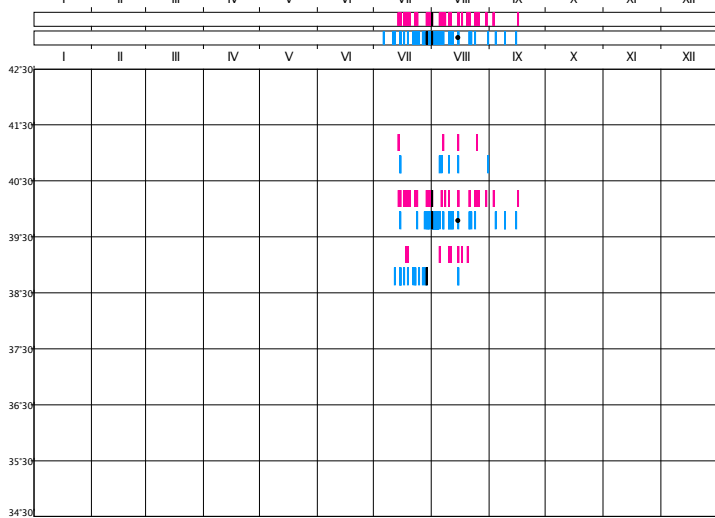
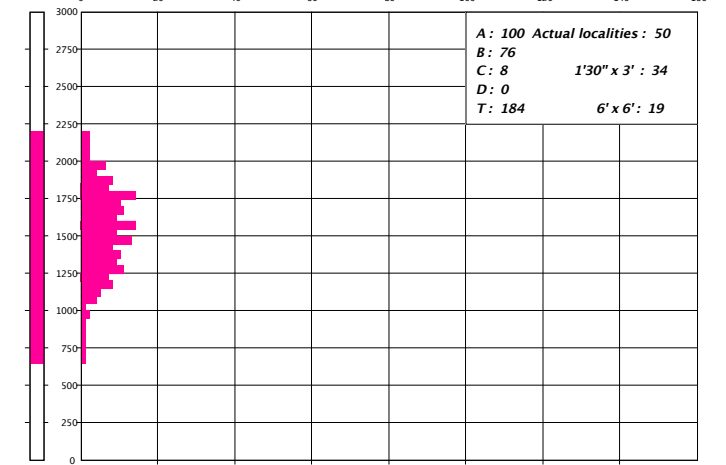
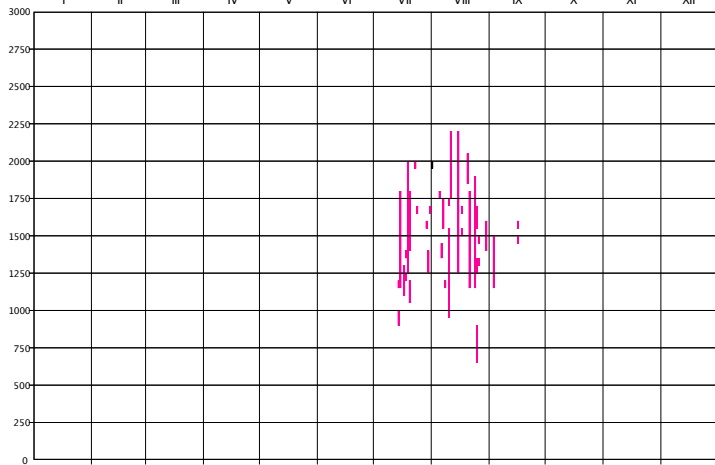
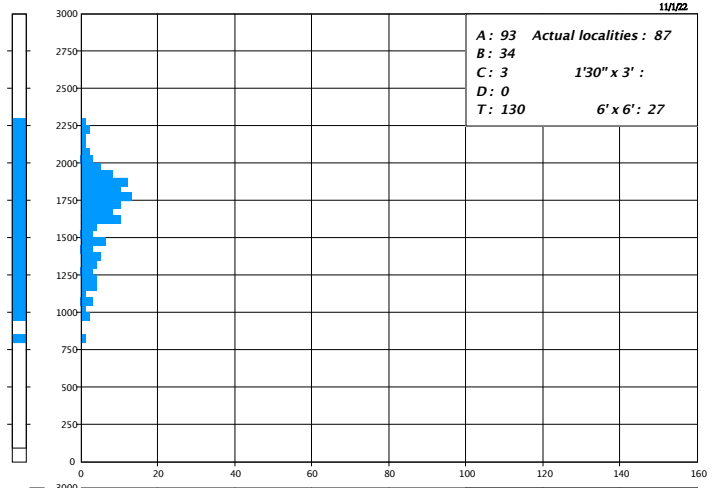
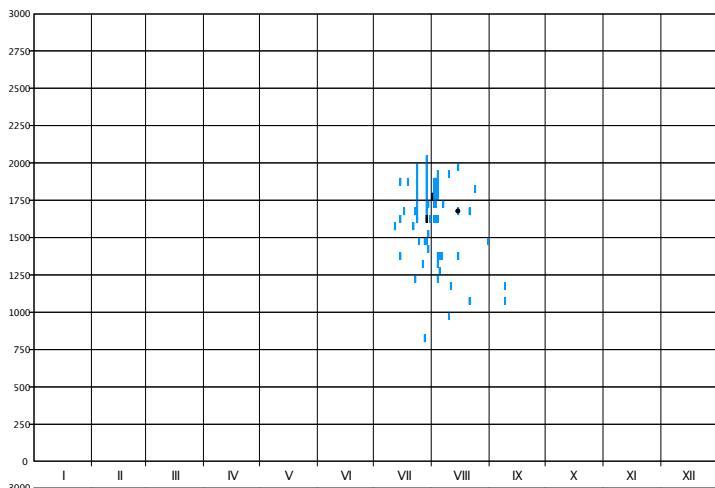


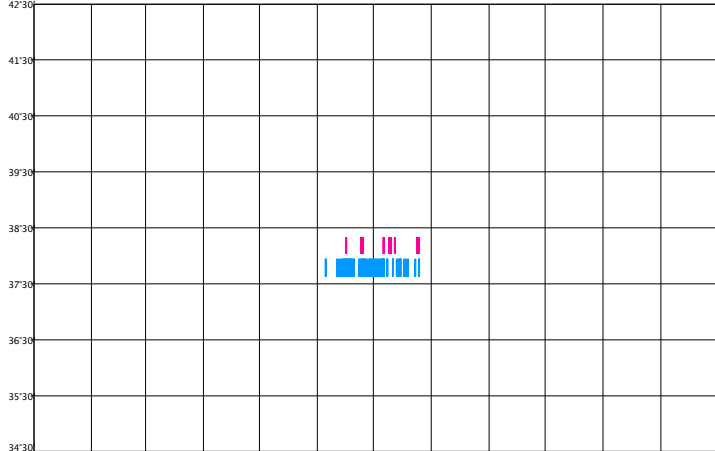
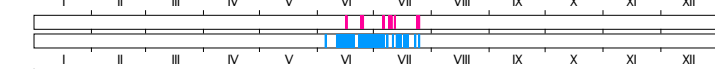
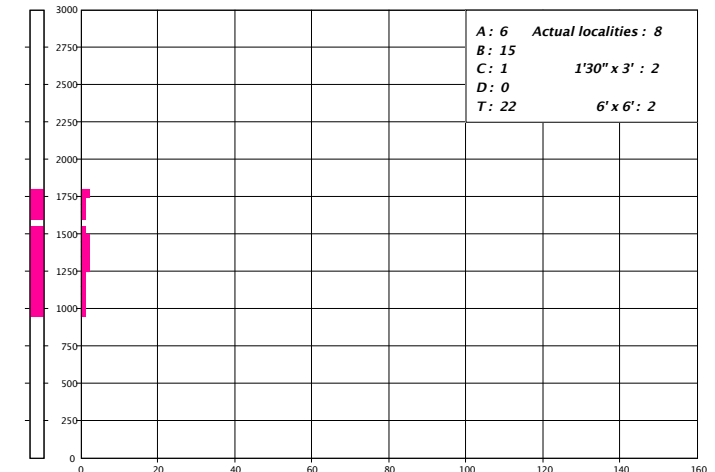
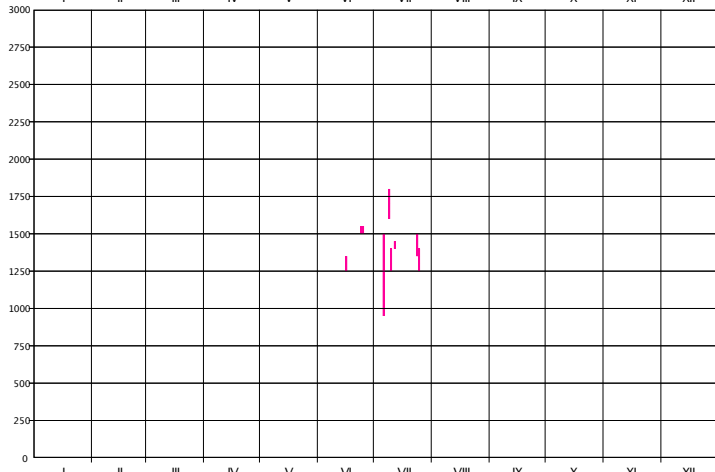
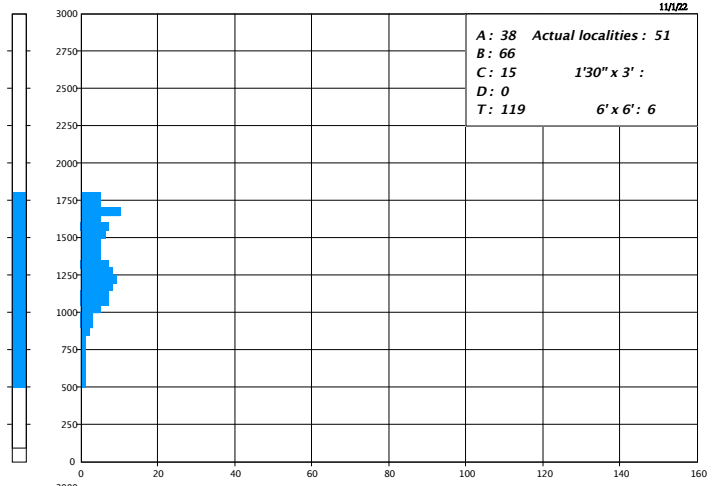
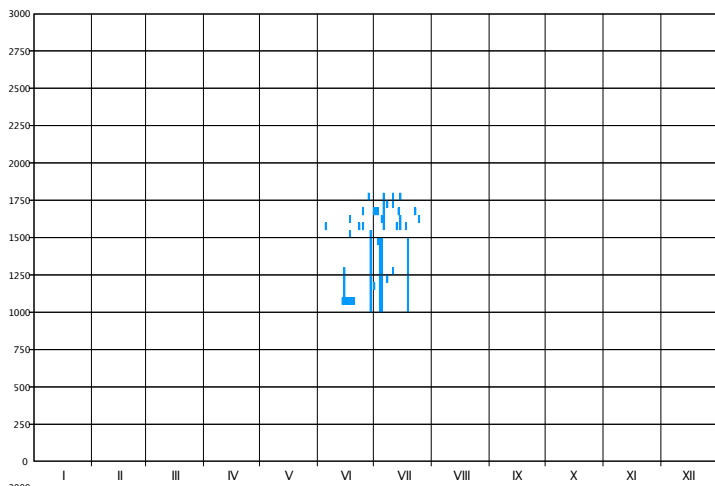
**LYCAENIDAE *Eumedonia eumedon***



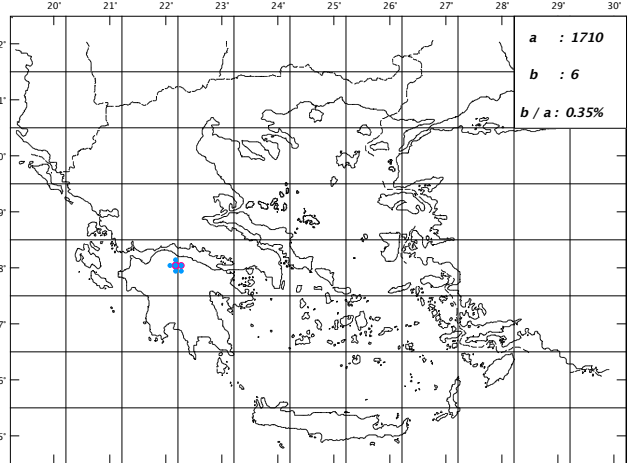


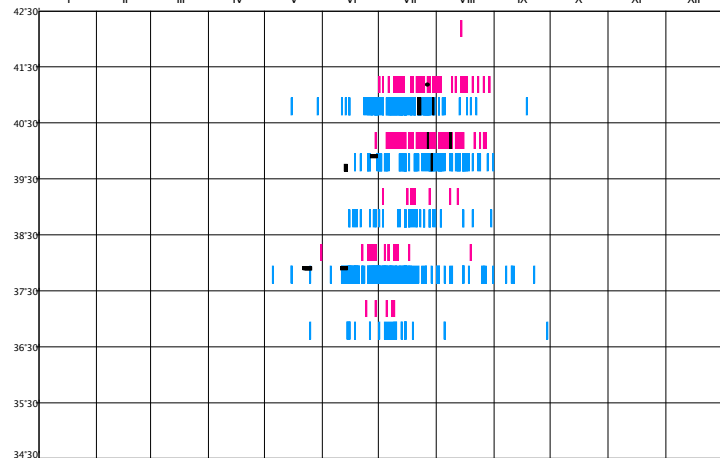
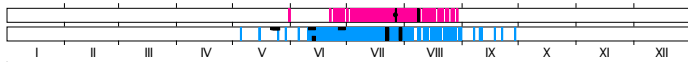
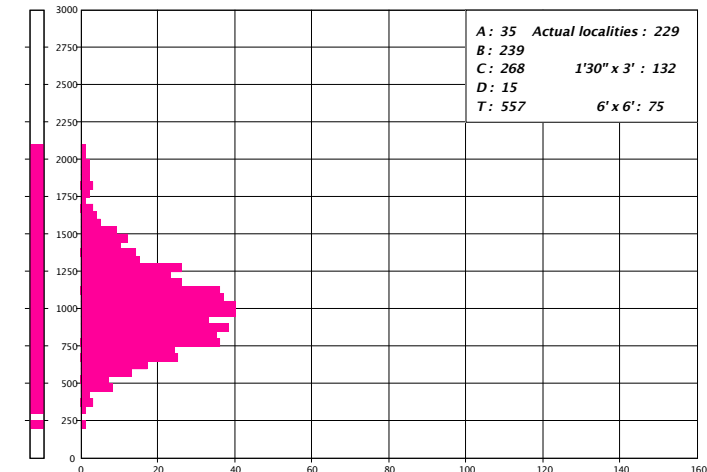
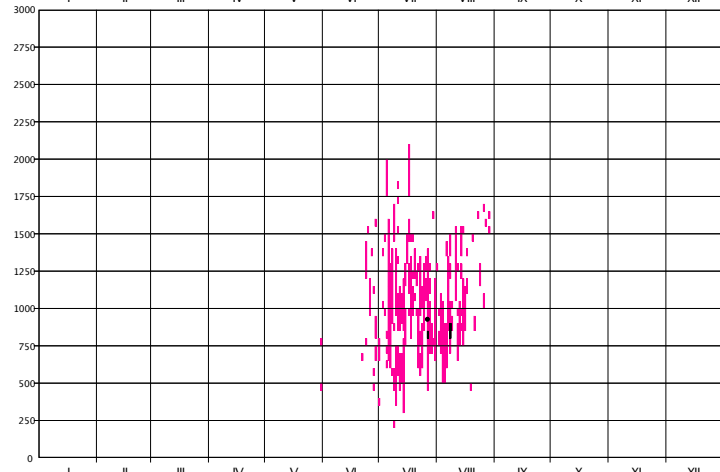
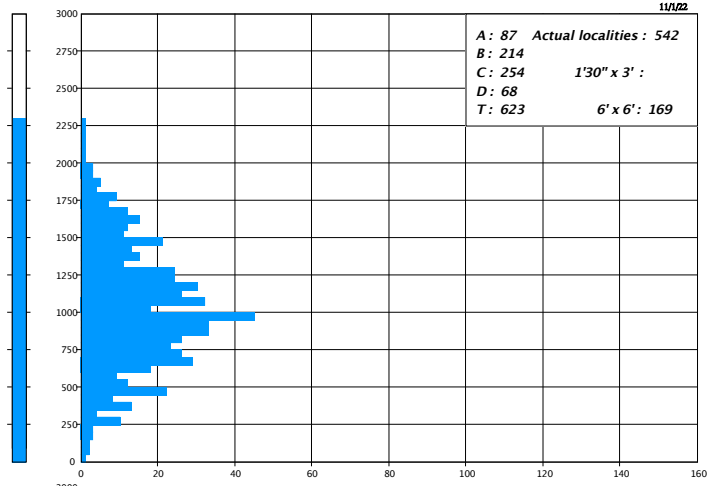
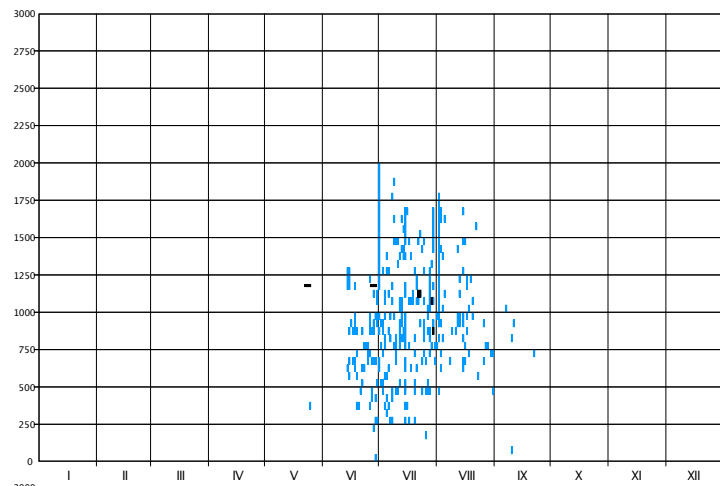
LYCAENIDAE *Cyaniris semiargus*



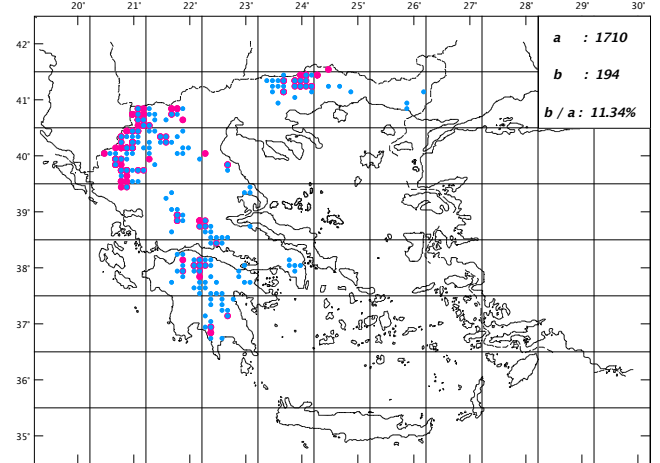


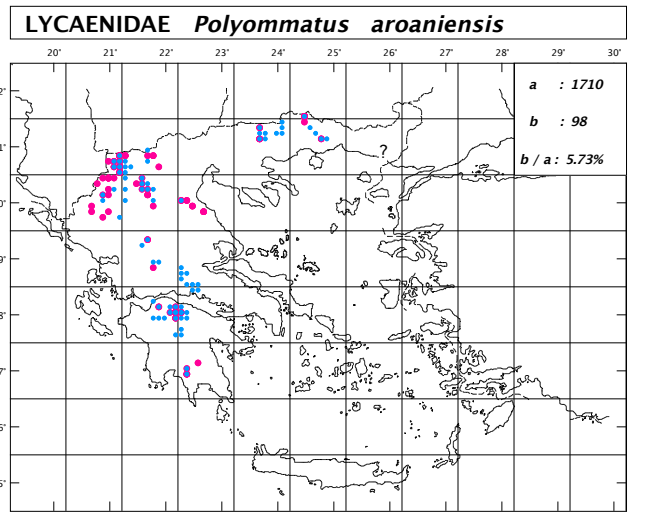
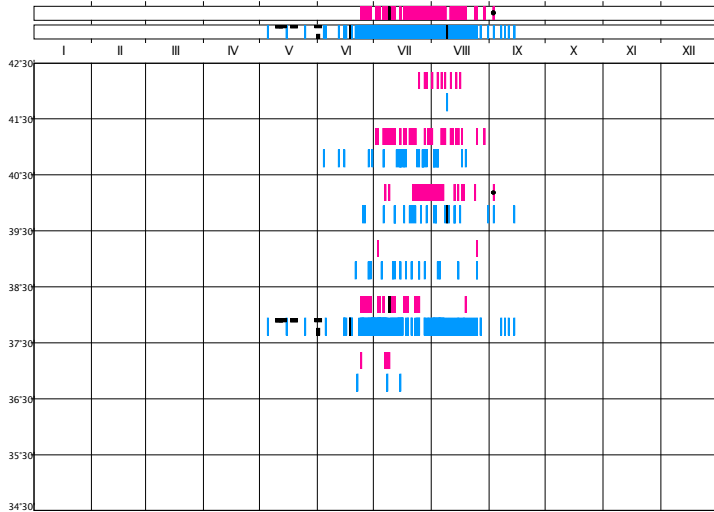
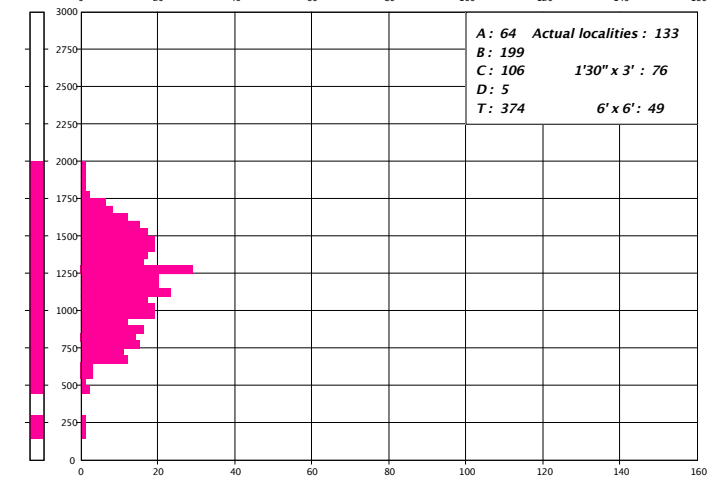
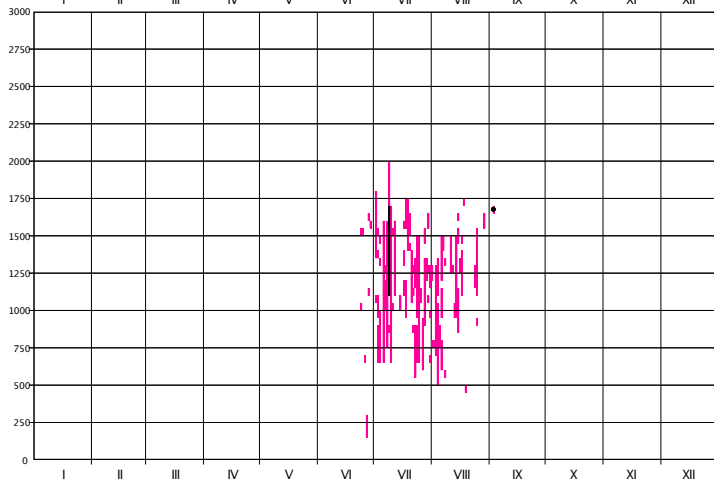
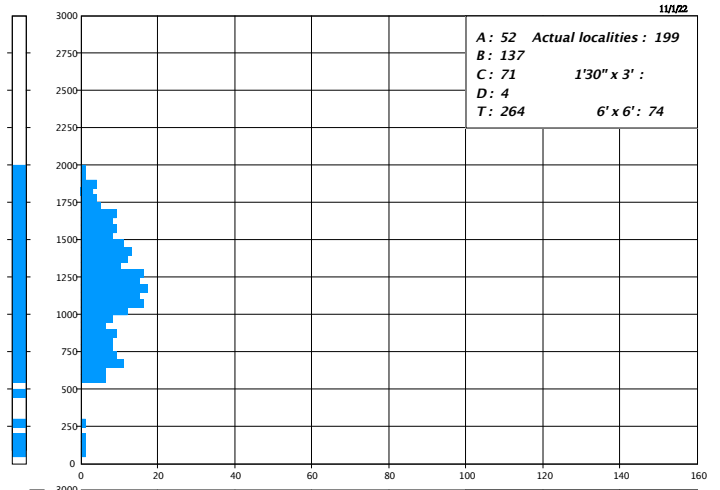
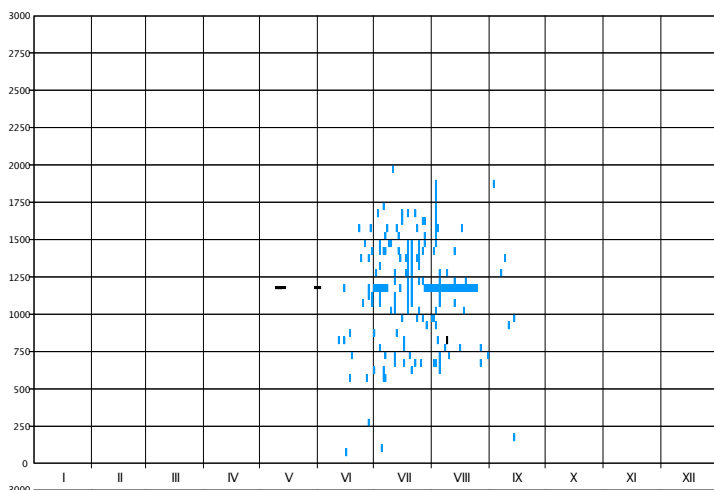
**LYCAENIDAE *Polyommatus iphigenia***





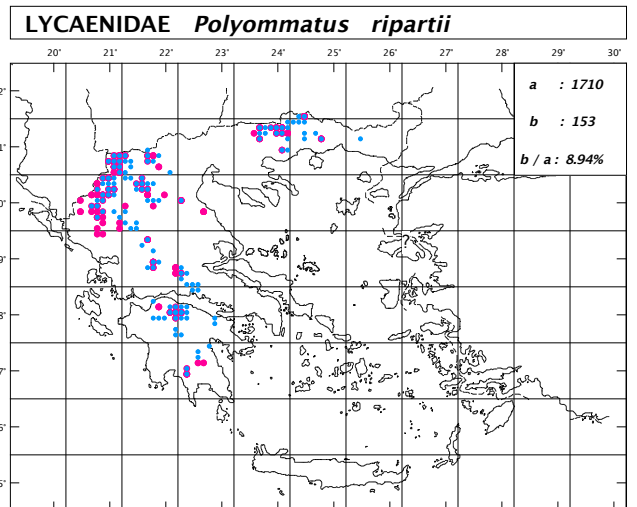
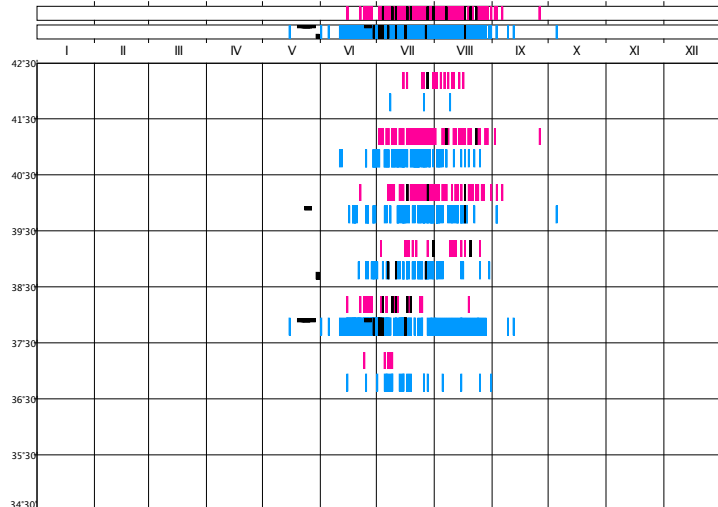
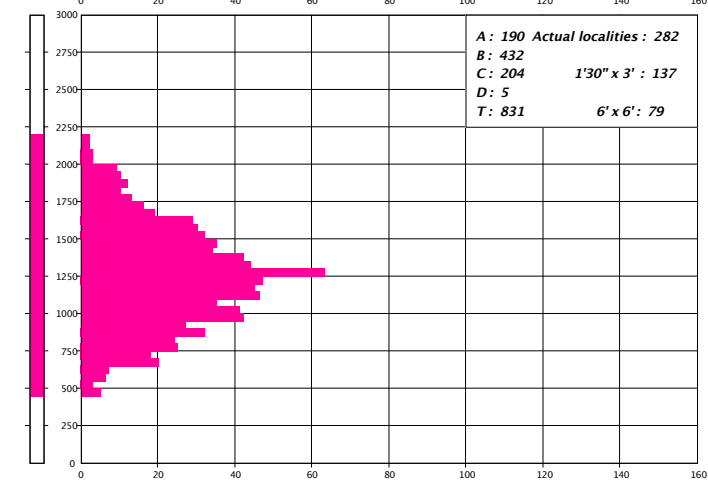
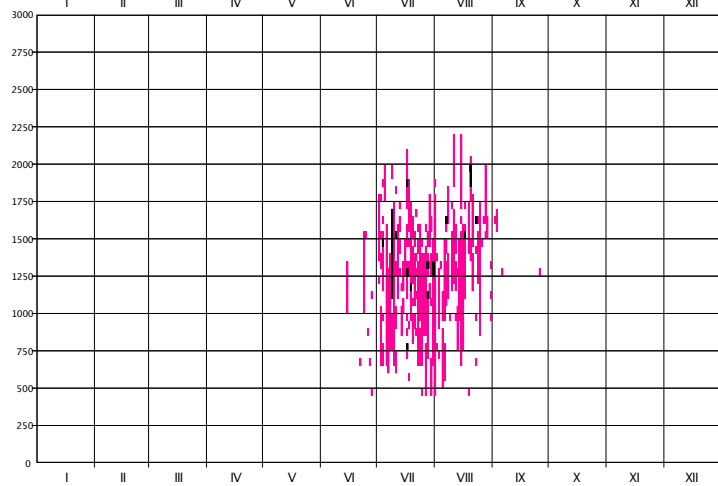
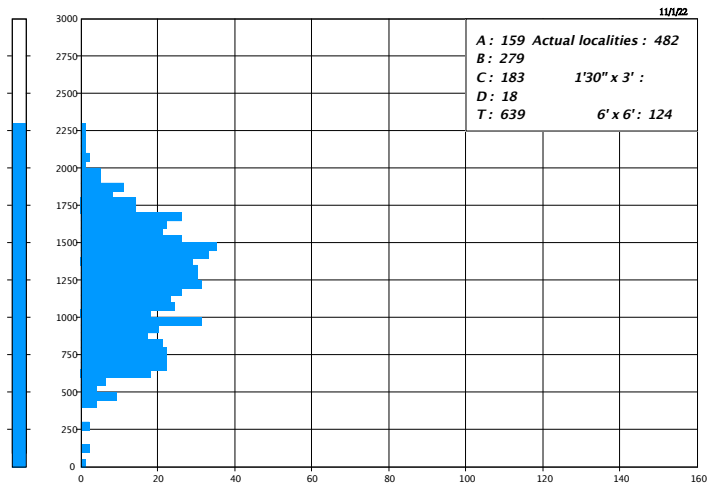
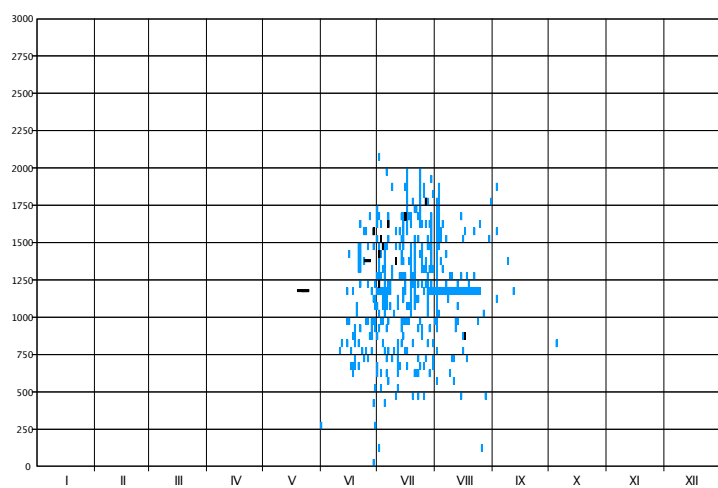
**LYCAENIDAE *Polyommatus admetus***





It was published recently [by Parmentier L, Vila R, Lukhtanov V (2022) Integrative analysis reveals cryptic speciation linked to habitat differentiation within Albanian populations of the anomalous blues (Lepidoptera, Lycaenidae, Polyommatus Latreille, 1804). Comparative Cytogenetics 16(4): 211-242. <https://doi.org/10.3897/CompCytogen.v16.i4.90558>] that a new cryptic species Polyommatus lurae was found in Albania, very similar (in external characters) to P. orphicus eleniae and P. aroaniensis. All records of P. aroaniensis, in this map, should be revised because of the possibility that new cryptic species is hidden.

Δημοσιεύθηκε πρόσφατα [στο Parmentier L, Vila R, Lukhtanov V (2022) Integrative analysis reveals cryptic speciation linked to habitat differentiation within Albanian populations of the anomalous blues (Lepidoptera, Lycaenidae, Polyommatus Latreille, 1804). Comparative Cytogenetics 16(4): 211-242. <https://doi.org/10.3897/CompCytogen.v16.i4.90558>] ότι ένα νέο είδος το Polyommatus lurae βρέθηκε στην Αλβανία, το οποίο είναι πάρα πολύ όμοιο με τα P. orphicus eleniae και P. aroaniensis. Όλες οι καταγραφές του P. aroaniensis, σε αυτόν τον χάρτη πρέπει να επανεξεταστούν επειδή υπάρχει η πιθανότητα να υπάρχουν κρυπτικά είδη.

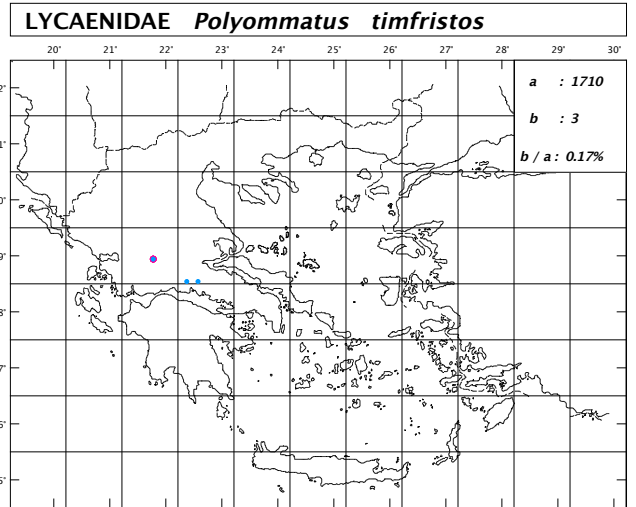
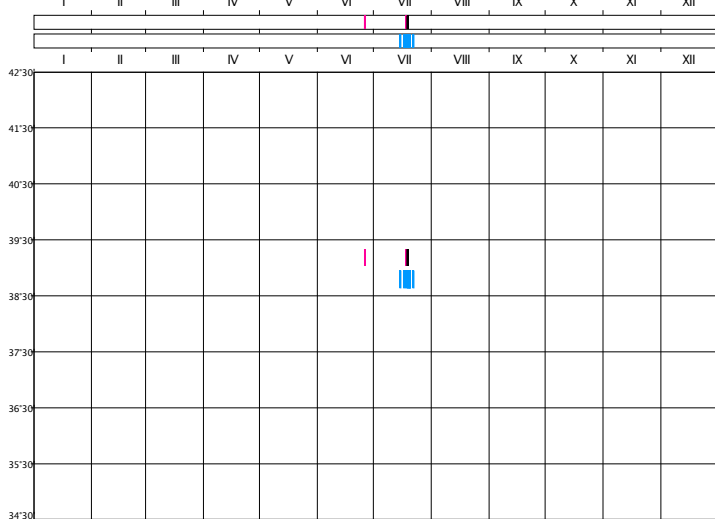
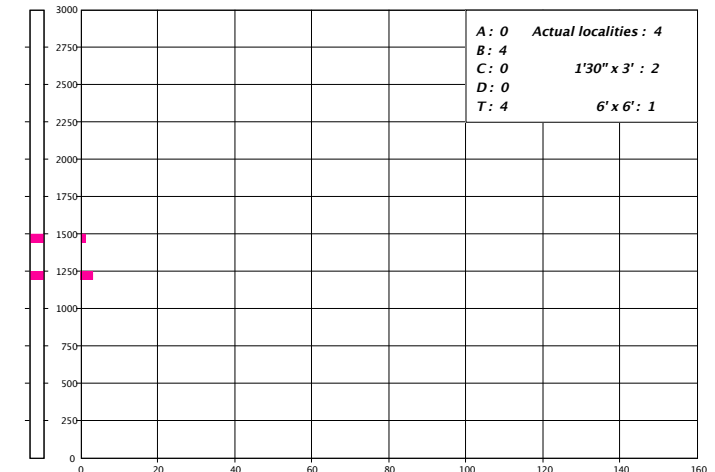
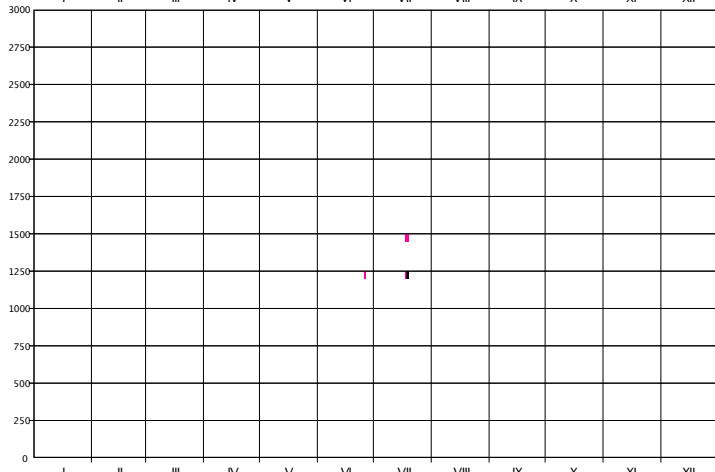
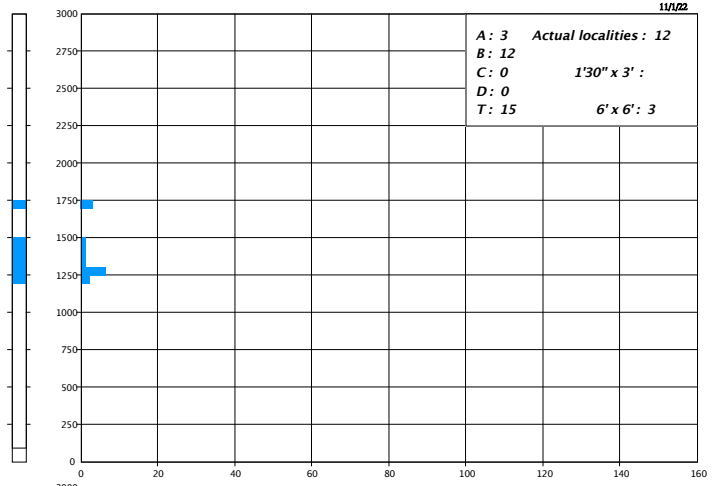
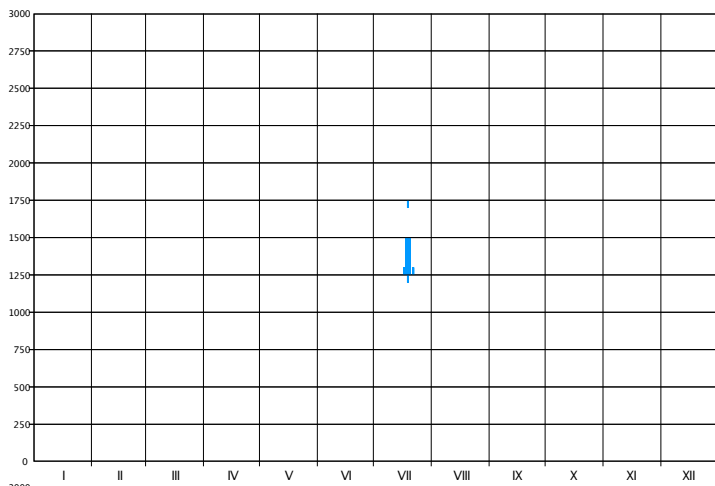


[https://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_ripartii\\_timfristos\\_complex.html](https://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_ripartii_timfristos_complex.html)

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.

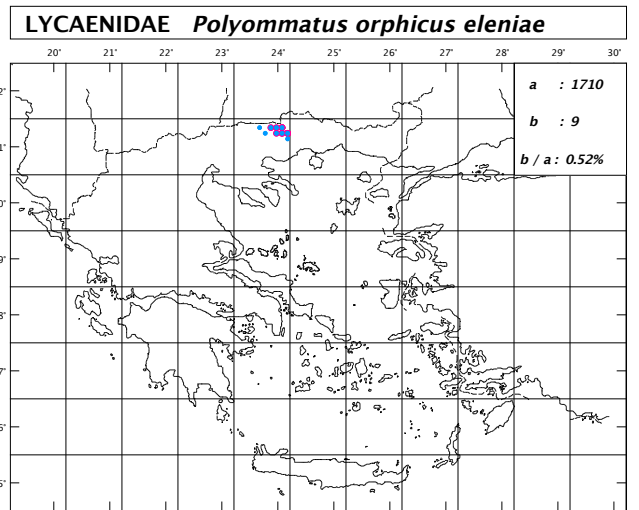
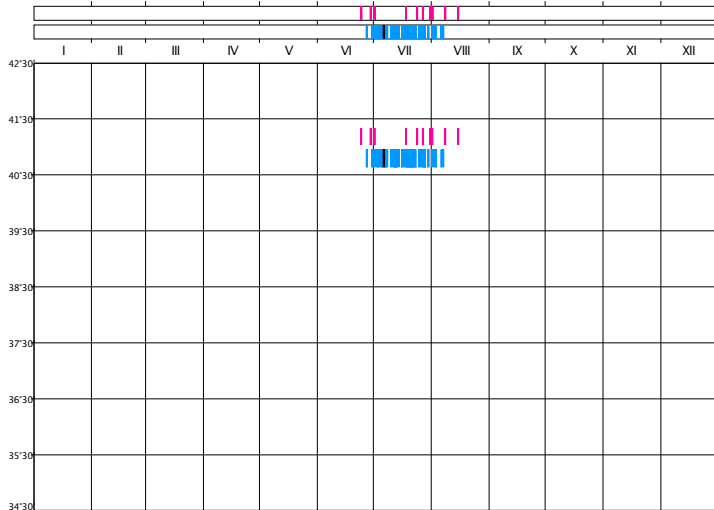
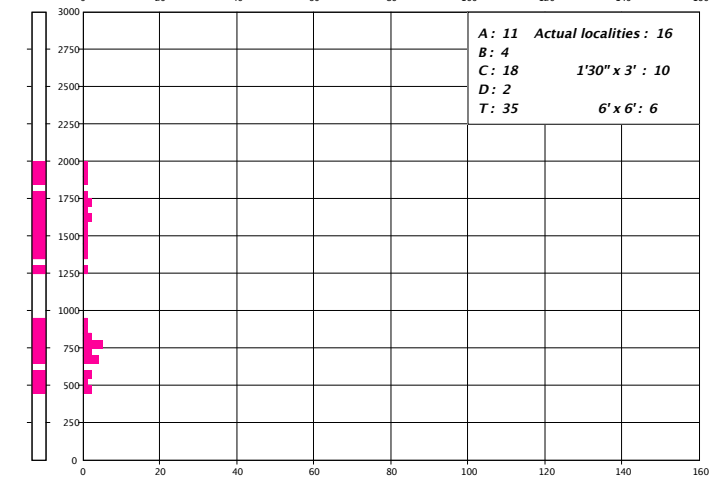
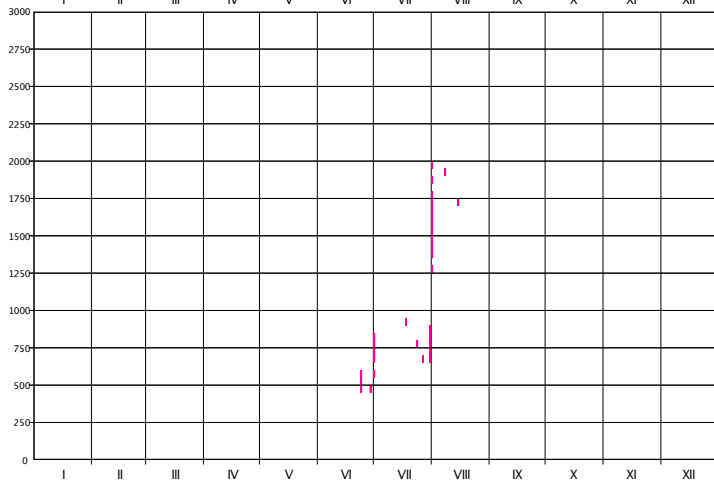
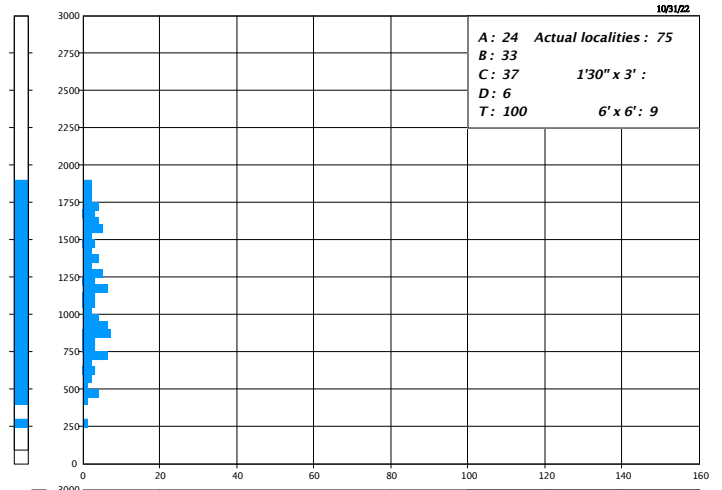
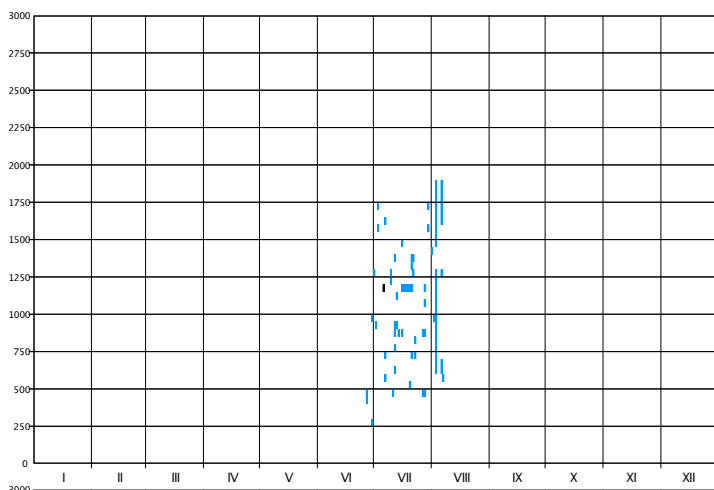
Όπως δημοσιεύθηκε στο VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016):  
 Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics 10(5): 1–85. <https://doi.org/10.3897/CompCytogen.v10i5.10944>, το νέο 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.





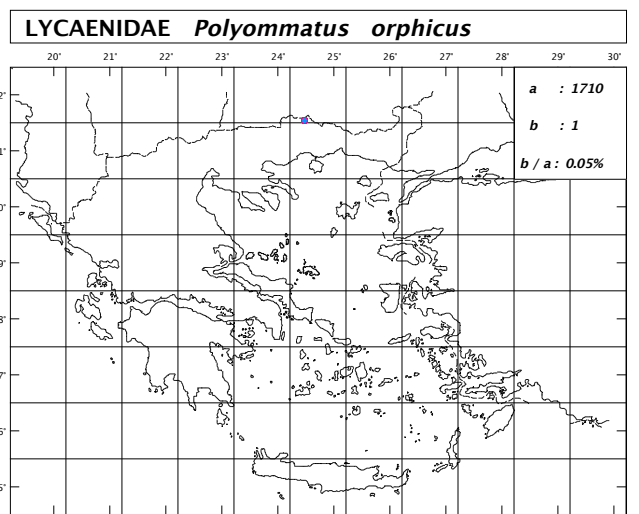
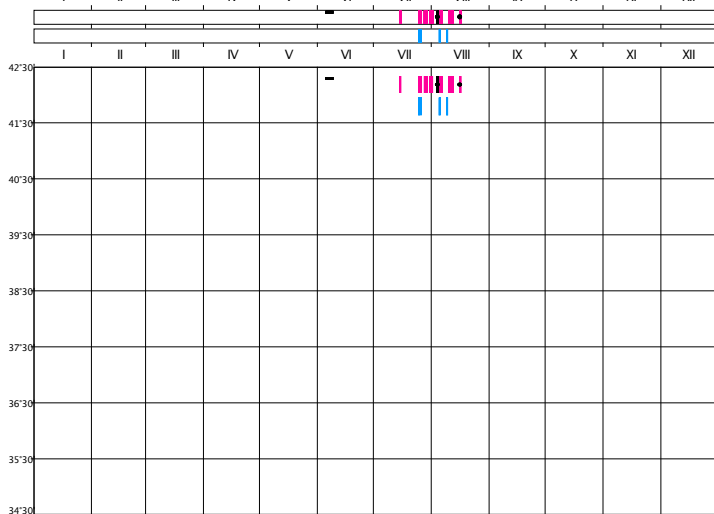
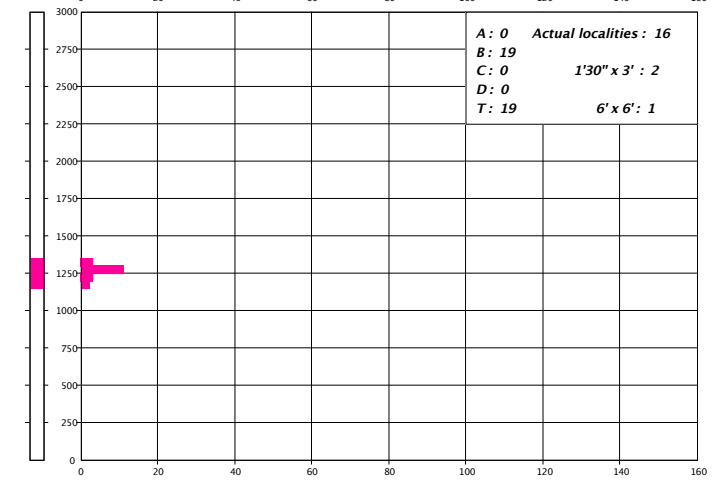
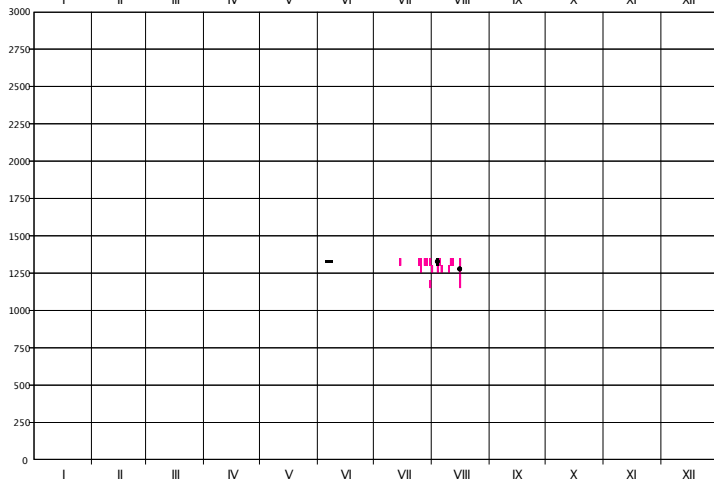
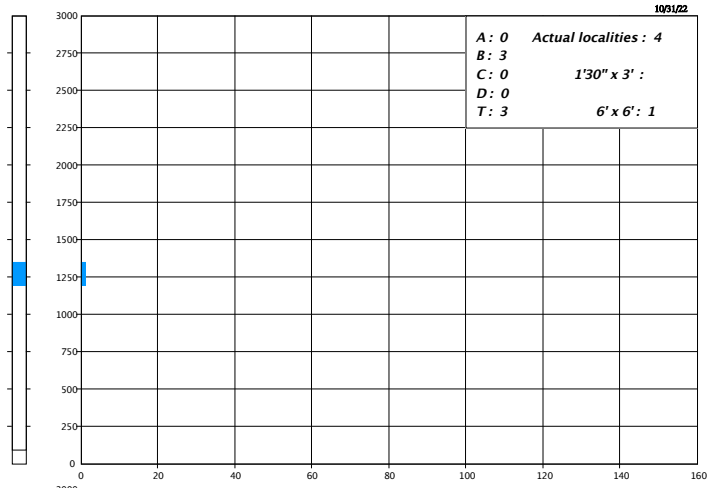
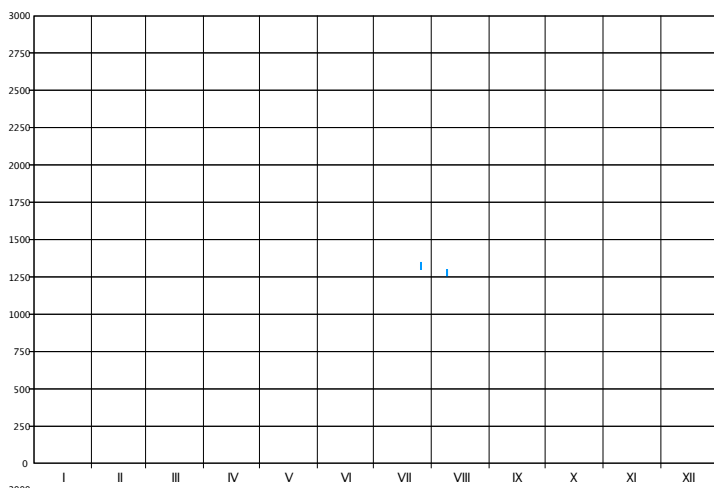
**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
ENDEMIC SPECIES OF GREECE**

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



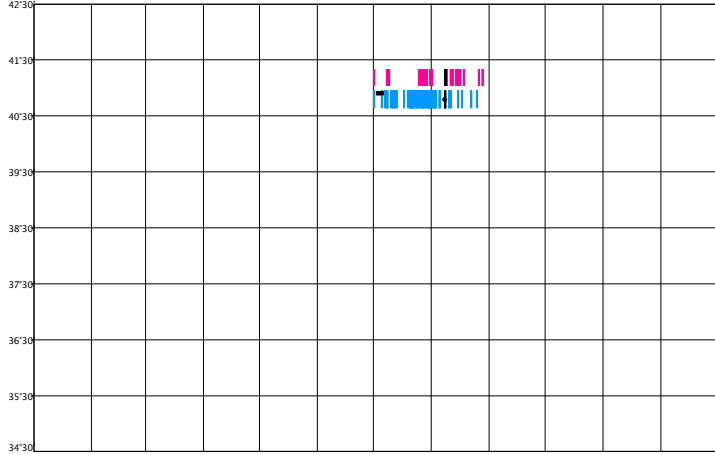
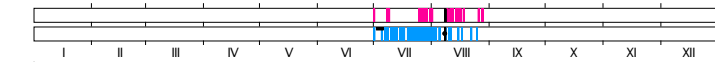
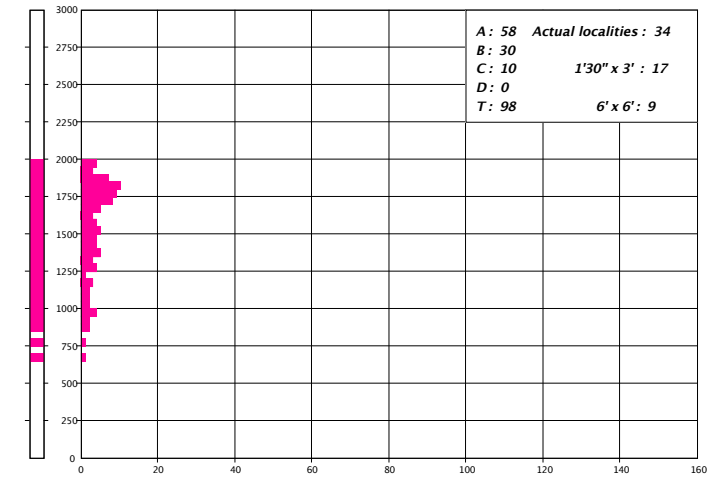
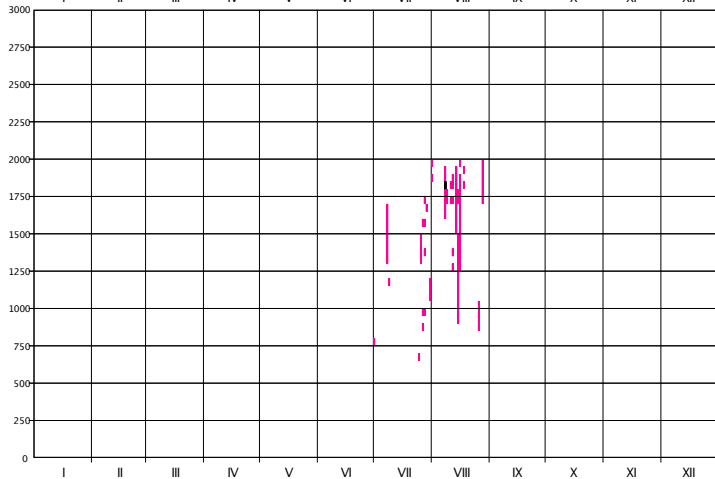
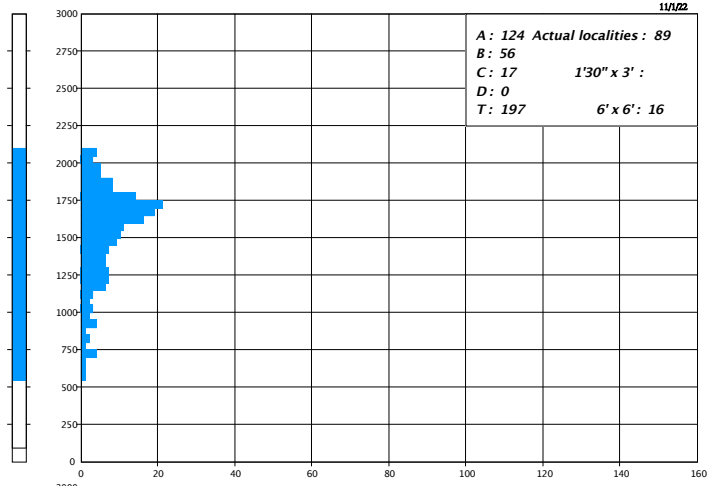
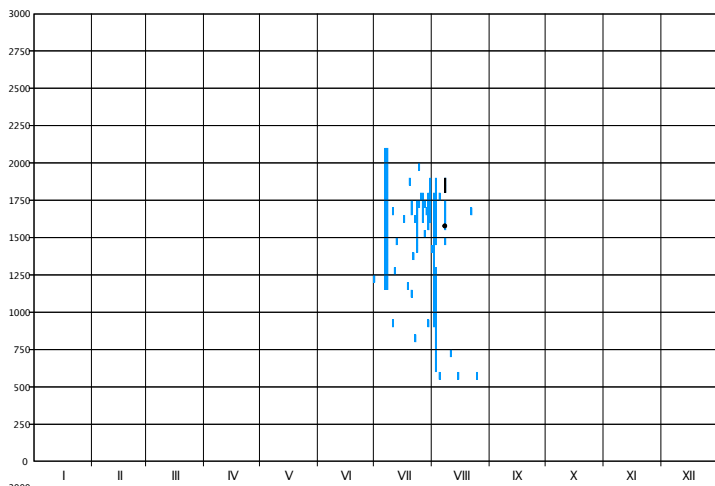
*Polyommatus orphicus eleniae*, a new subspecies as suggested by VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016): Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics 10(5): 1–85. <https://doi.org/10.3897/CompCytogen.v10i5.10944>. Very similar to *P. aroaniensis*; see photos of *P. eleniae* in pages 296-297 of the book the Butterflies of Greece (2009).

*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>. Μεγάλη ομοιότητα με το *P. aroaniensis*. Δείτε για φωτογραφίες του *P. eleniae*, στις σελίδες 296-297 του βιβλίου Οι Πεταλούδες της Ελλάδας (2009).

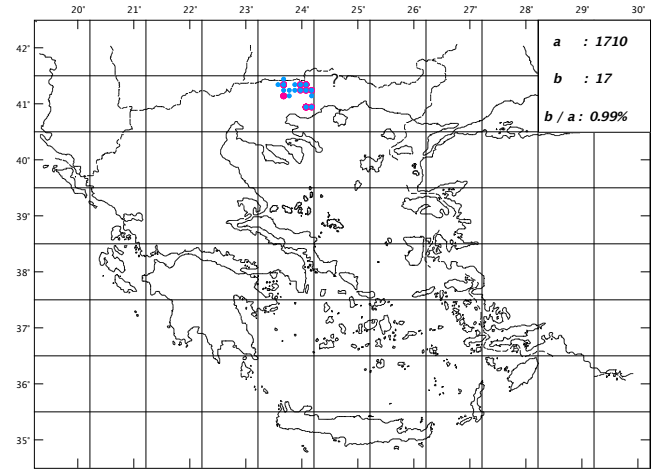


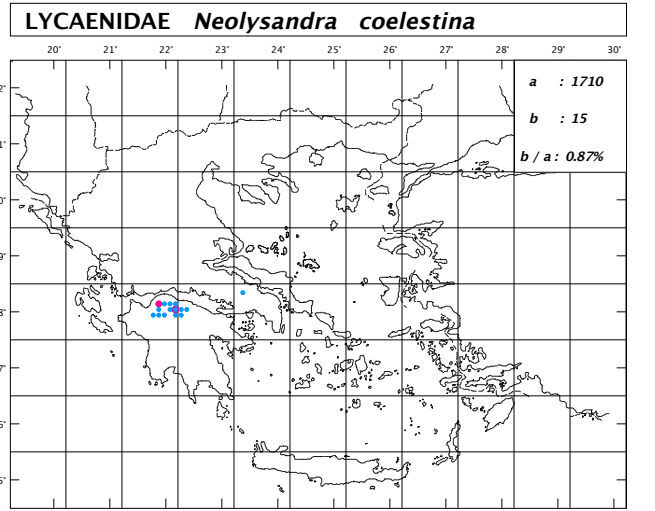
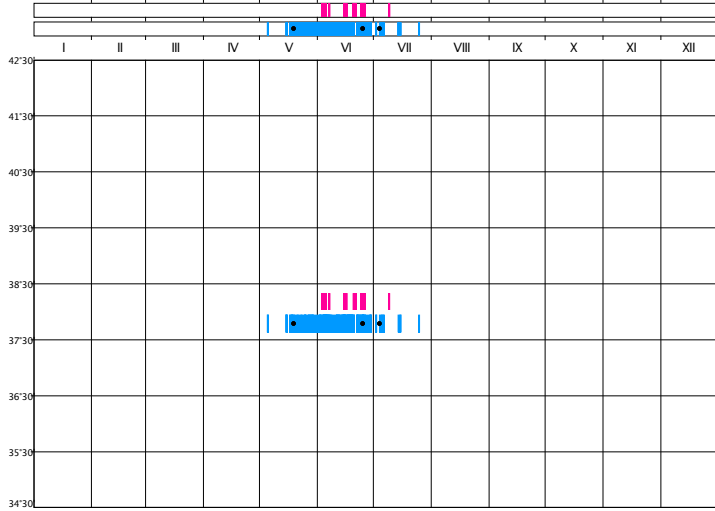
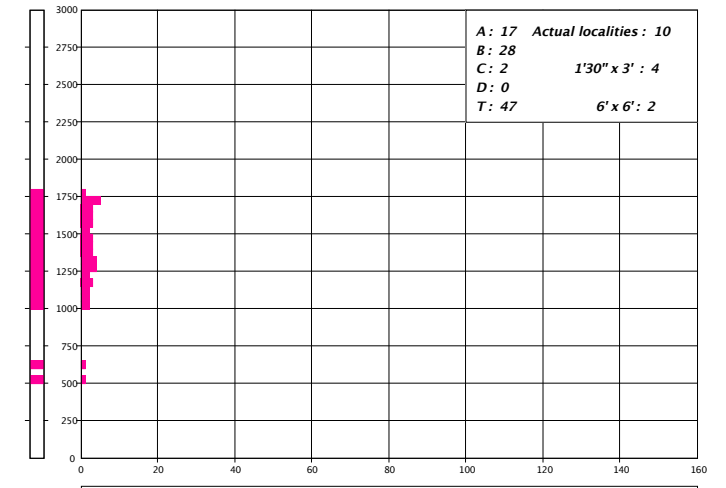
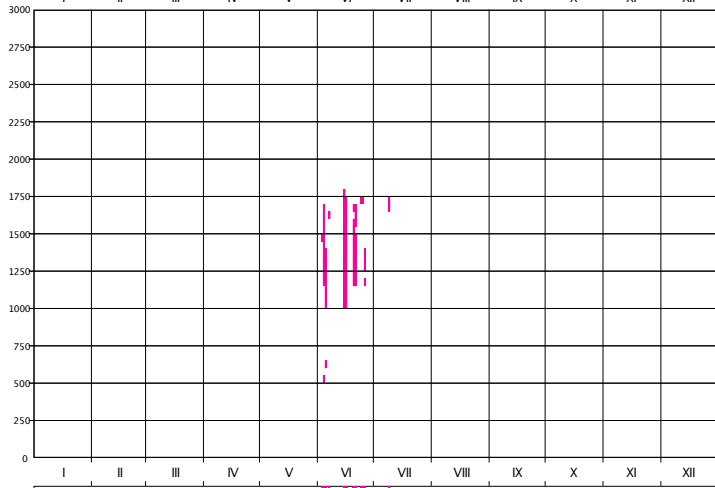
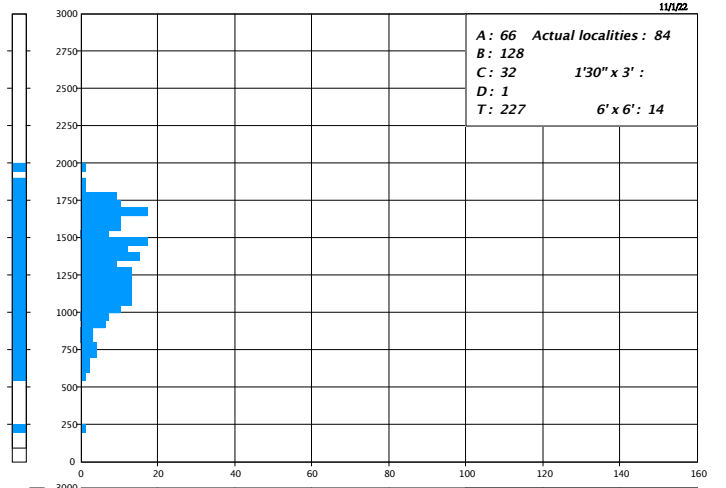
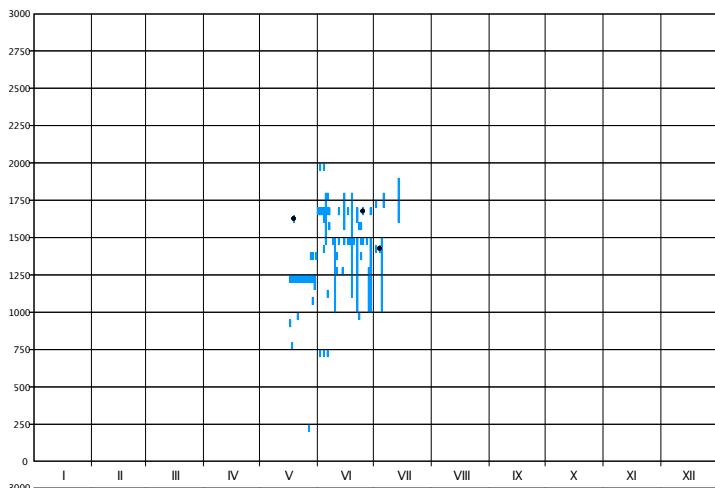
*Polyommatus orphicus eleniae*, a new subspecies as suggested by VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016): Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics 10(5): 1–85. <https://doi.org/10.3897/CompCytogen.v10i5.10944>. See photos of *P. orphicus* in pages 310–313 of the book the Butterflies of Greece (2009).

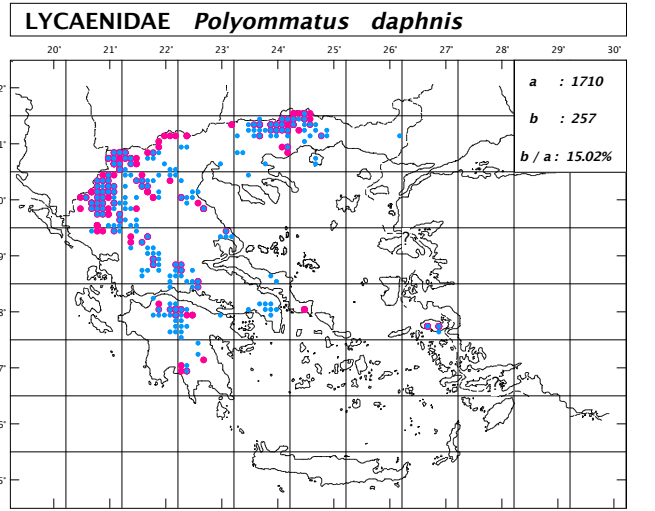
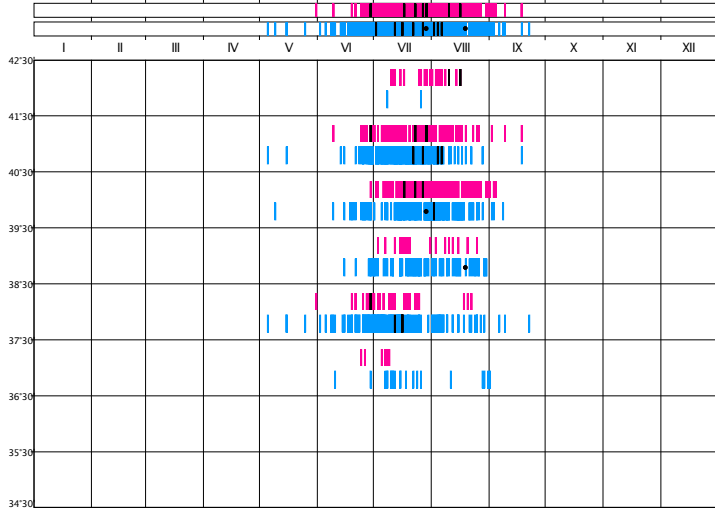
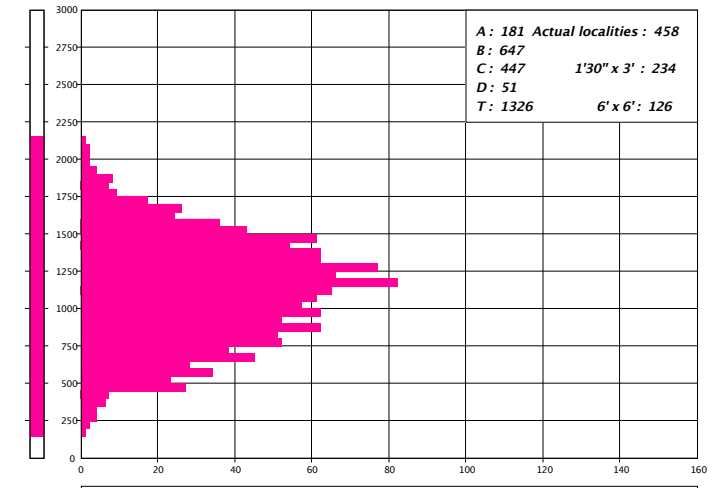
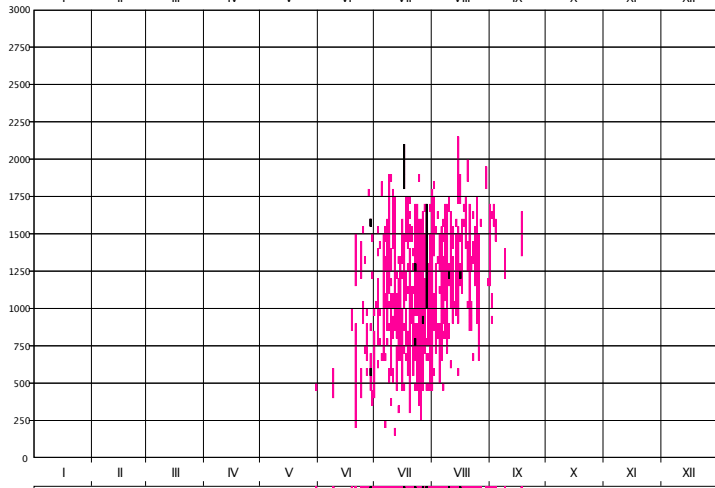
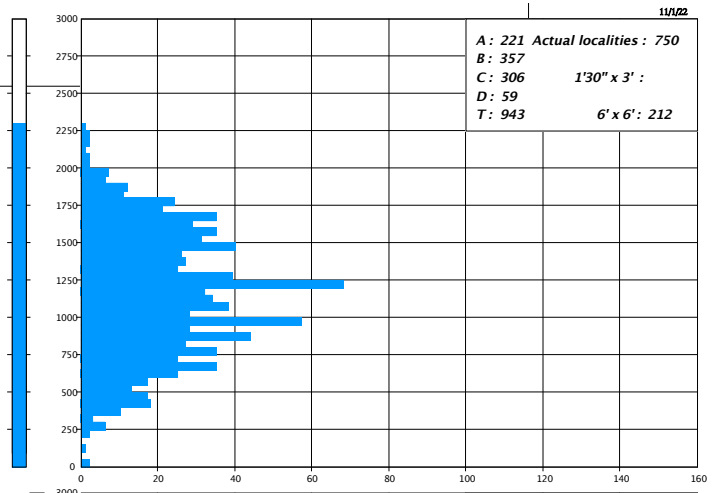
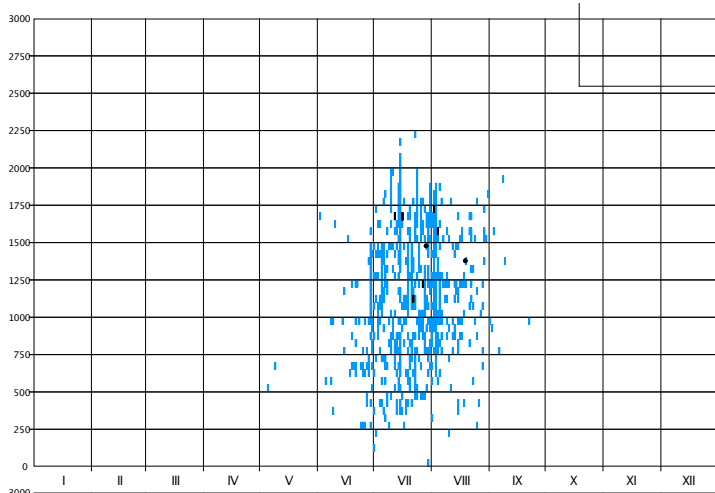
*Polyommatus orphicus eleniae*, το οποίο έχει προταθεί με το VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016): Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics 10(5): 1–85. <https://doi.org/10.3897/CompCytogen.v10i5.10944>. Δείτε για φωτογραφίες του *P. orphicus*, στις σελίδες 310–313 του βιβλίου Οι Πεταλούδες της Ελλάδας (2009).

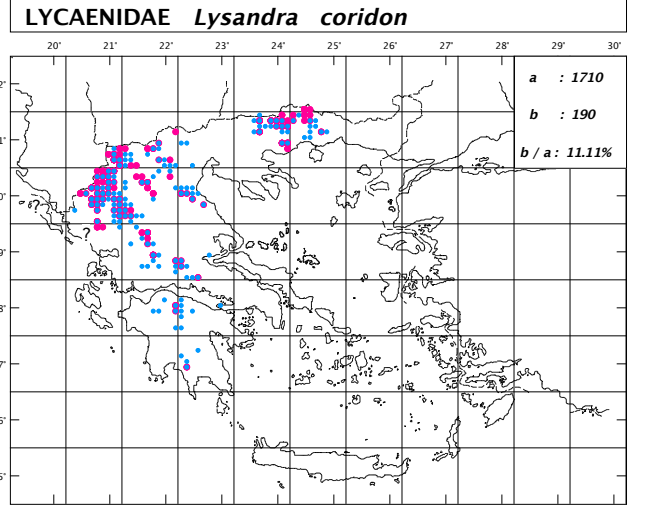
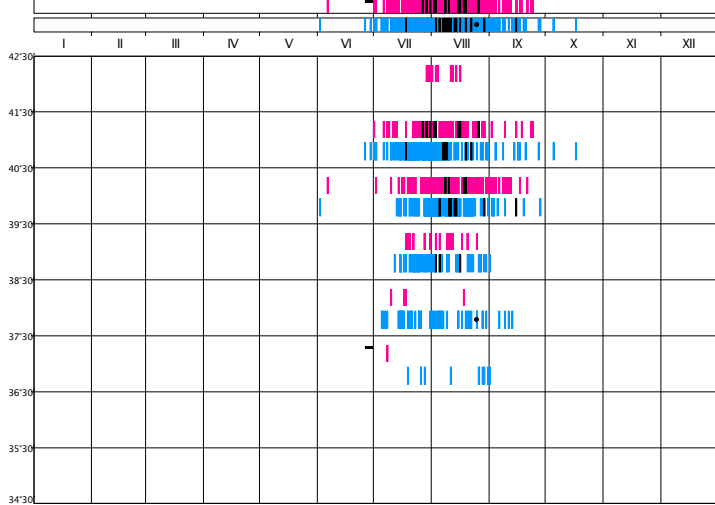
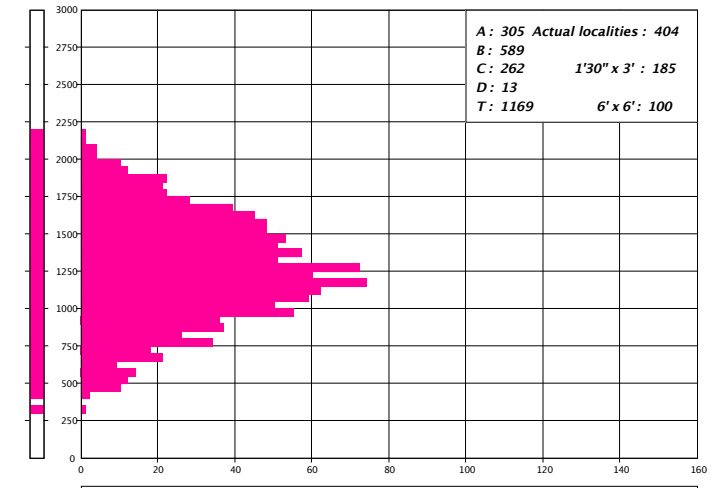
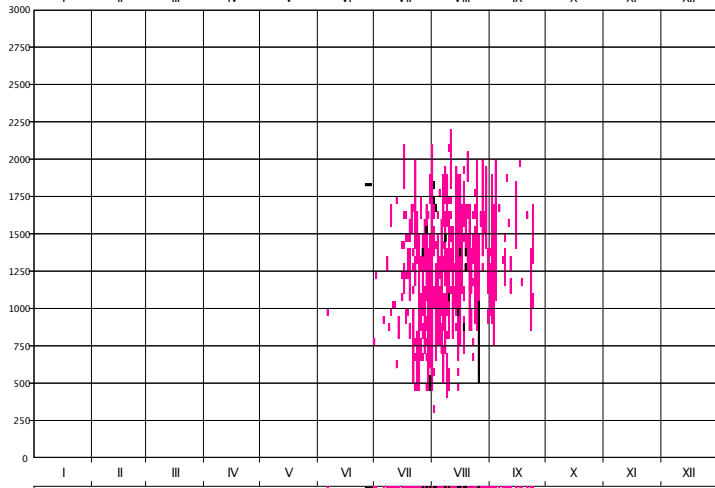
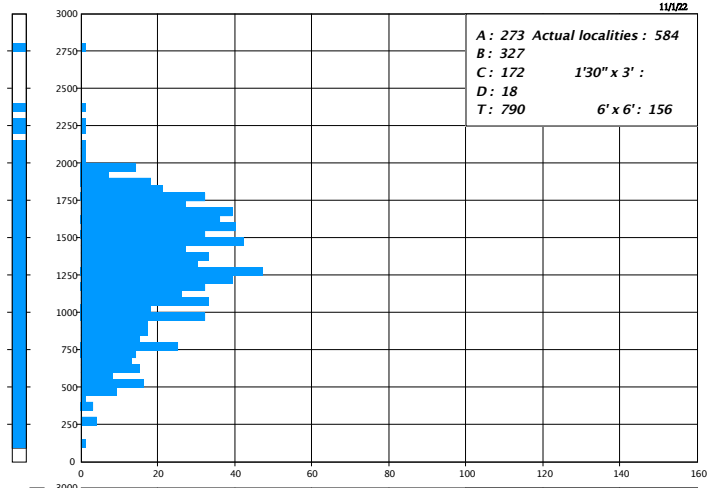
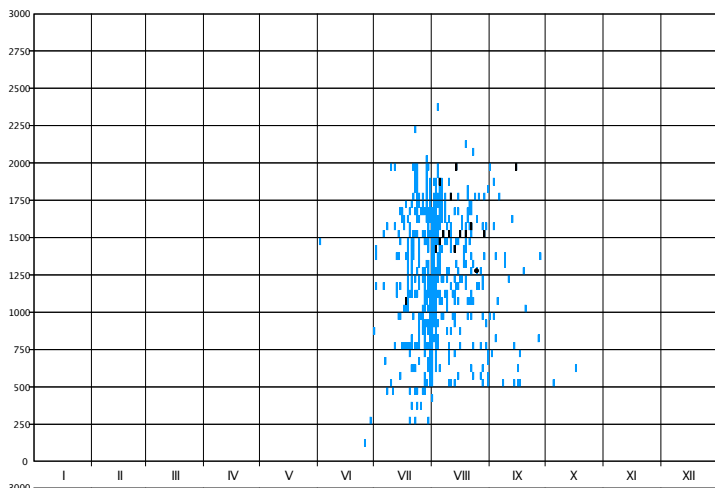


**LYCAENIDAE *Polyommatus nephohiptamenos***

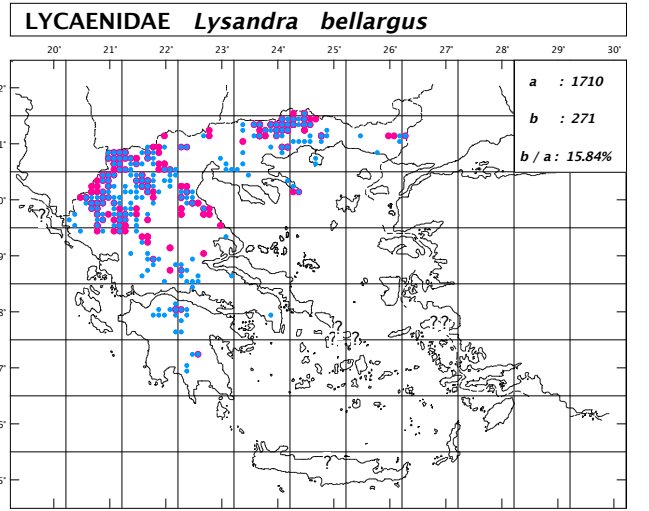
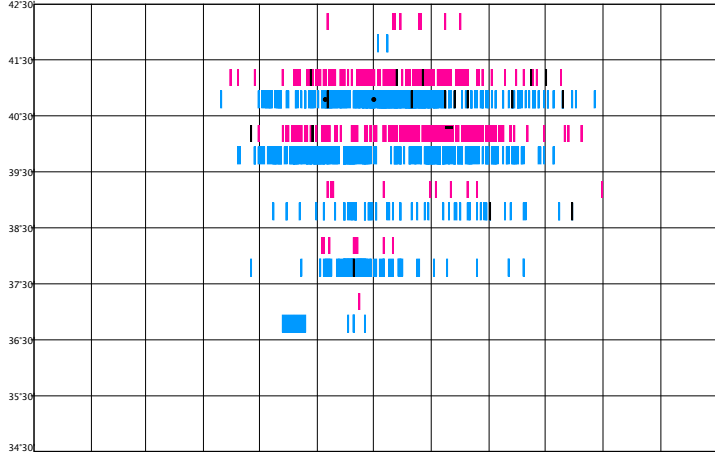
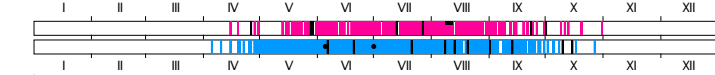
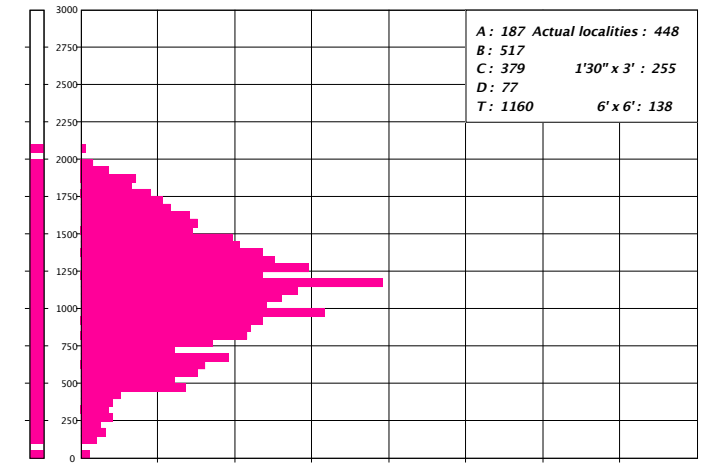
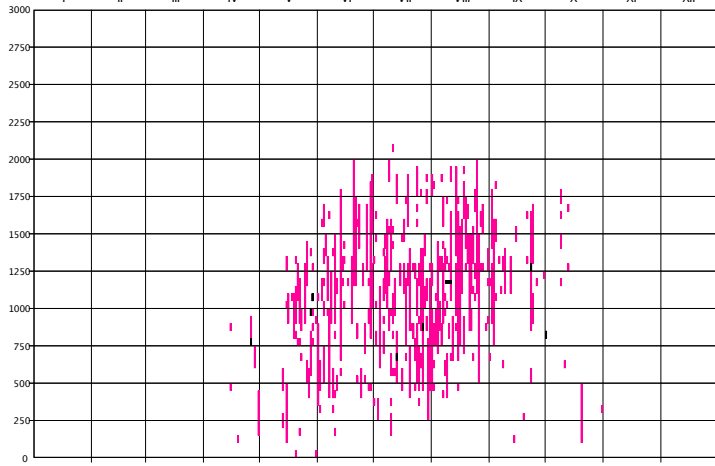
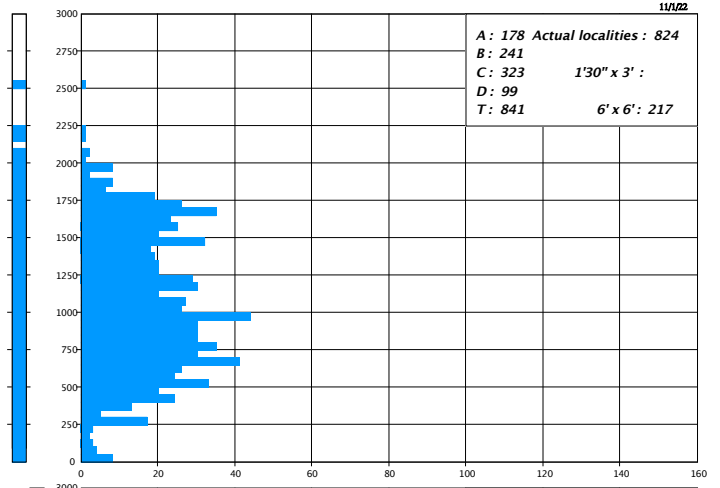
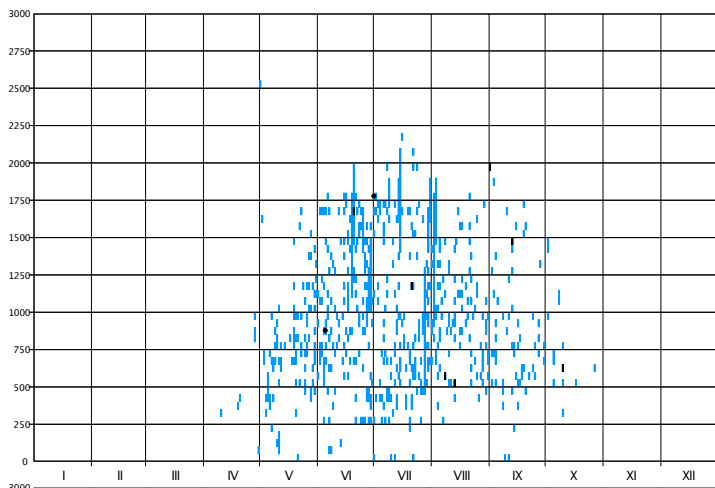






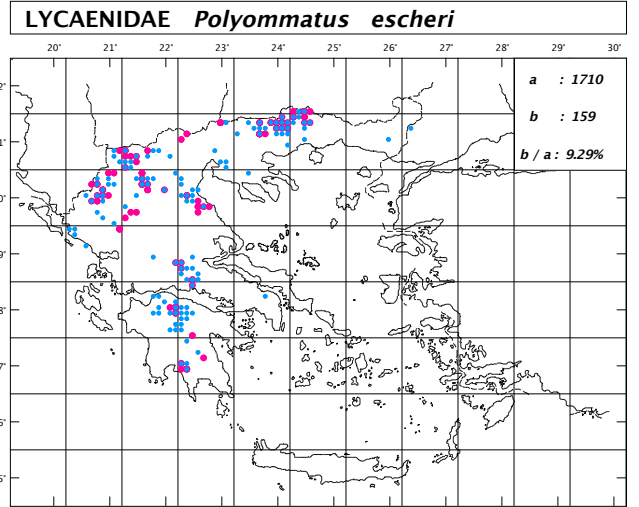
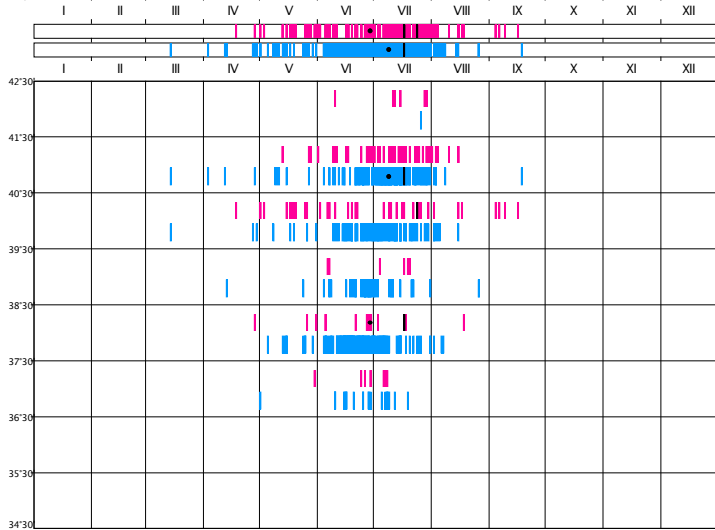
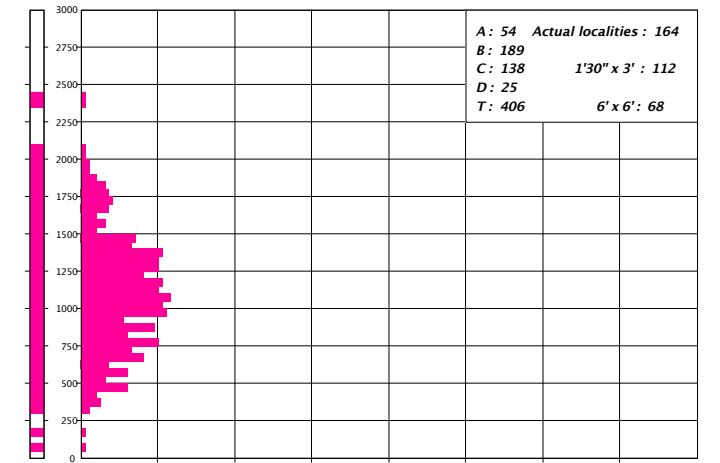
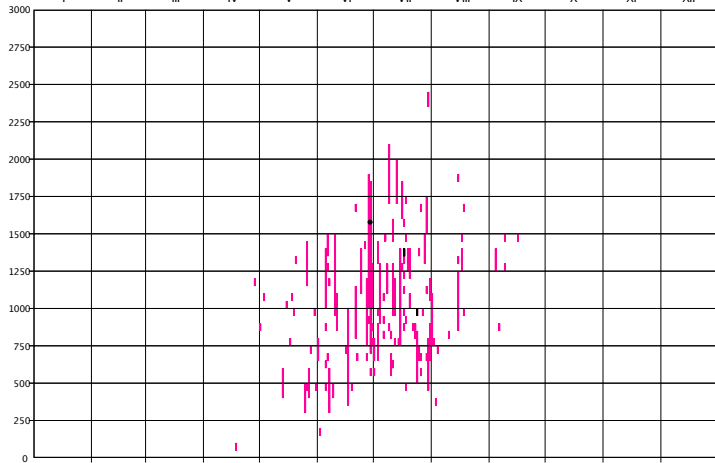
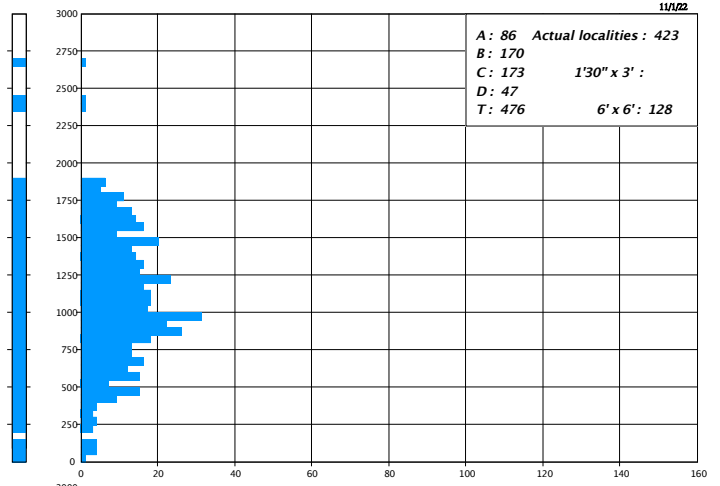
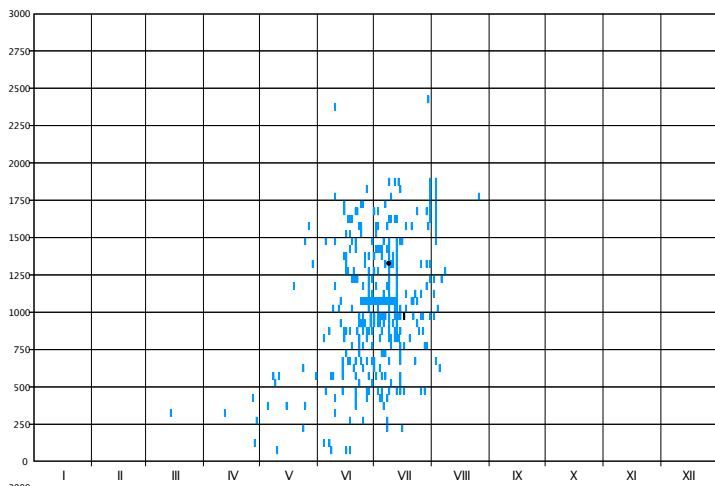


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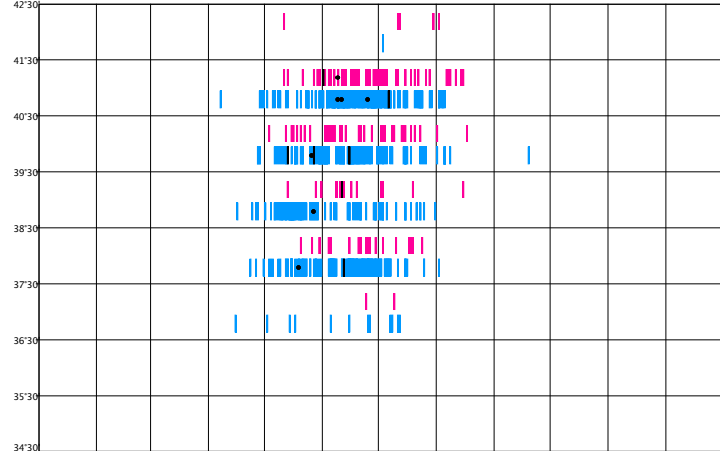
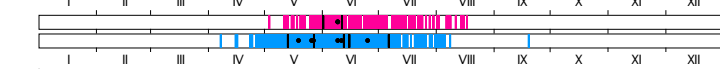
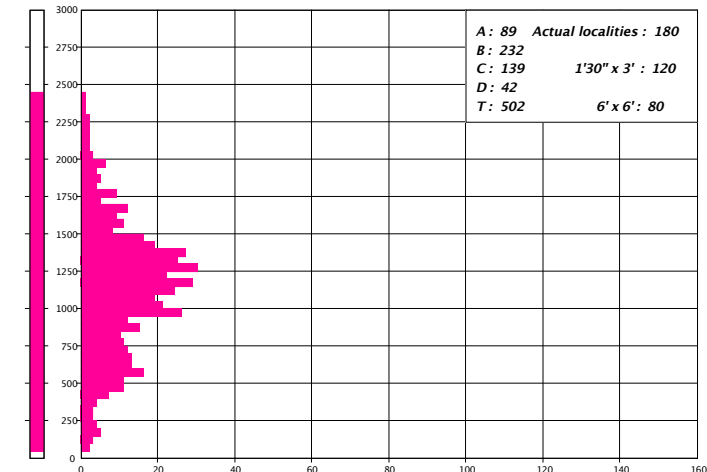
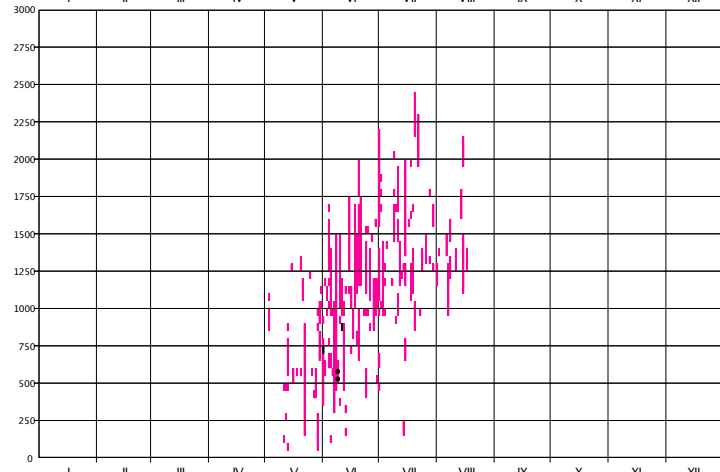
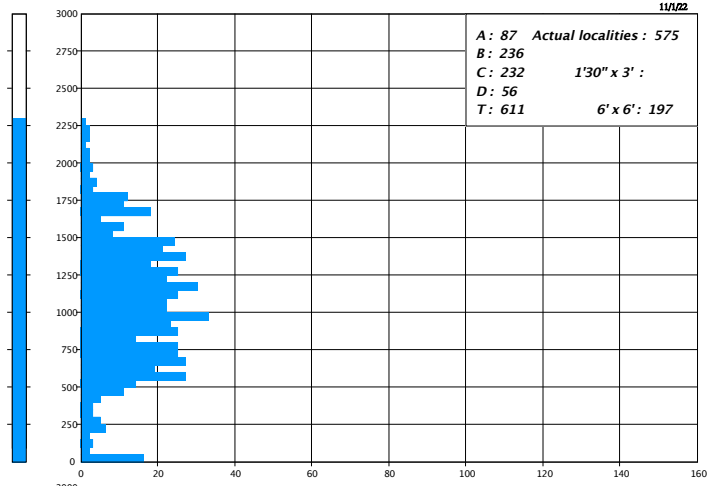
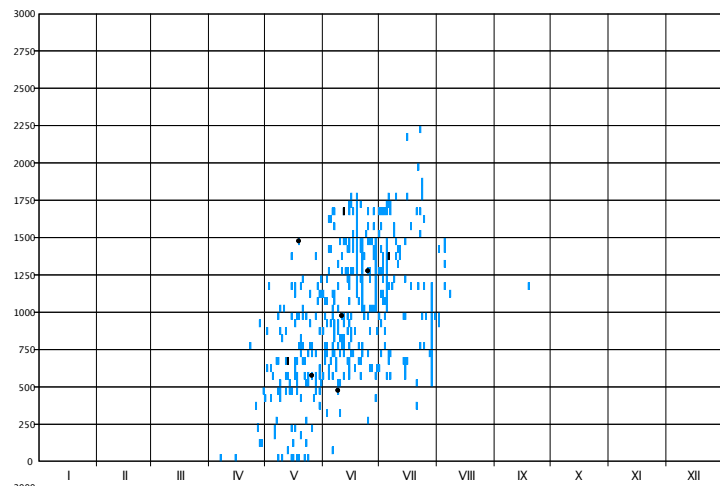


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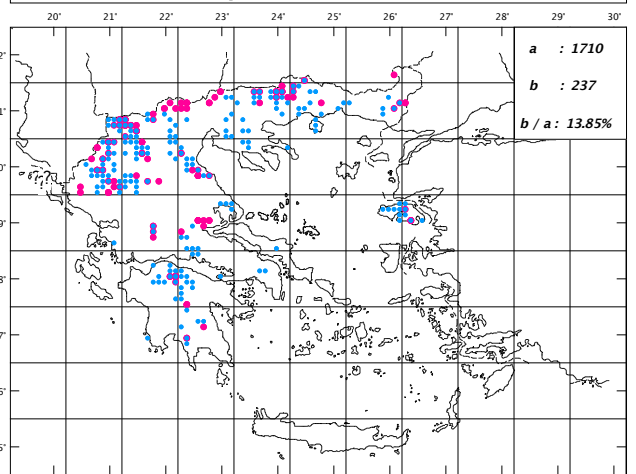


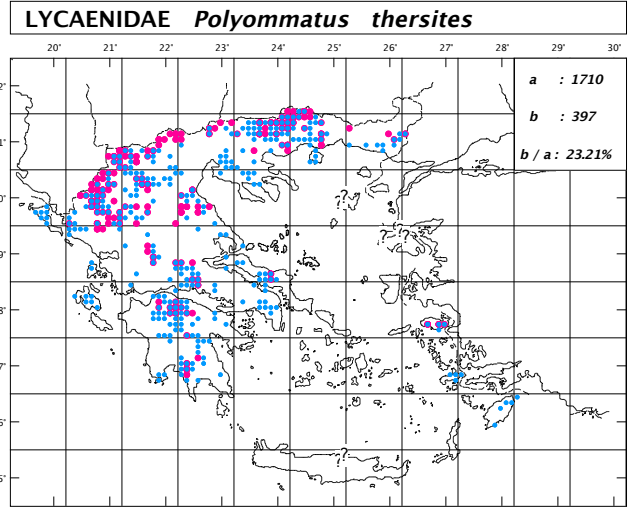
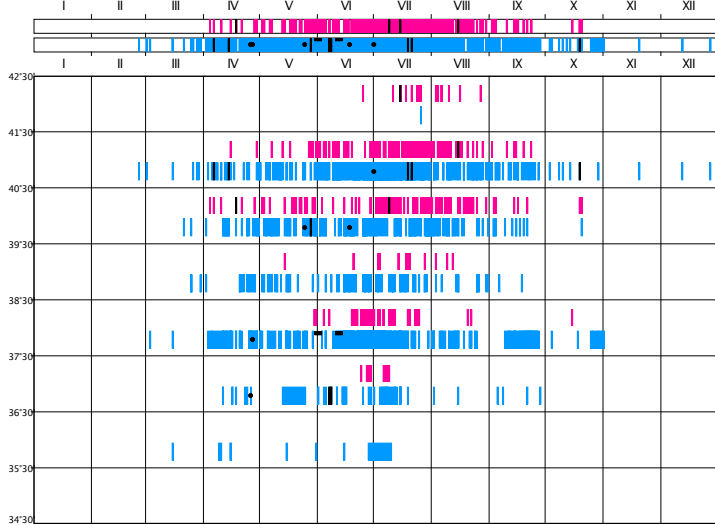
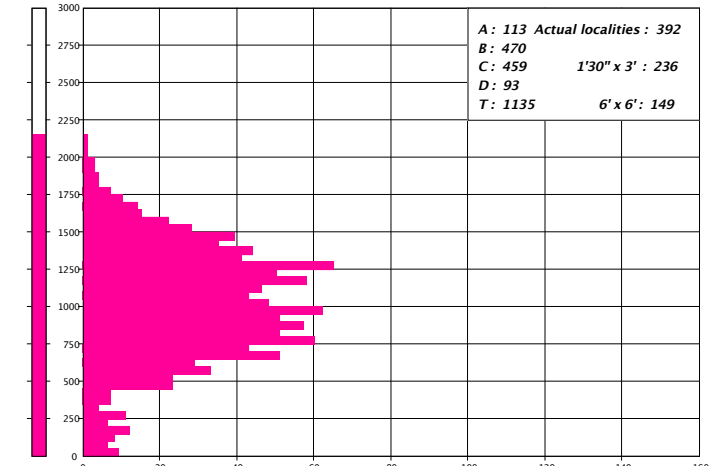
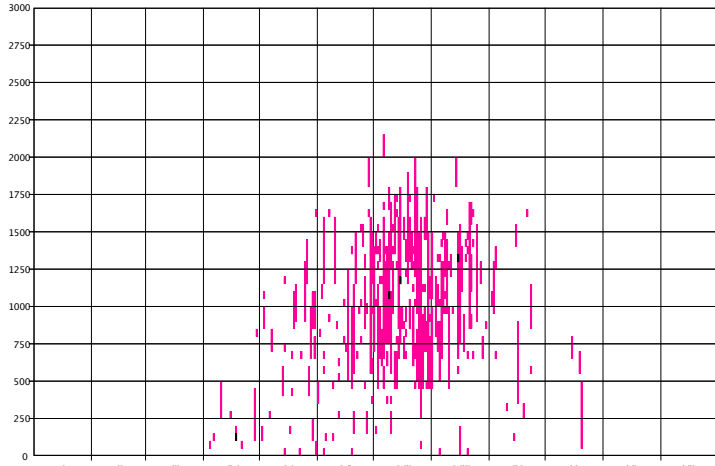
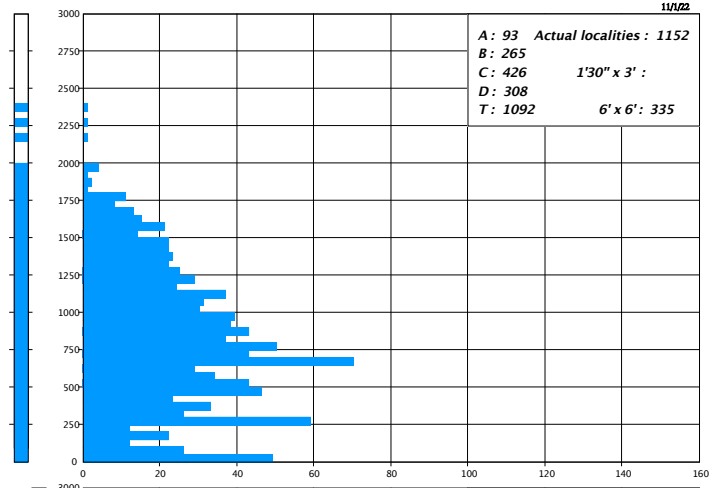
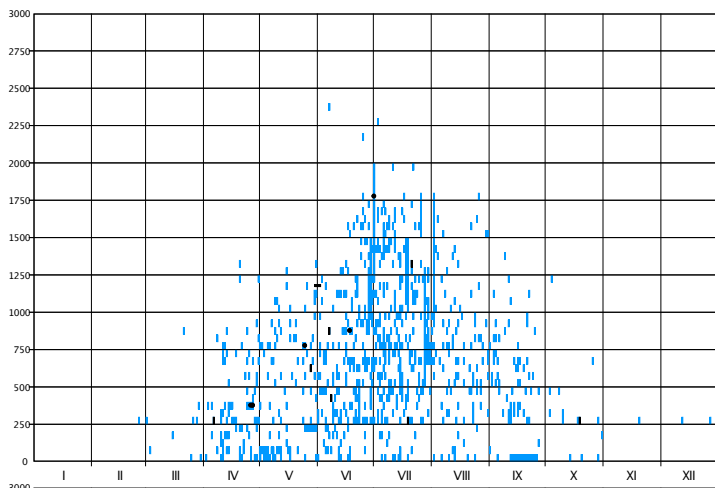


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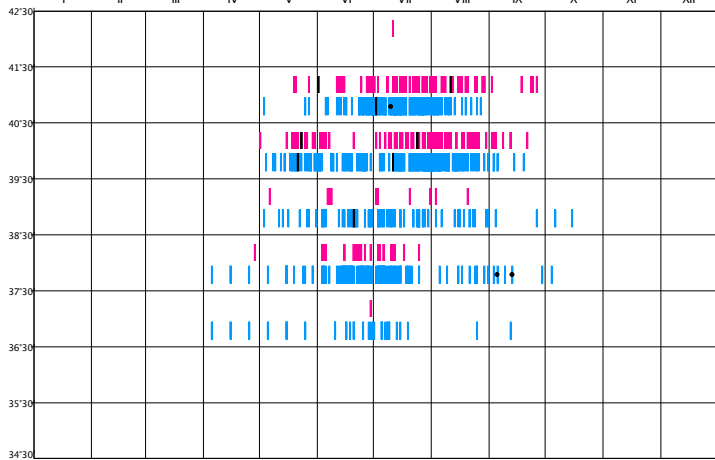
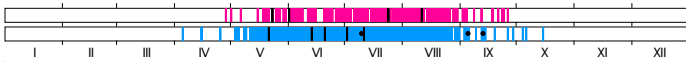
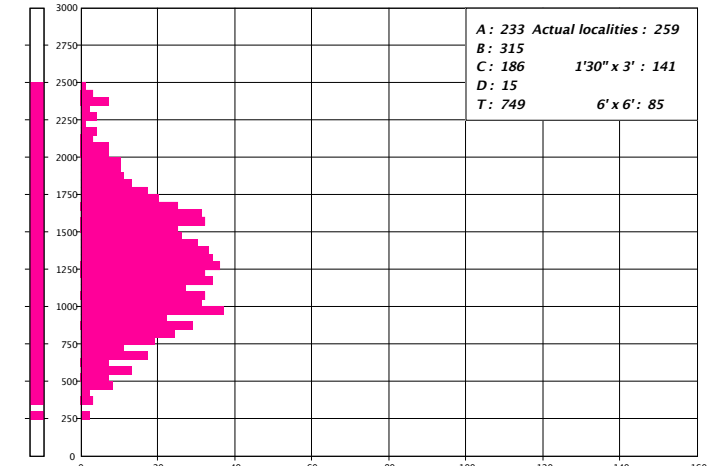
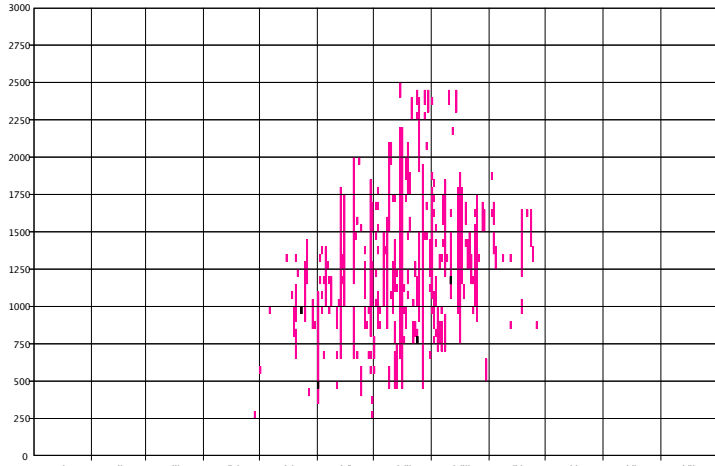
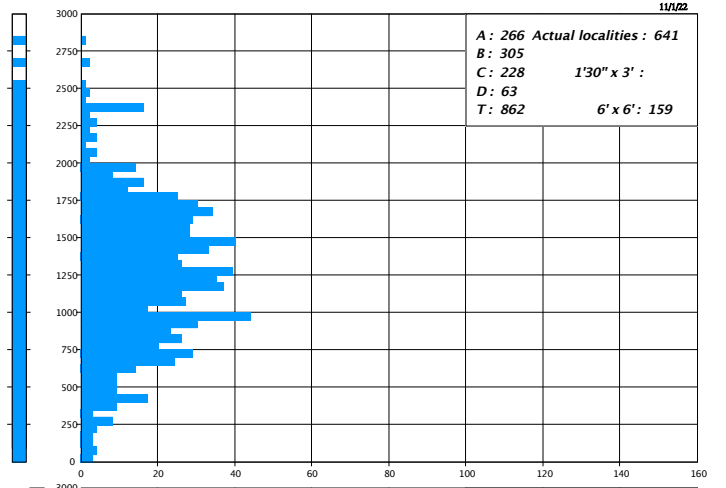
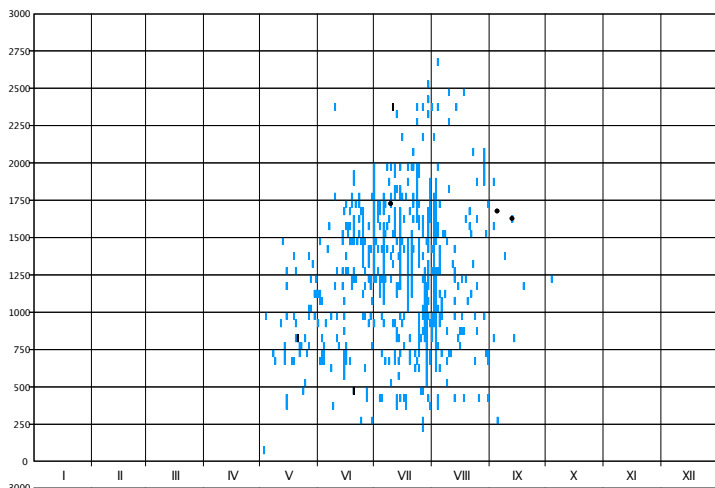


**LYCAENIDAE *Polyommatus amandus***

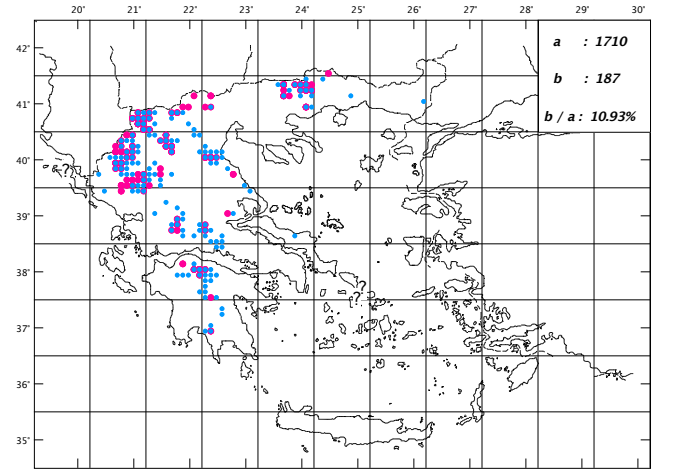


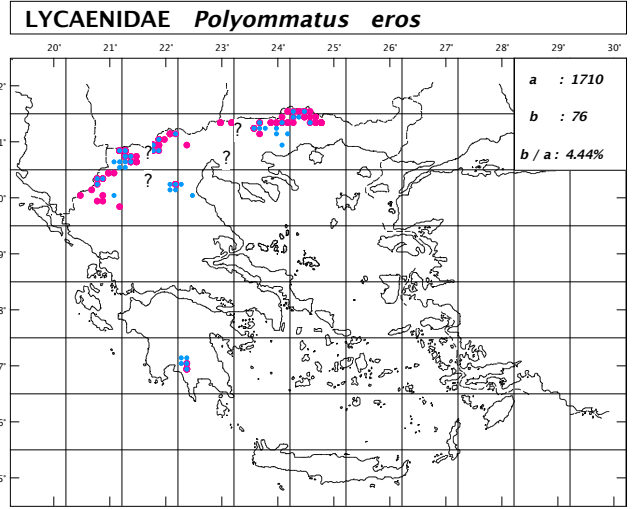
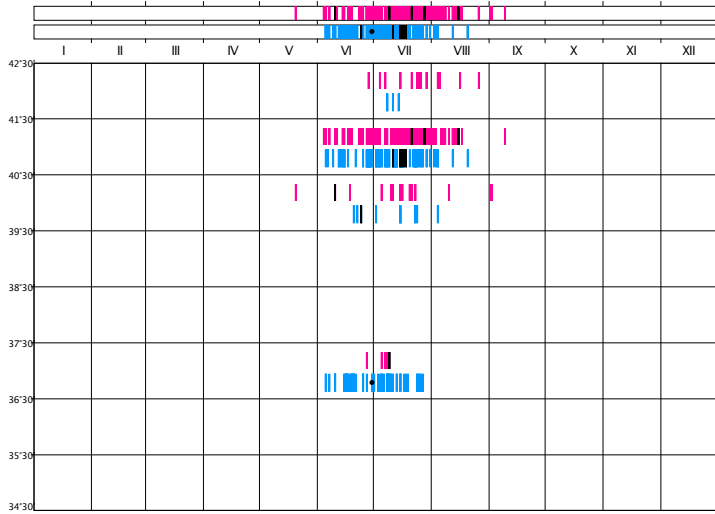
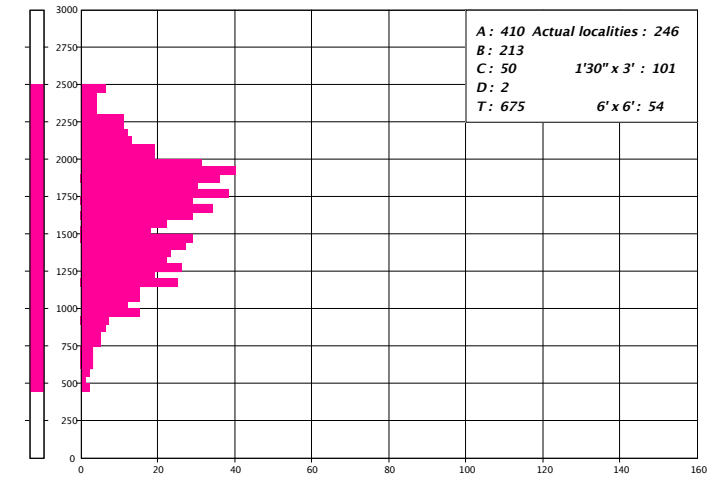
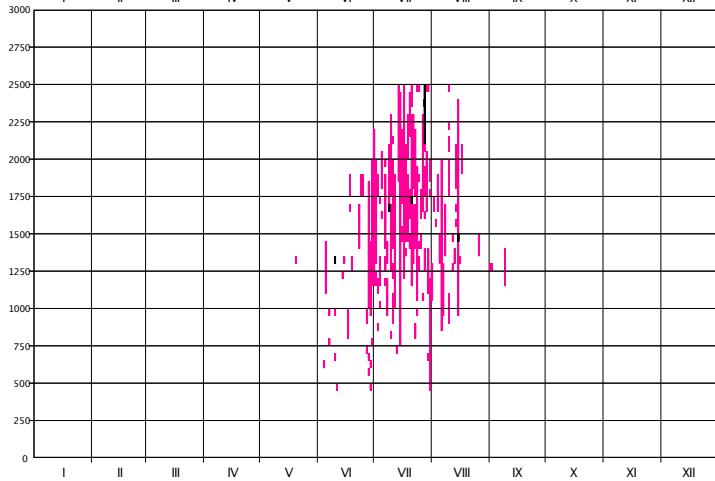
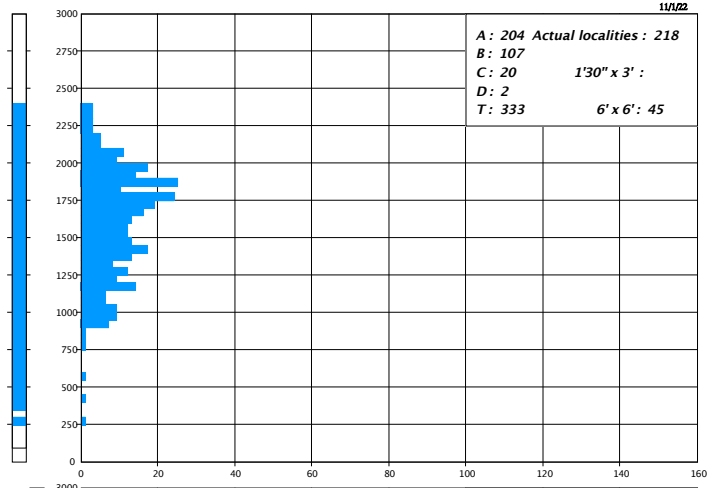
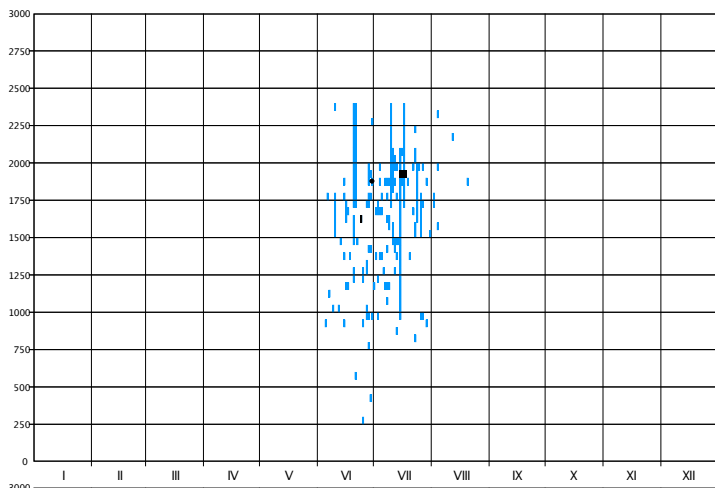


[https://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_escheri,\\_Polyommatus\\_thersites.html](https://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_escheri,_Polyommatus_thersites.html)

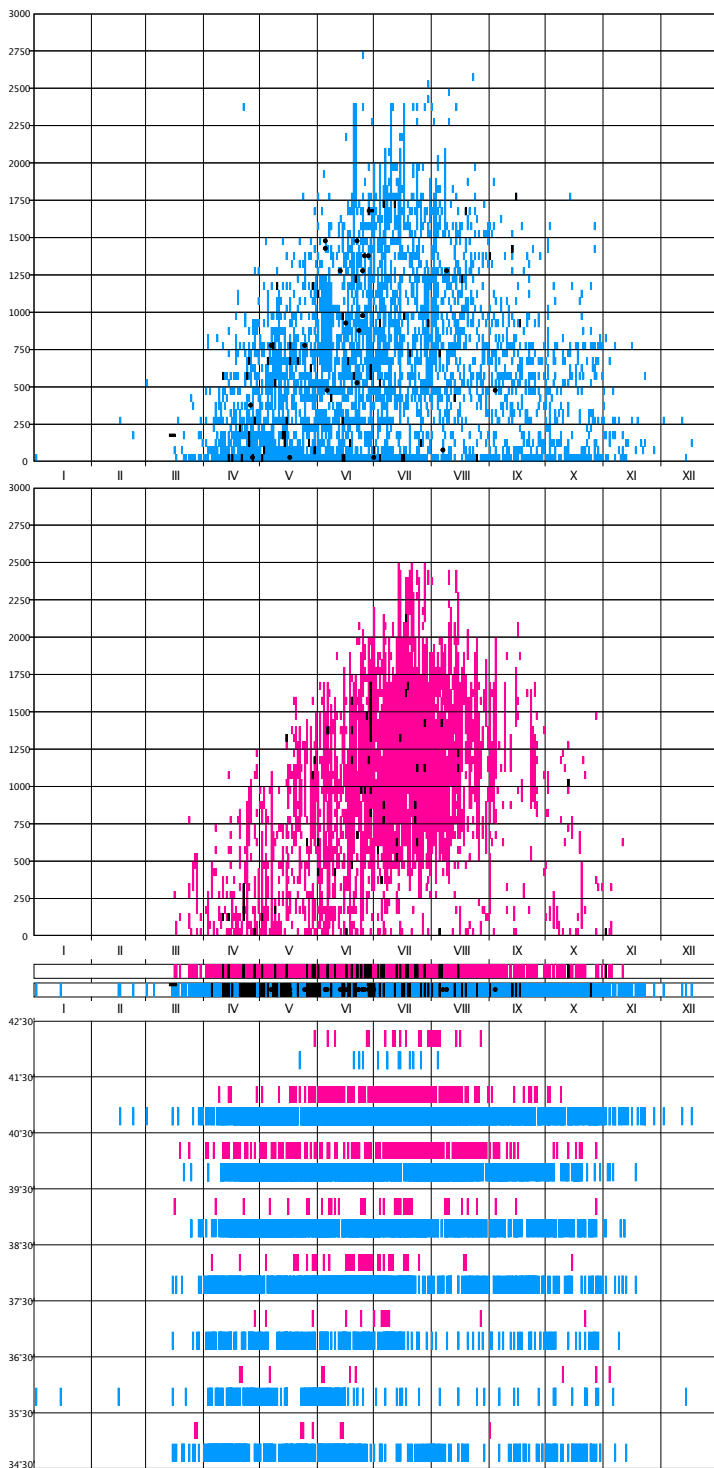


**LYCAENIDAE *Polyommatus dorylas***





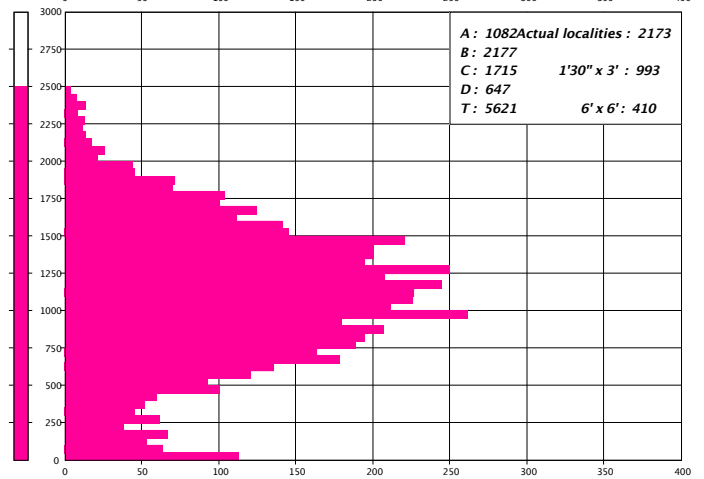
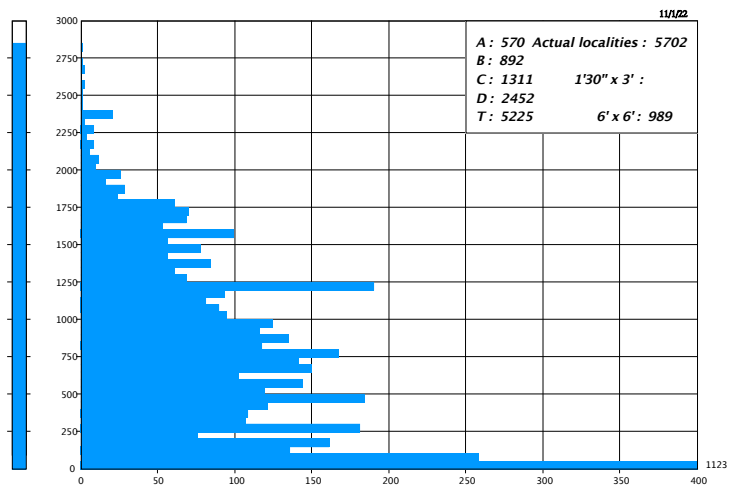
[https://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_icarus,\\_Polyommatus\\_eros.html](https://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_icarus,_Polyommatus_eros.html)



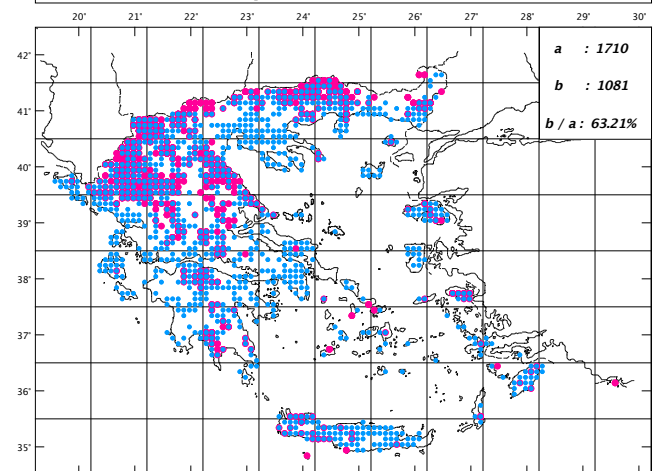
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All records of Polyommatus andronicus (in previous Maps) are included here in the Map for Polyommatus icarus.

Όλες οι καταγραφές για το Polyommatus andronicus των προηγούμενων Χαρτών έχουν συμπεριληφθεί εδώ στον Χάρτη για το Polyommatus icarus



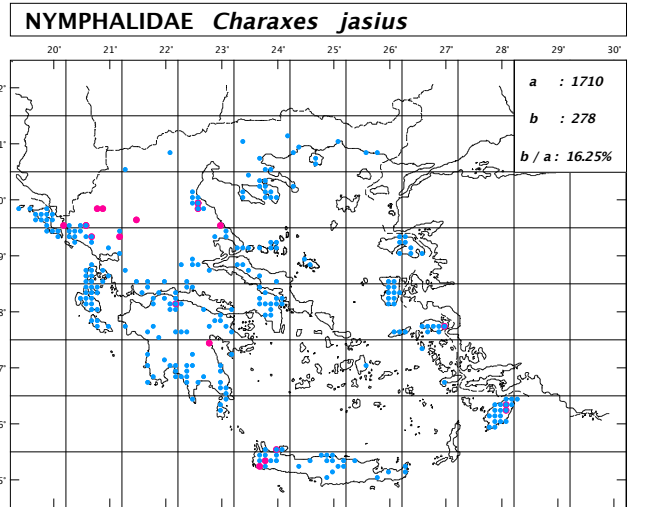
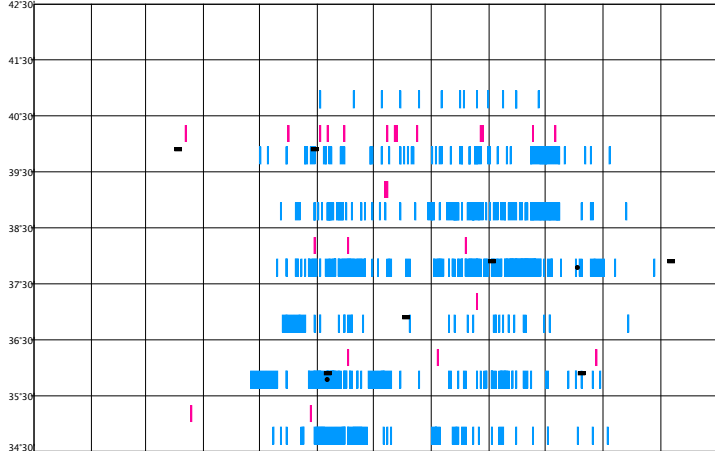
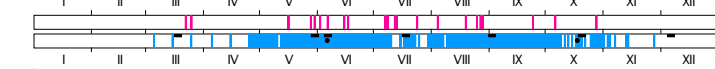
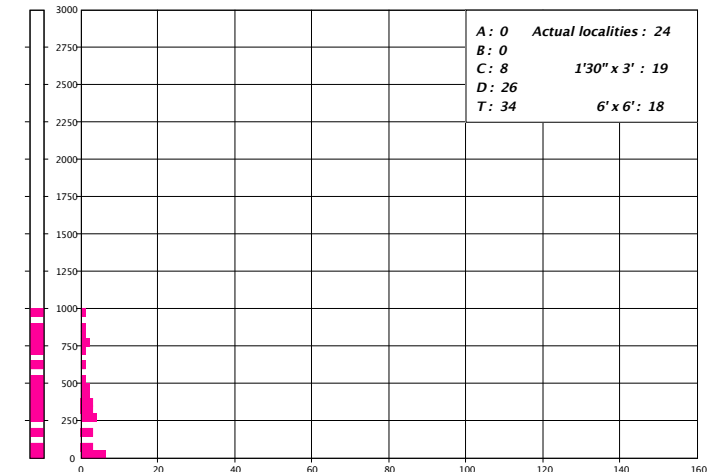
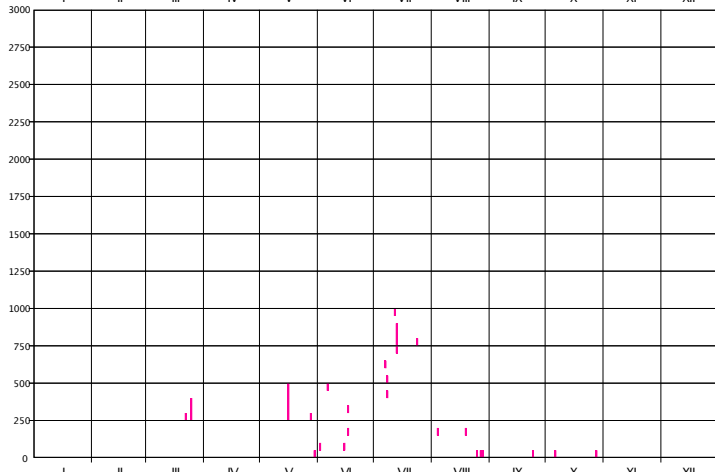
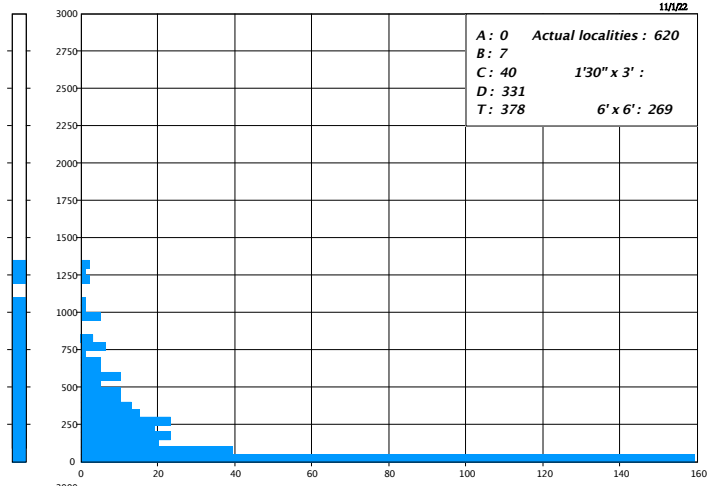
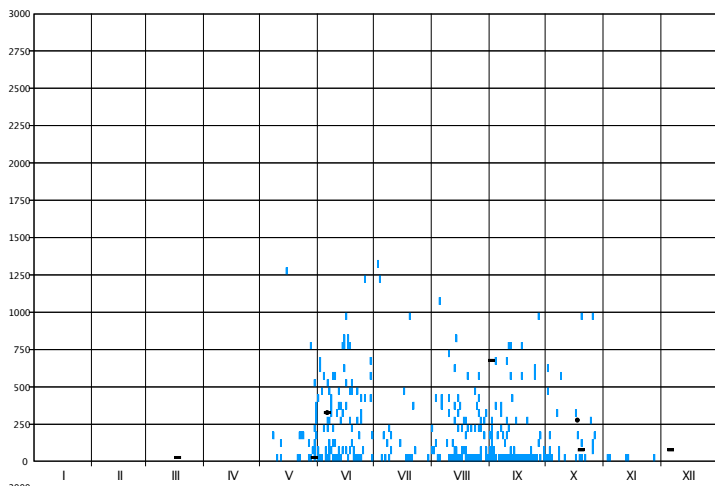
**LYCAENIDAE *Polyommatus icarus***



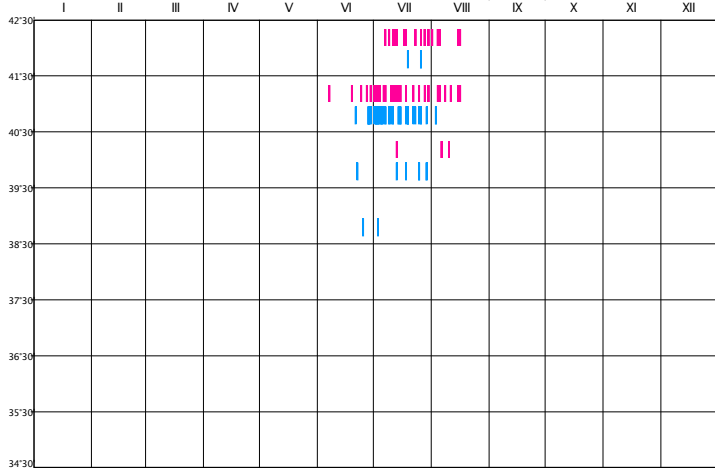
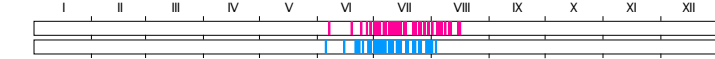
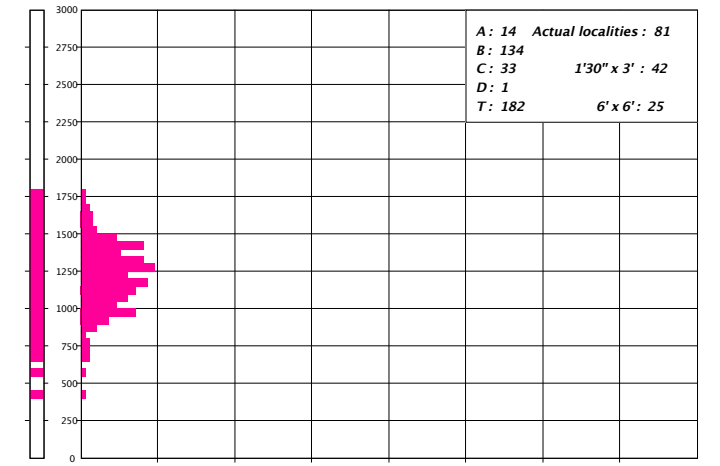
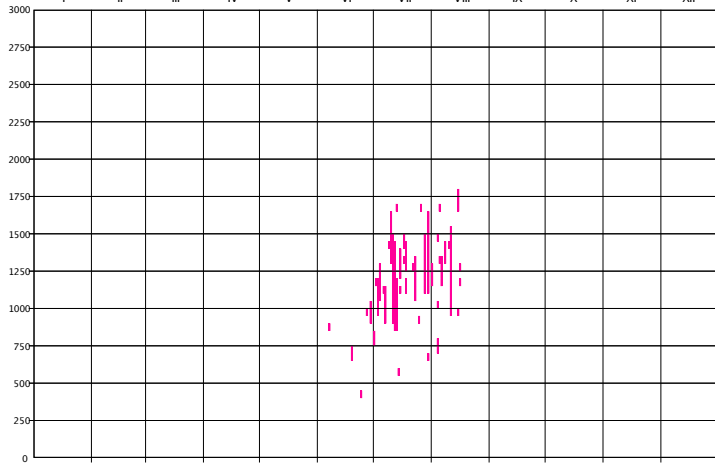
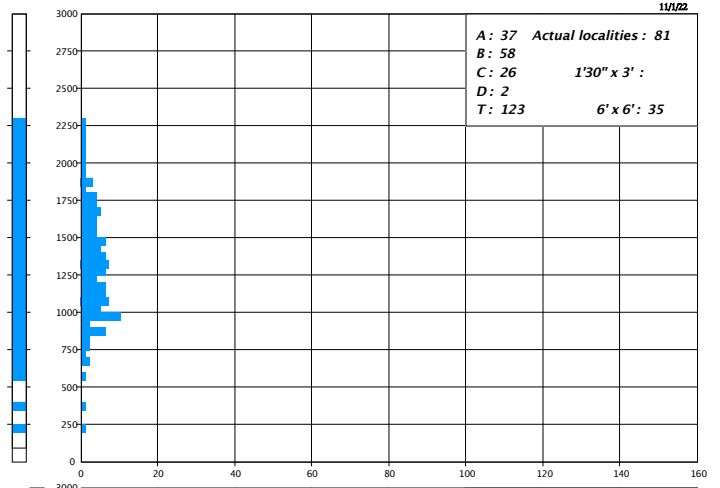
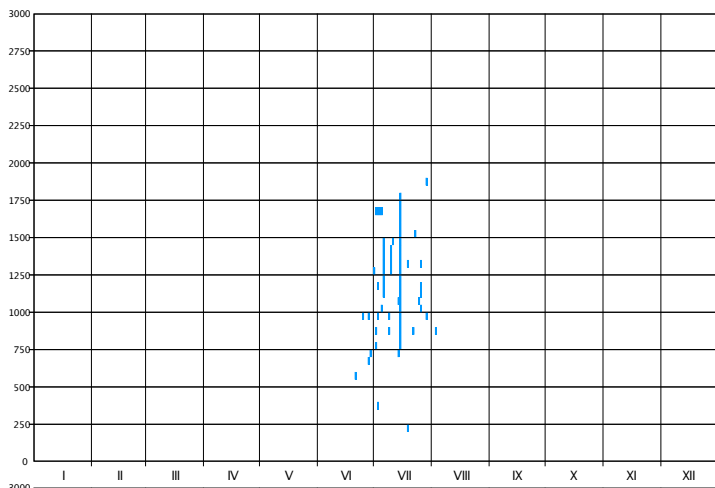
[https://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_icarus,\\_Polyommatus\\_eros.html](https://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_icarus,_Polyommatus_eros.html)

All records of *Polyommatus andronicus* (in previous Maps) are included here in the Map for *Polyommatus icarus*.

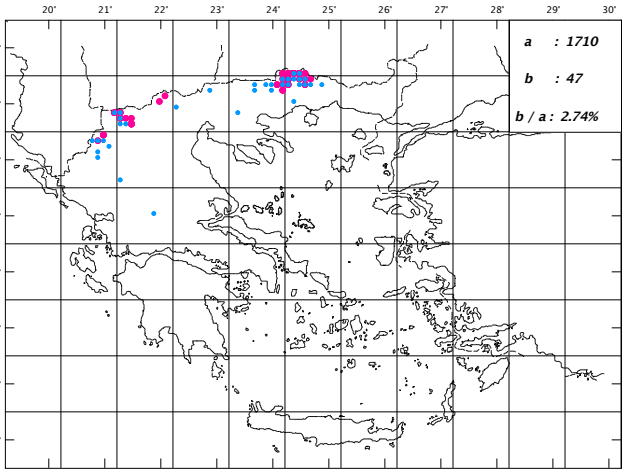
Όλες οι καταγραφές για το *Polyommatus andronicus* των προηγούμενων Χαρτών έχουν συμπεριληφθεί εδώ στον Χάρτη για το *Polyommatus icarus*

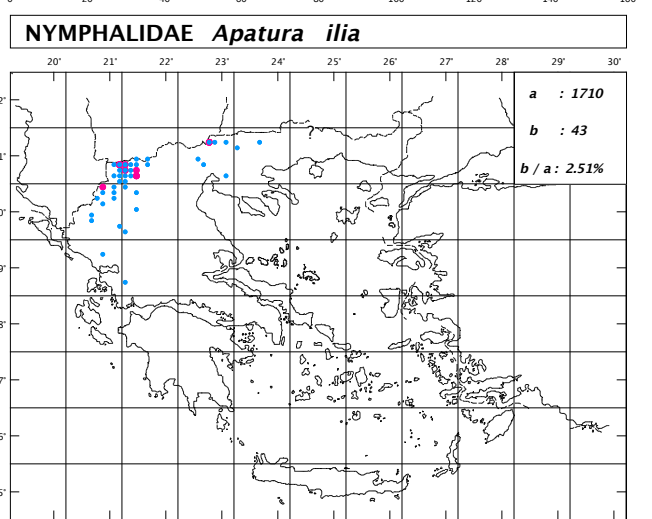
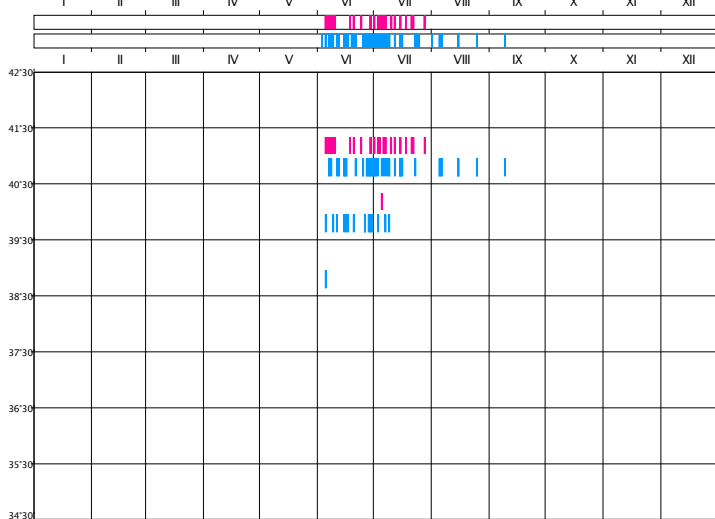
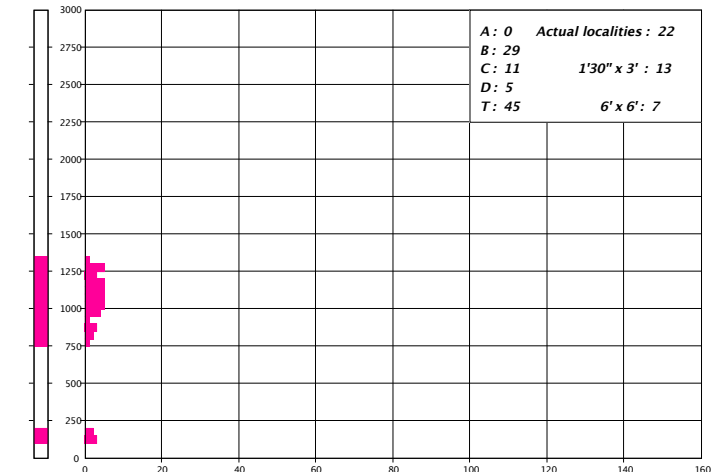
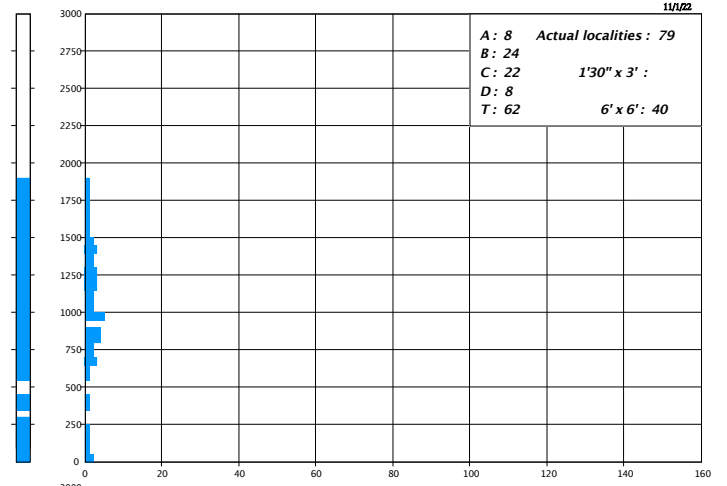
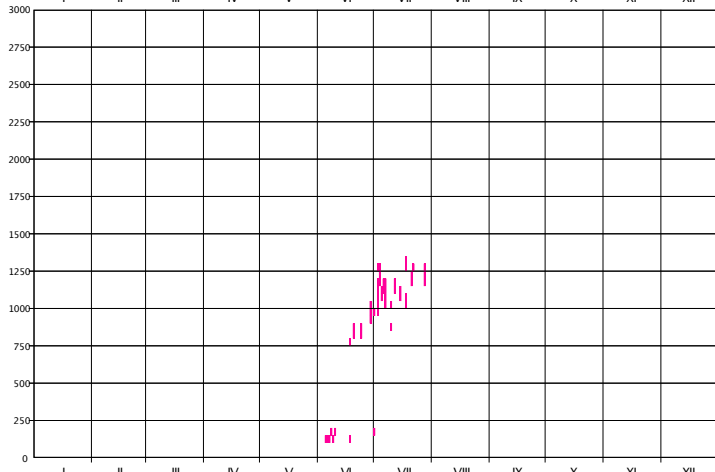
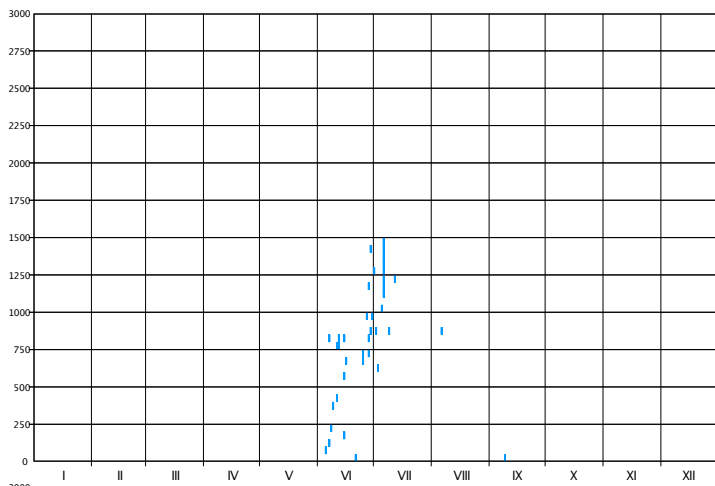


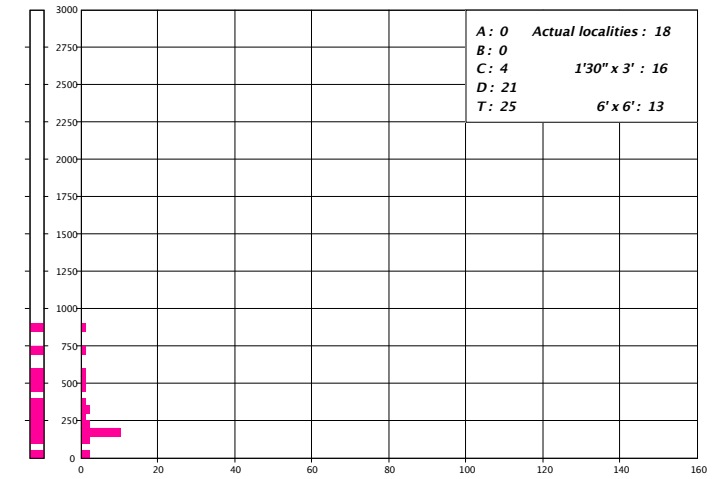
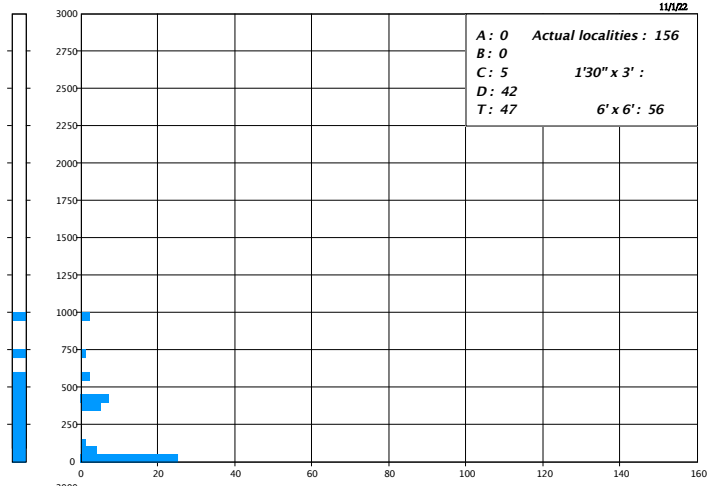
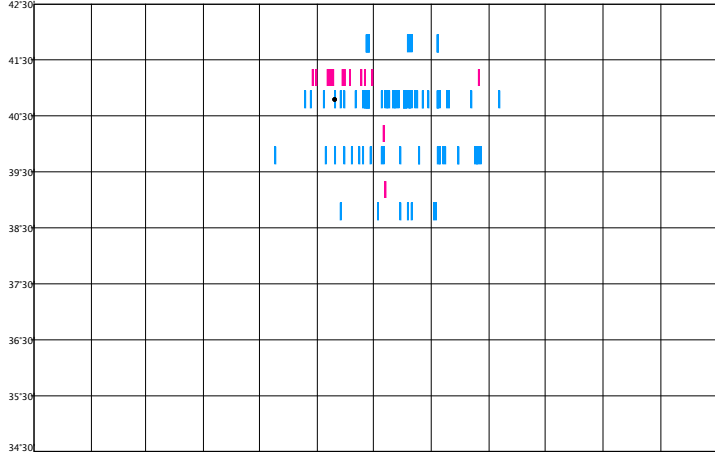
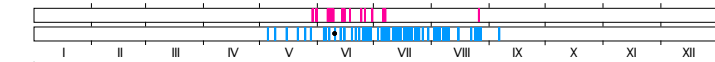
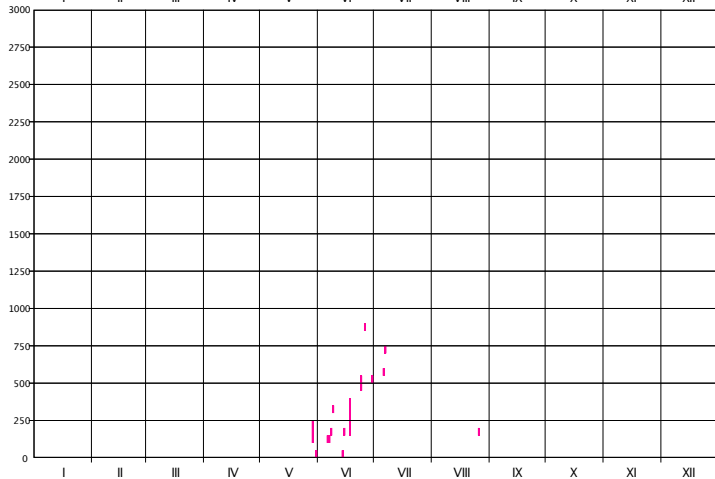
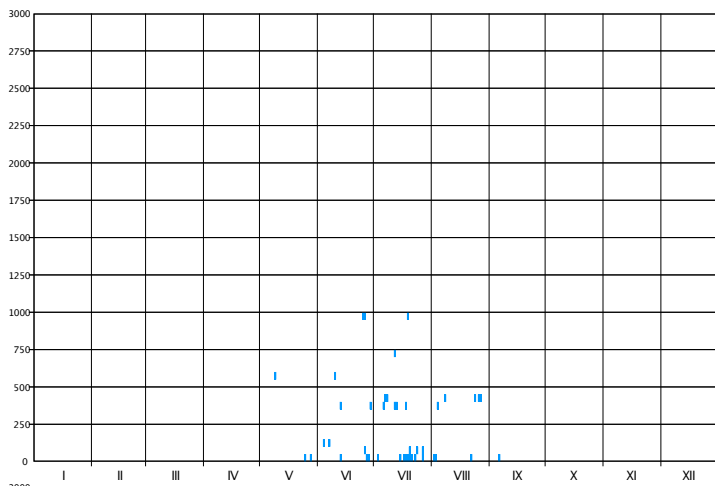




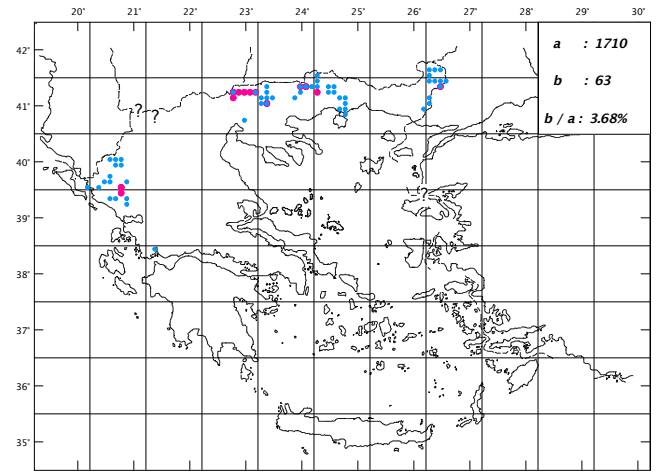
**NYMPHALIDAE *Apatura iris***

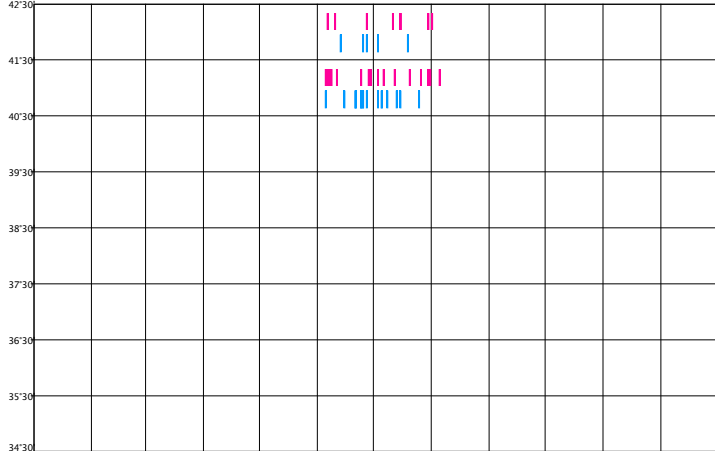
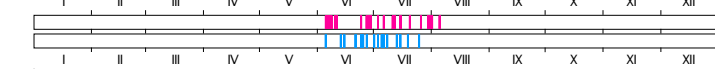
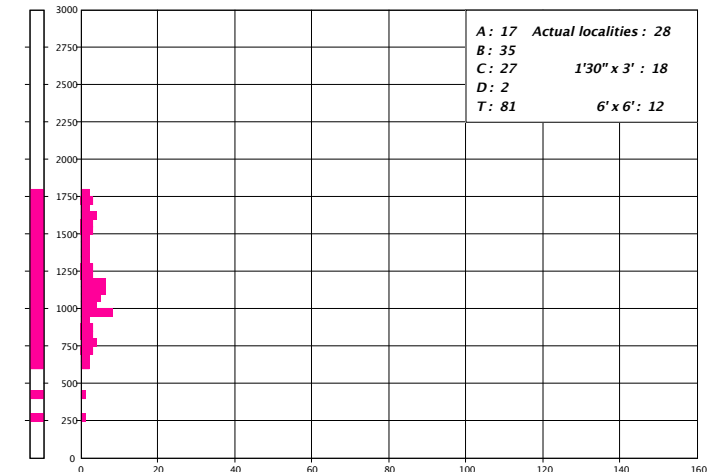
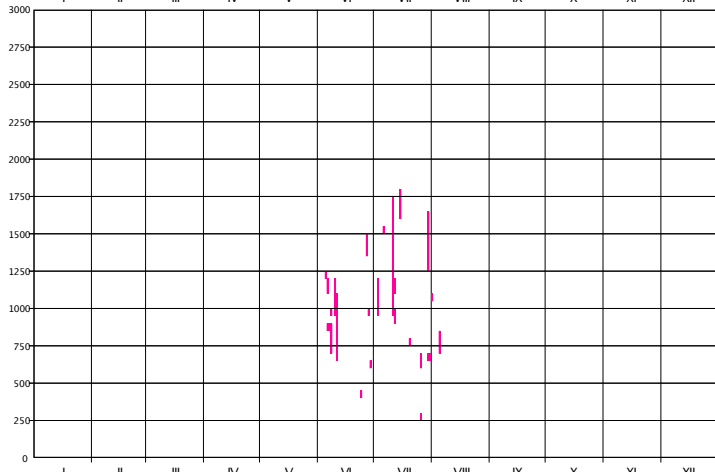
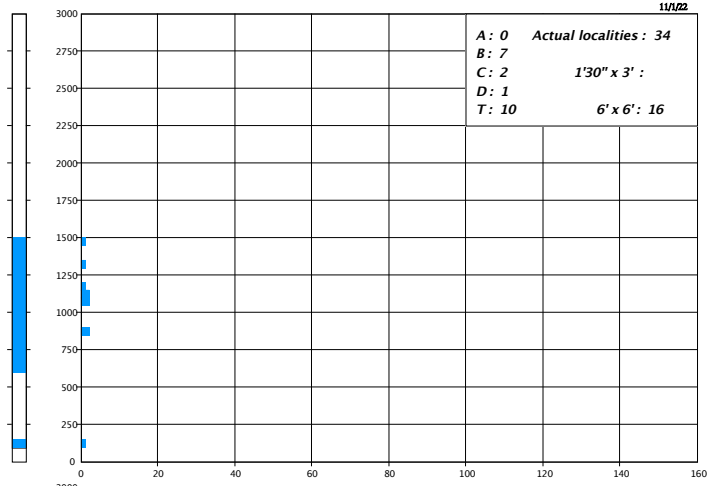
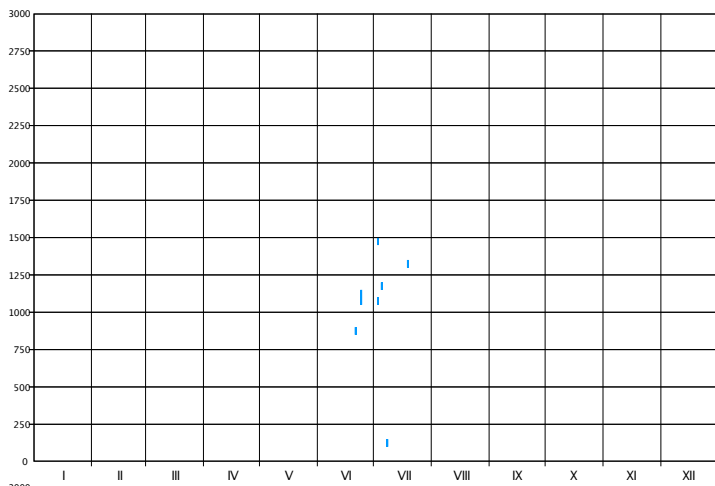




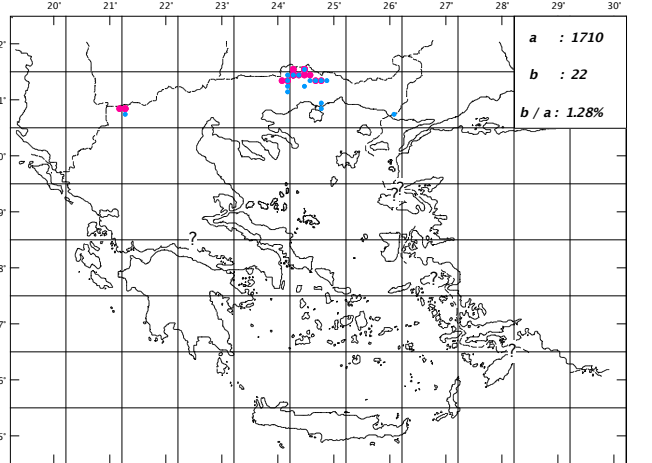


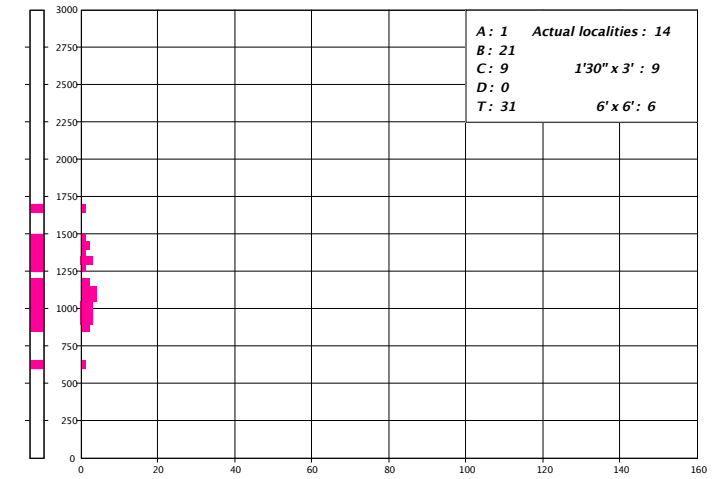
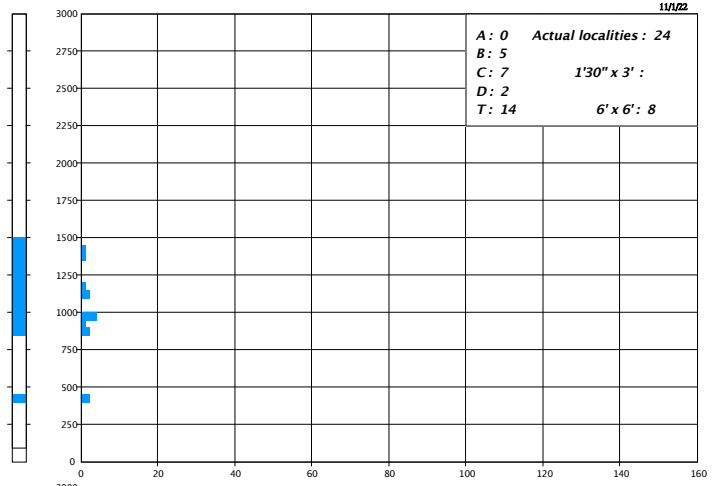
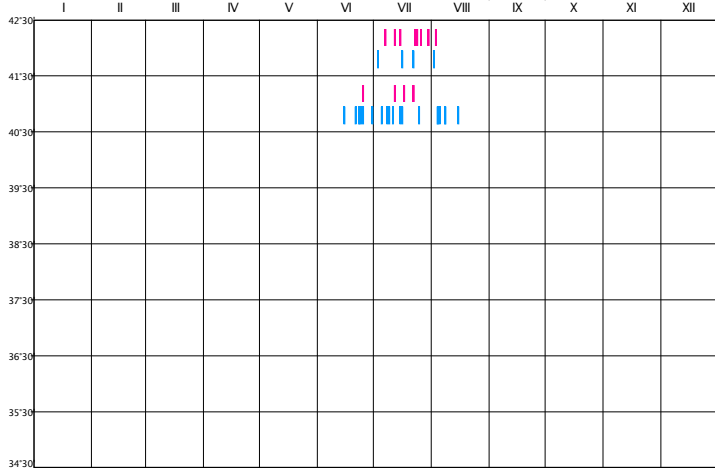
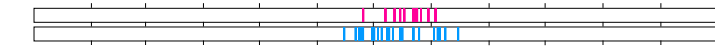
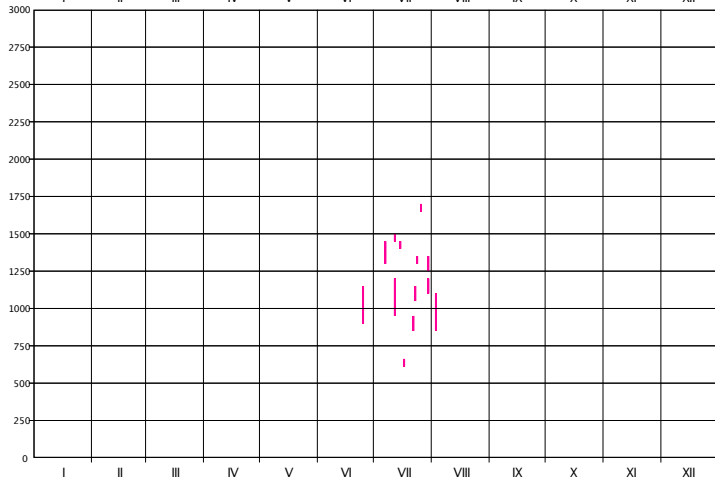
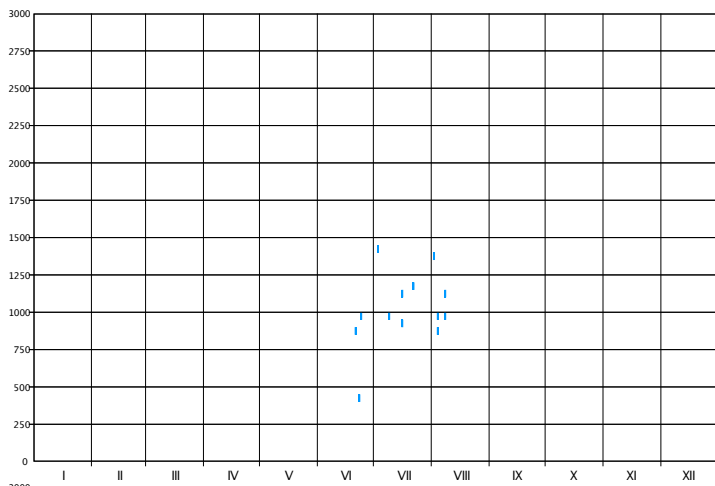
**NYMPHALIDAE *Apatura metis***



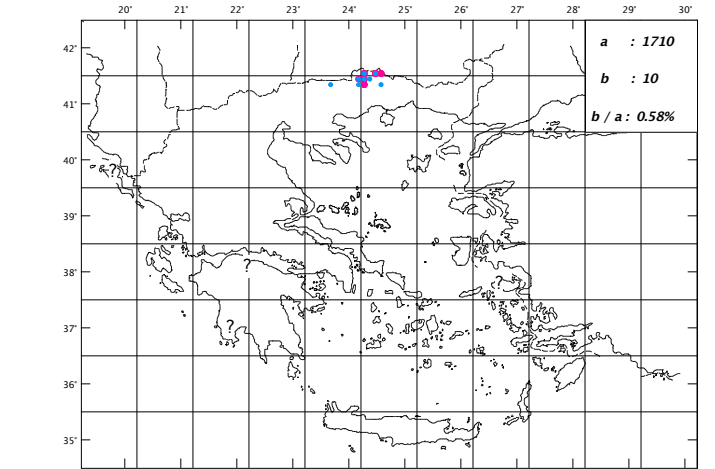


**NYMPHALIDAE *Limenitis populi***





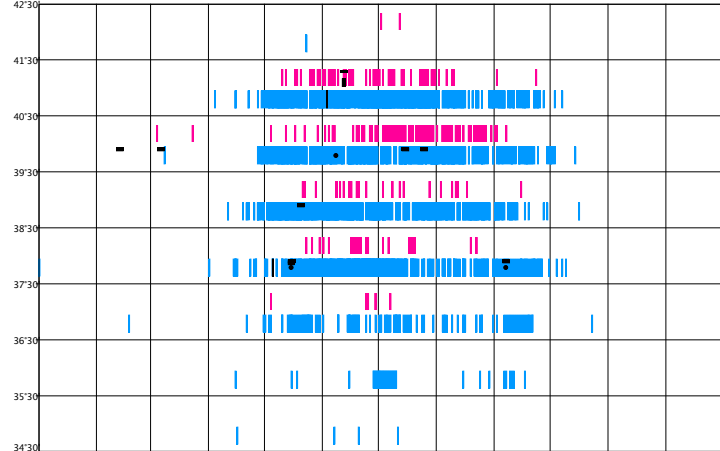
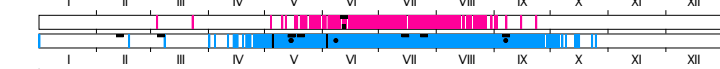
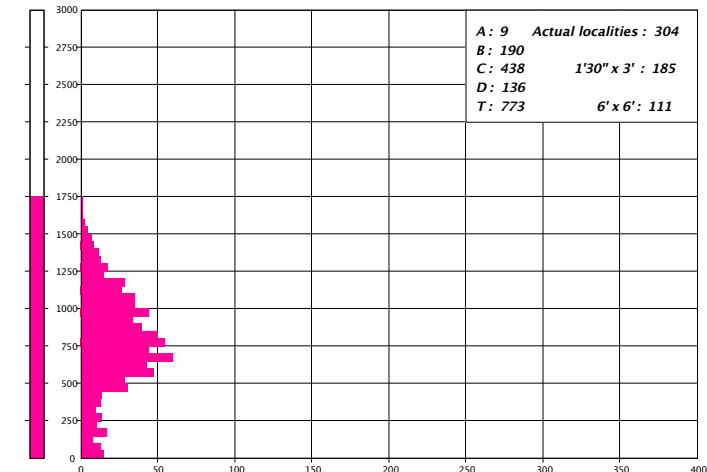
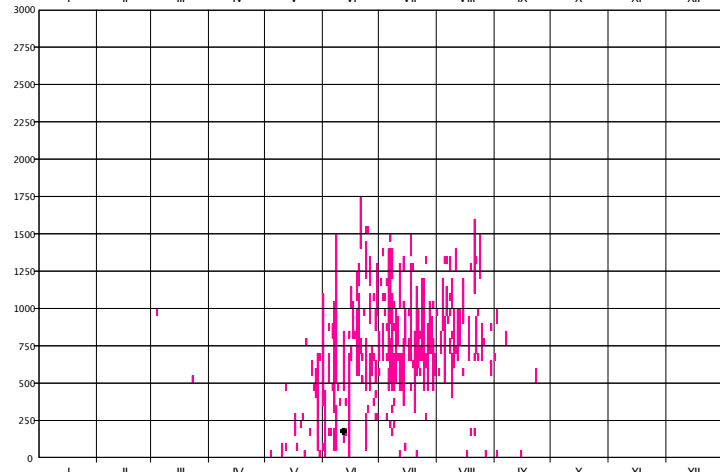
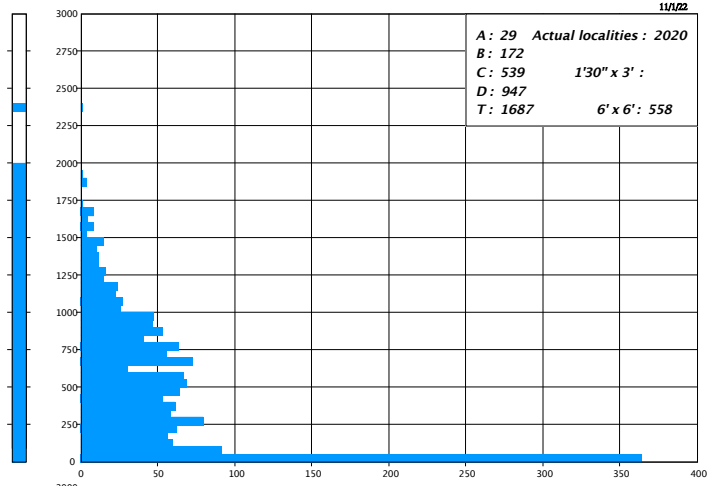
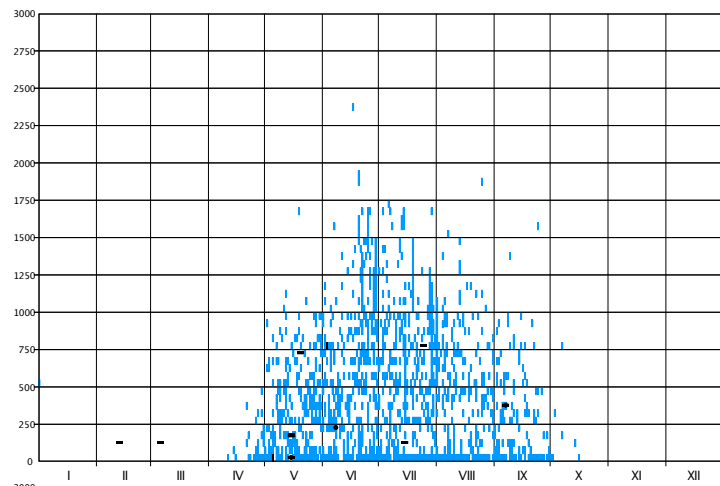
**NYMPHALIDAE *Limenitis camilla***



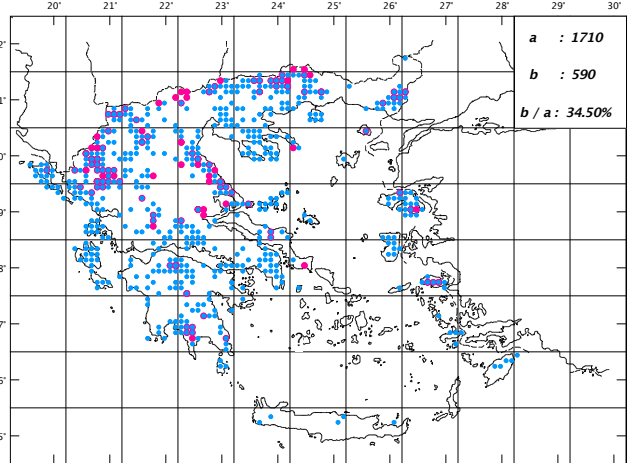
A : 0 Actual localities : 24  
 B : 5  
 C : 7 1'30" x 3' :  
 D : 2  
 T : 14 6' x 6' : 8

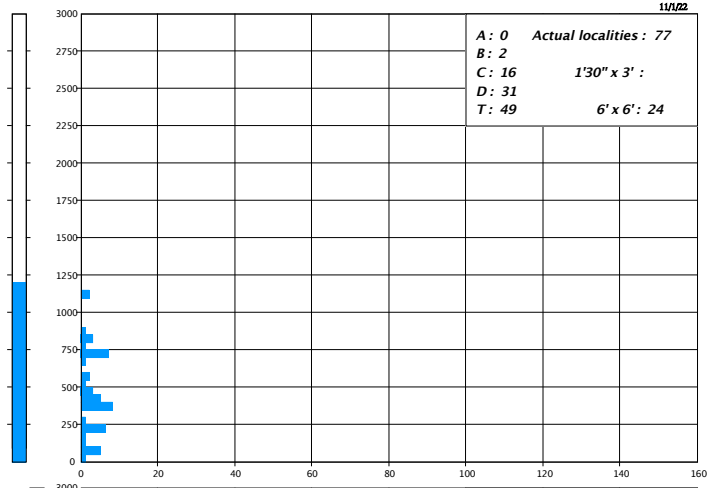
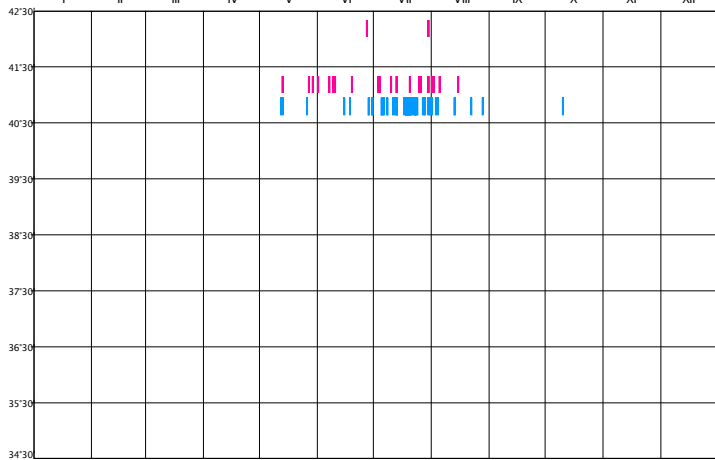
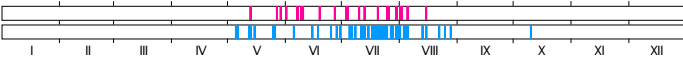
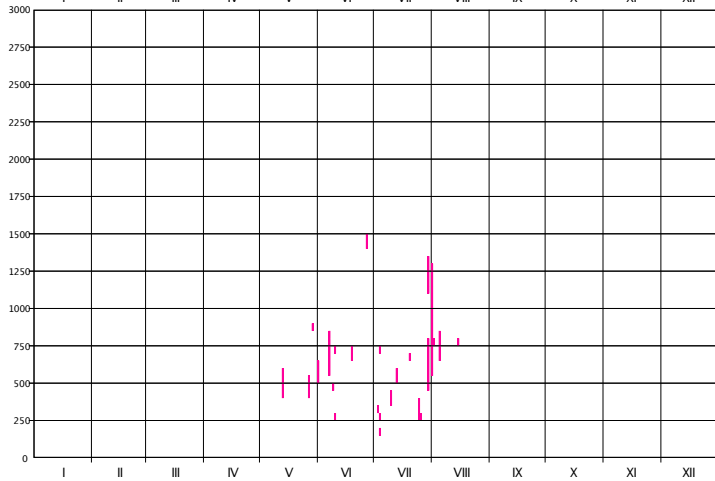
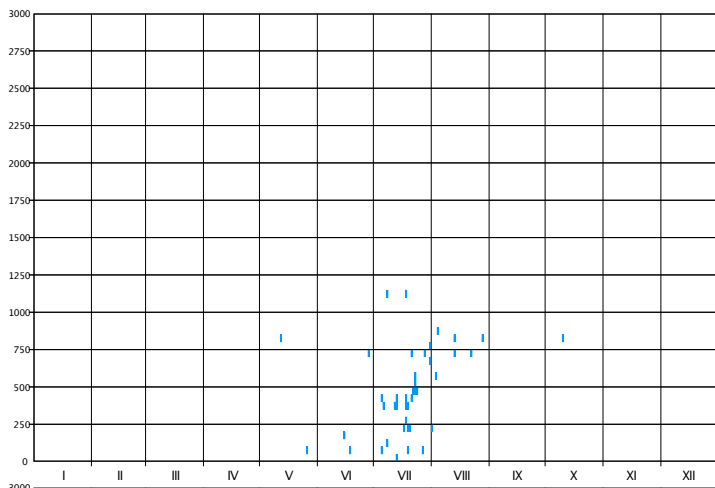
A : 1 Actual localities : 14  
 B : 21  
 C : 9 1'30" x 3' : 9  
 D : 0  
 T : 31 6' x 6' : 6

a : 1710  
 b : 10  
 b / a : 0.58%

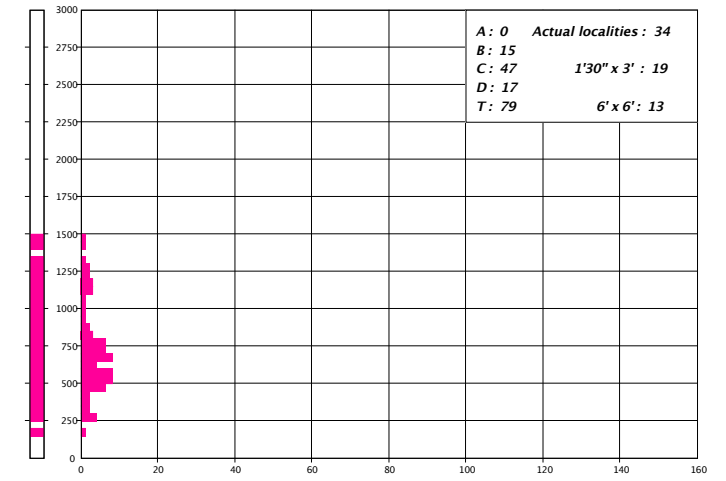


**NYMPHALIDAE *Limenitis reducta***



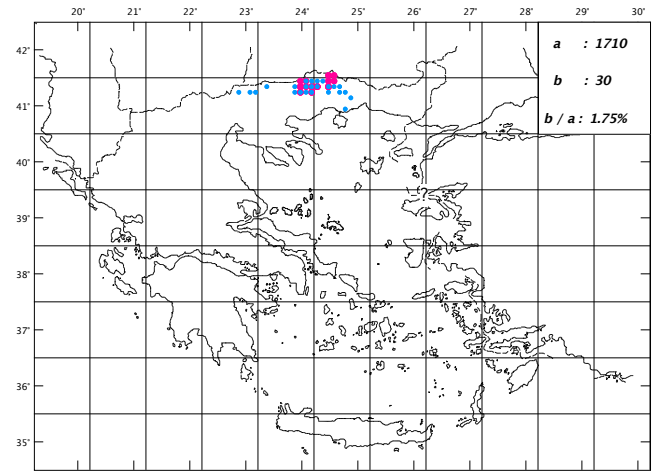


11/22  
**A : 0** Actual localities : 77  
**B : 2**  
**C : 16** 1'30" x 3' :  
**D : 31**  
**T : 49** 6' x 6' : 24

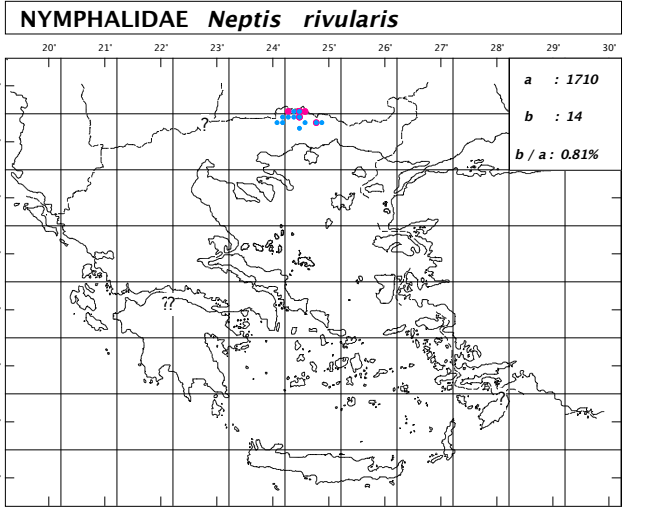
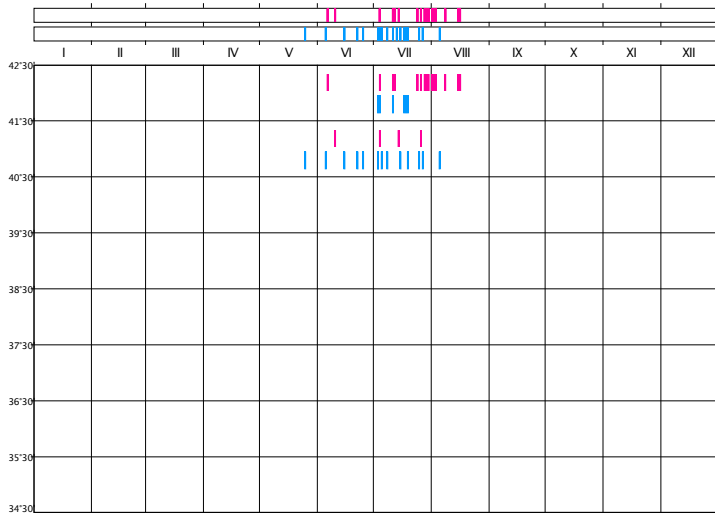
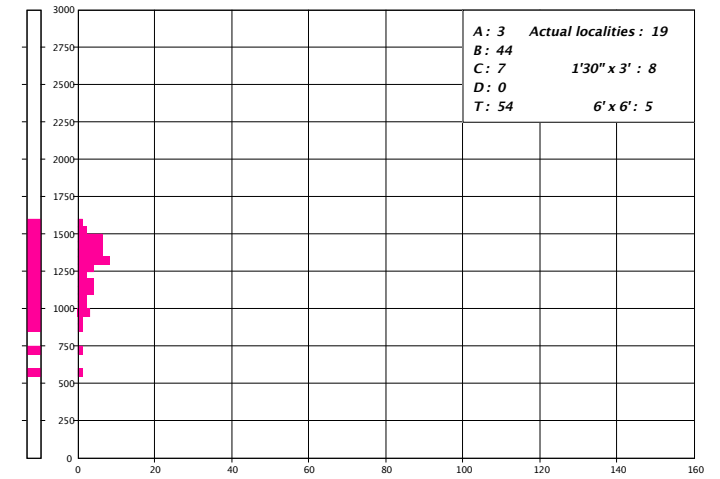
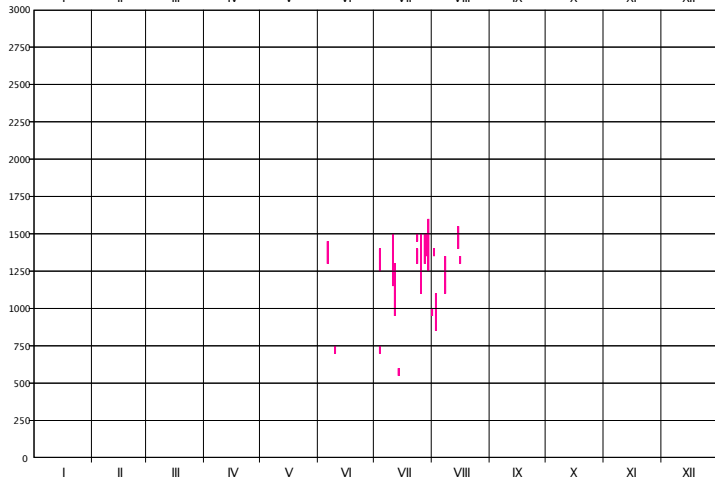
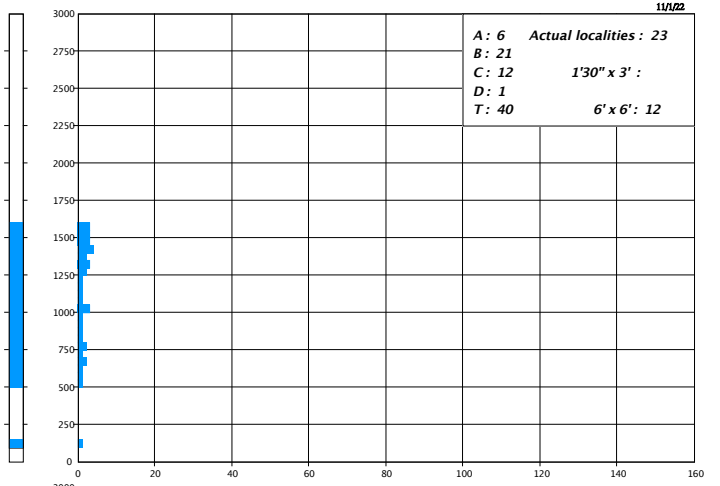
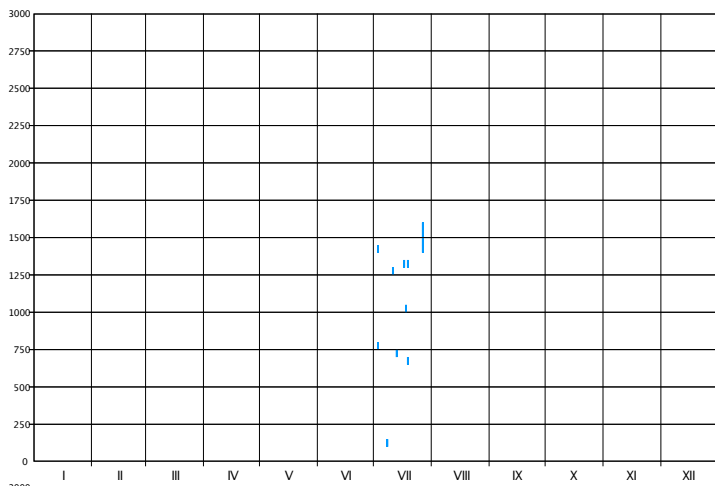


**A : 0** Actual localities : 34  
**B : 15**  
**C : 47** 1'30" x 3' : 19  
**D : 17**  
**T : 79** 6' x 6' : 13

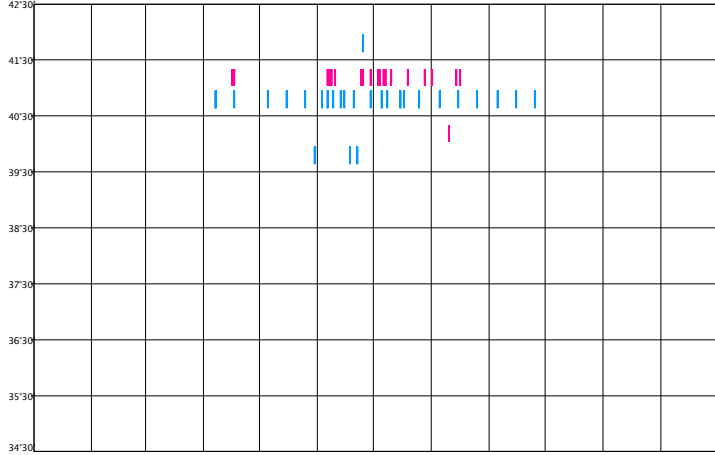
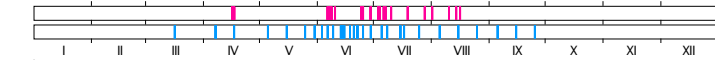
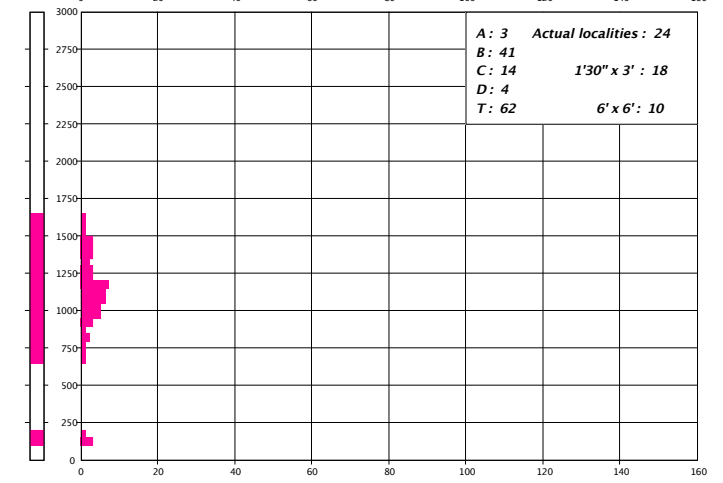
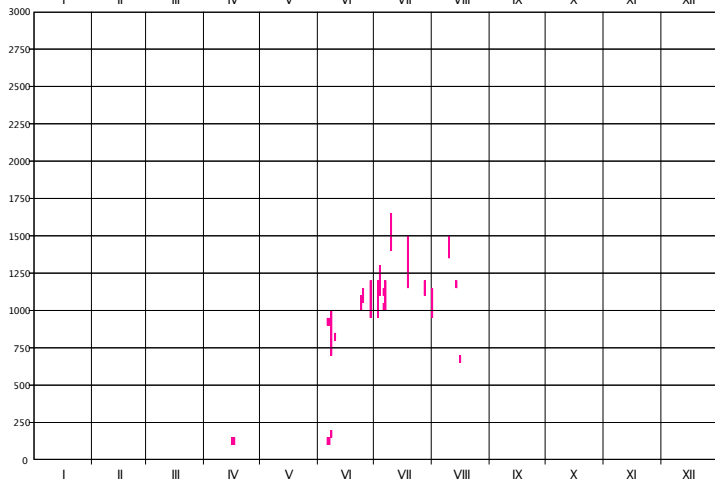
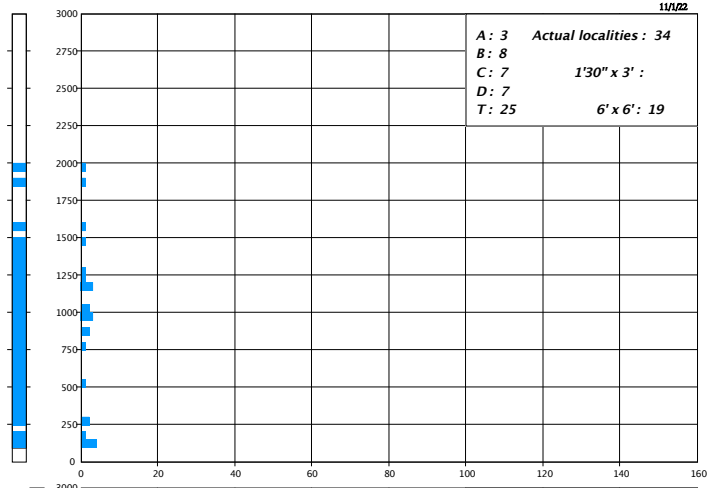
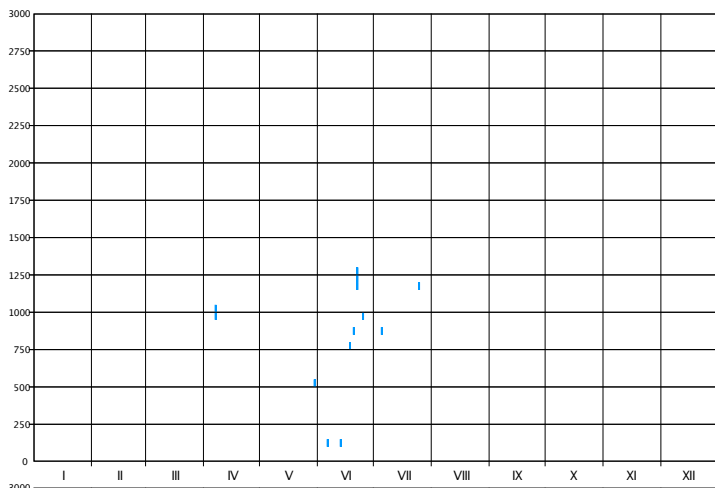
**NYMPHALIDAE *Neptis sappho***



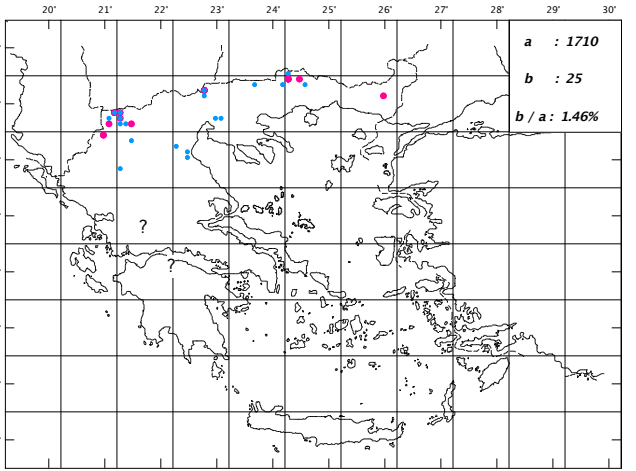
**a : 1710**  
**b : 30**  
**b / a : 1.75%**

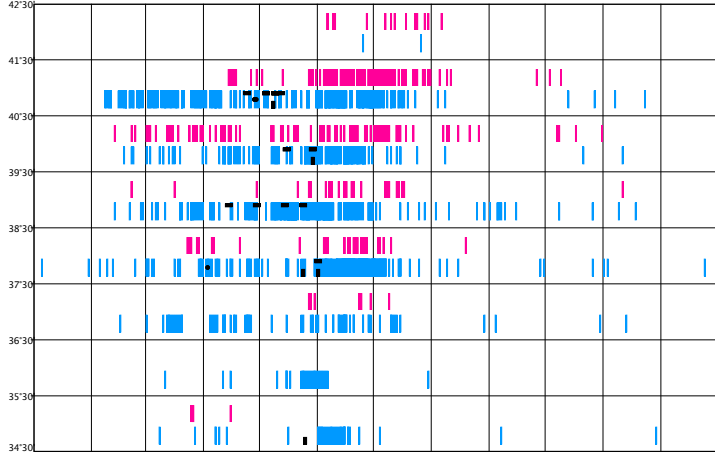
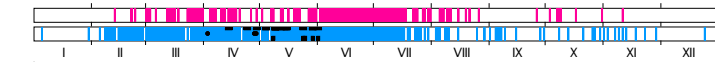
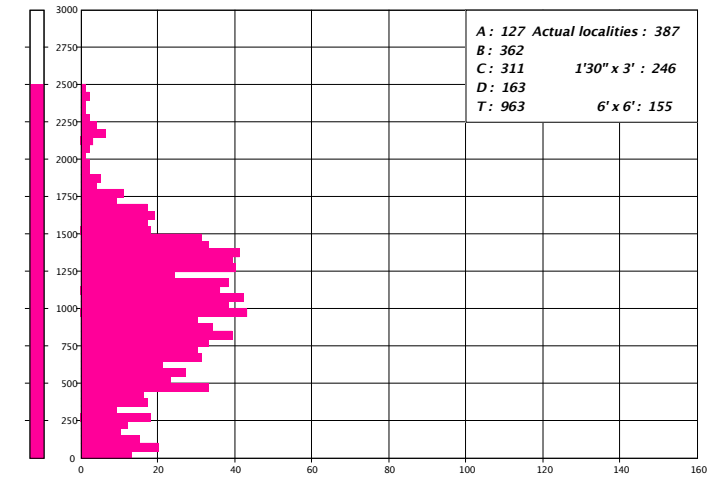
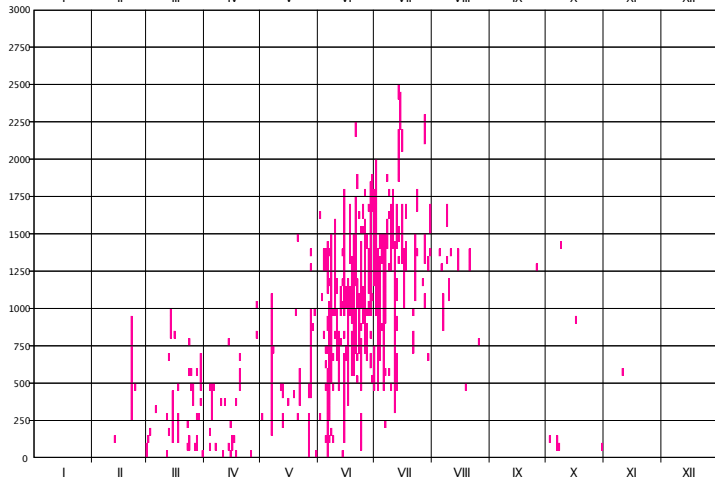
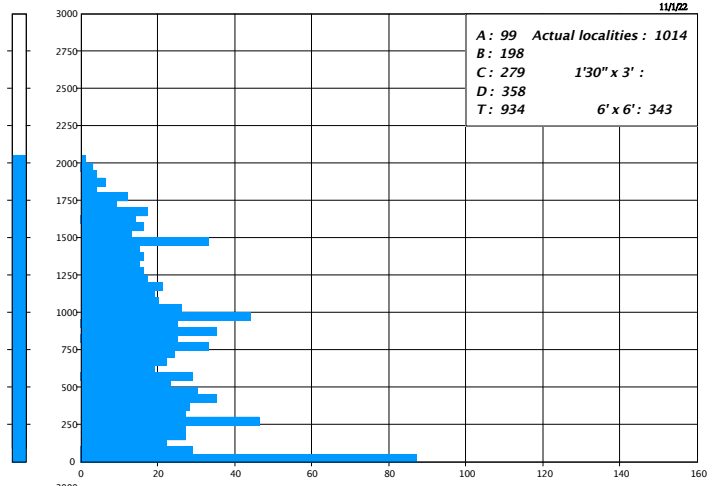
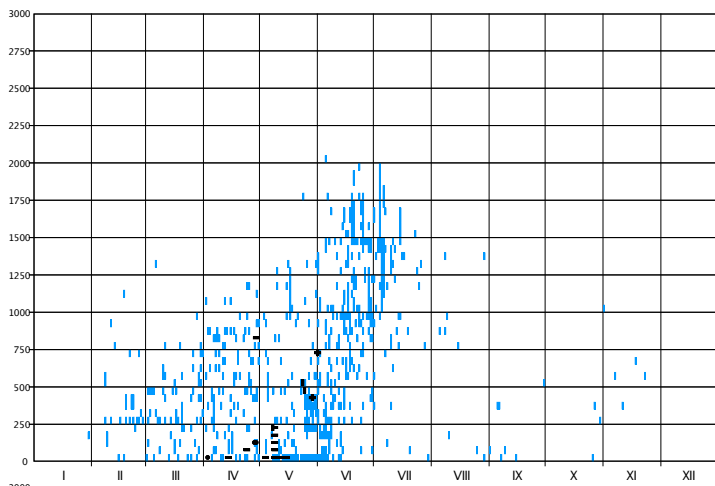




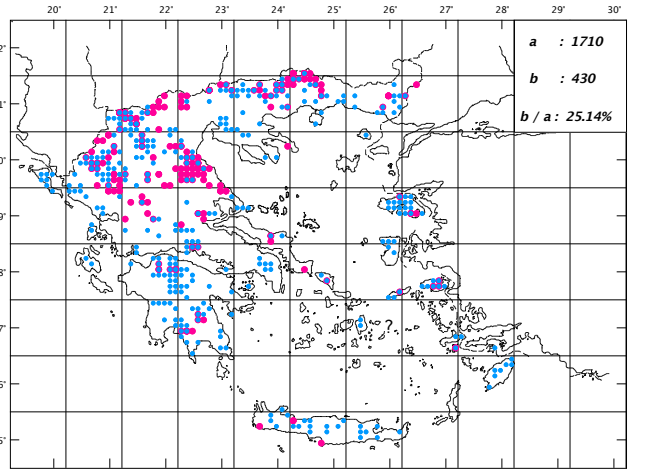


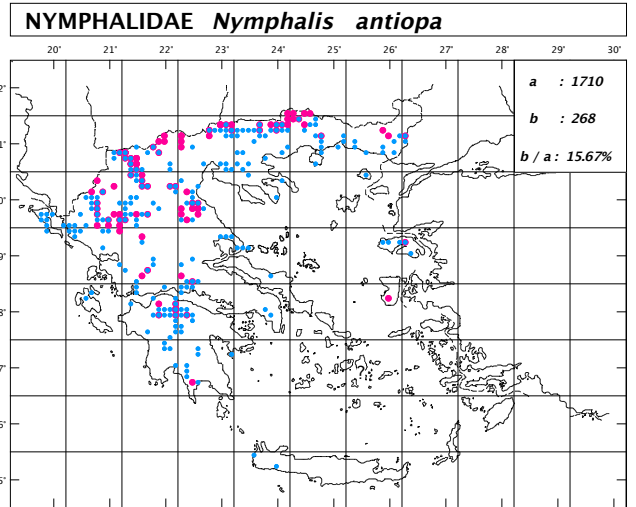
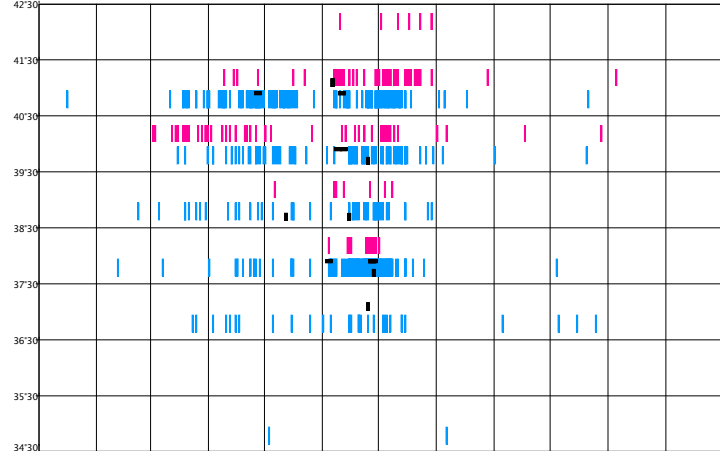
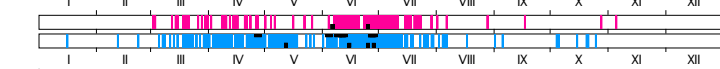
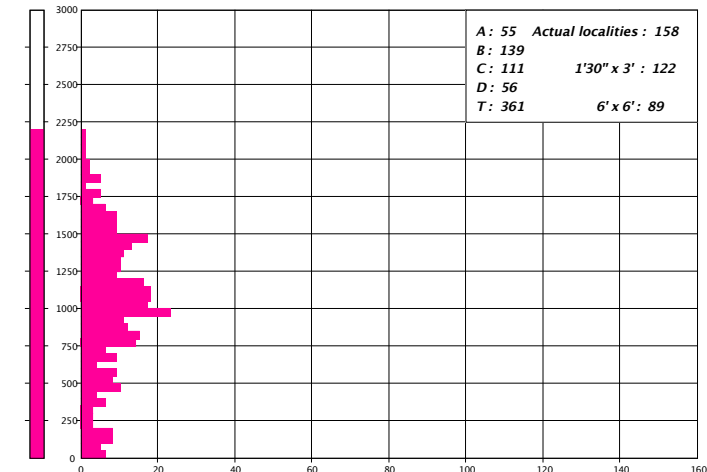
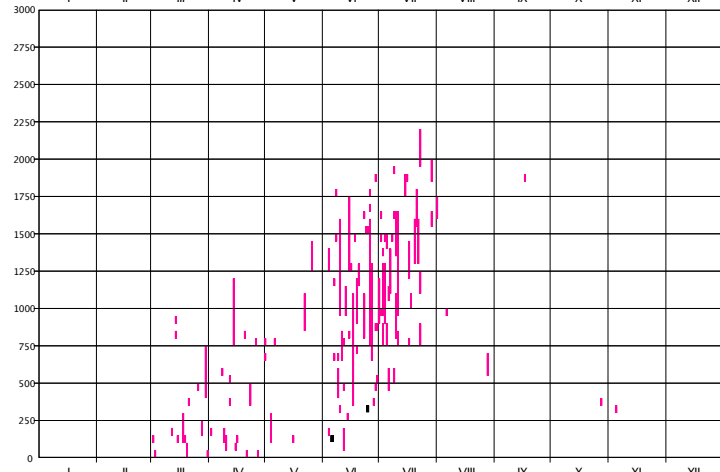
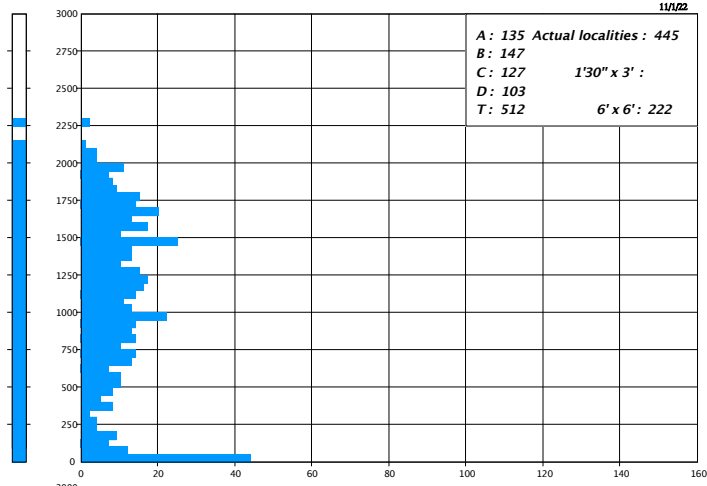
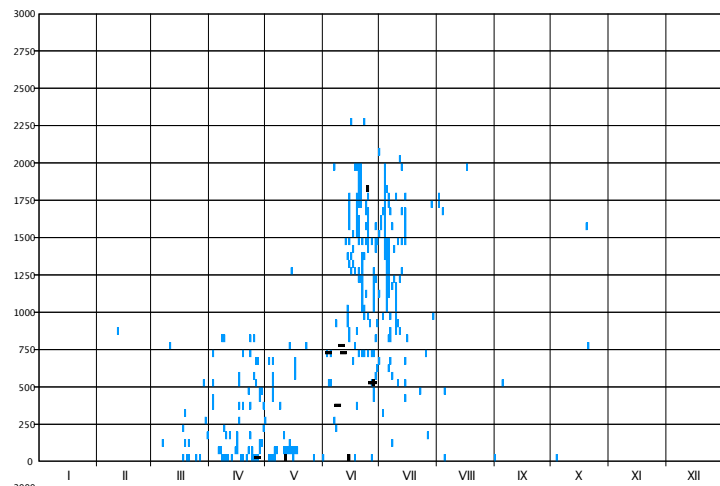
**NYMPHALIDAE *Nymphalis xanthomelas***

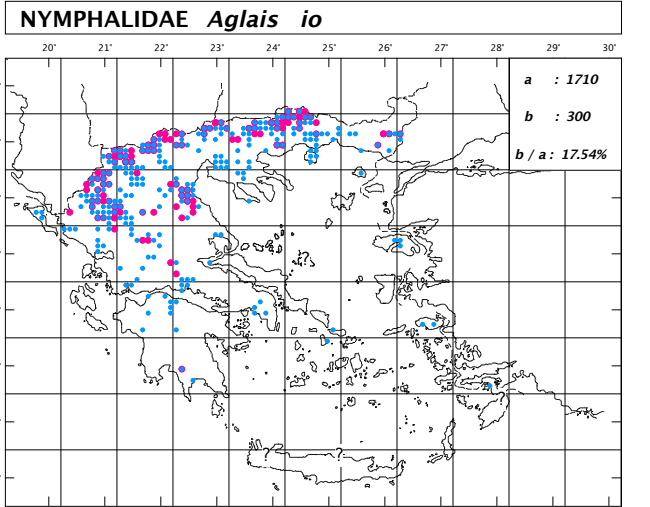
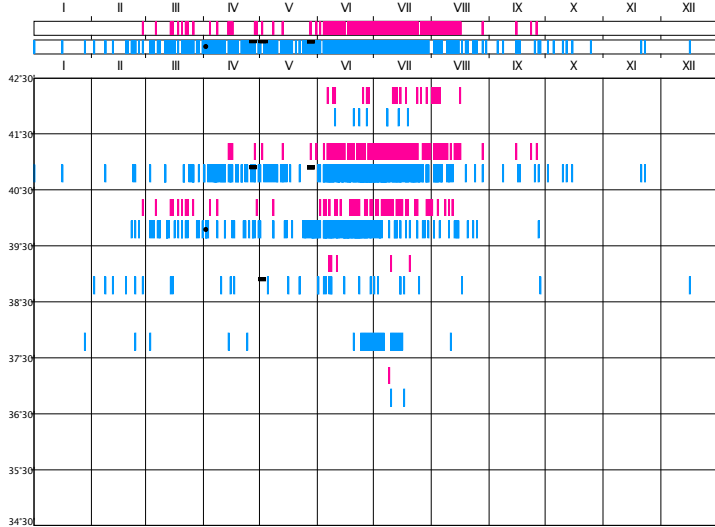
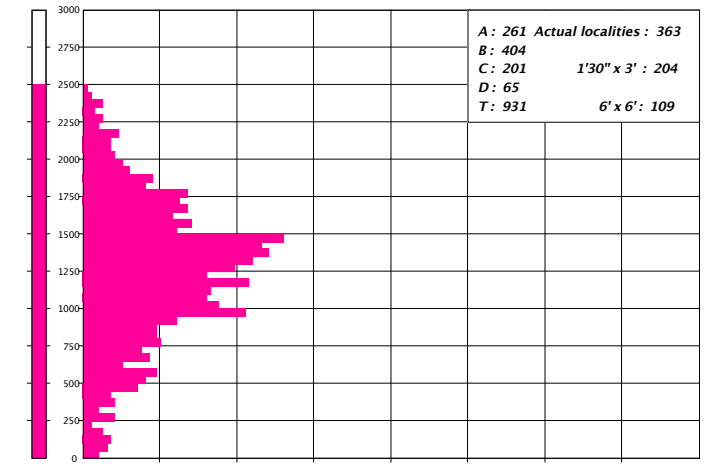
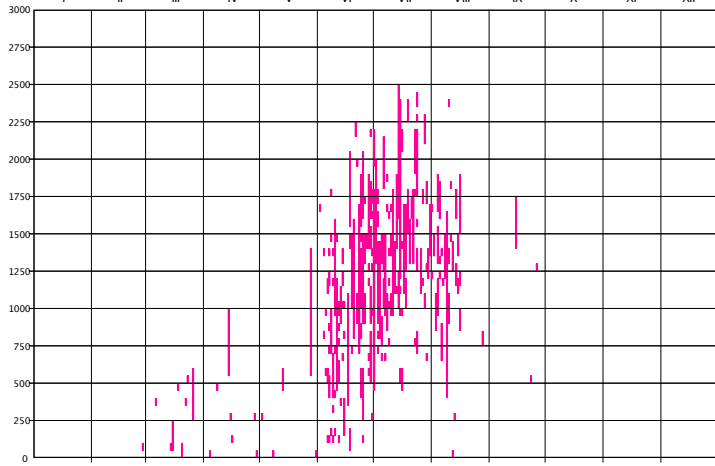
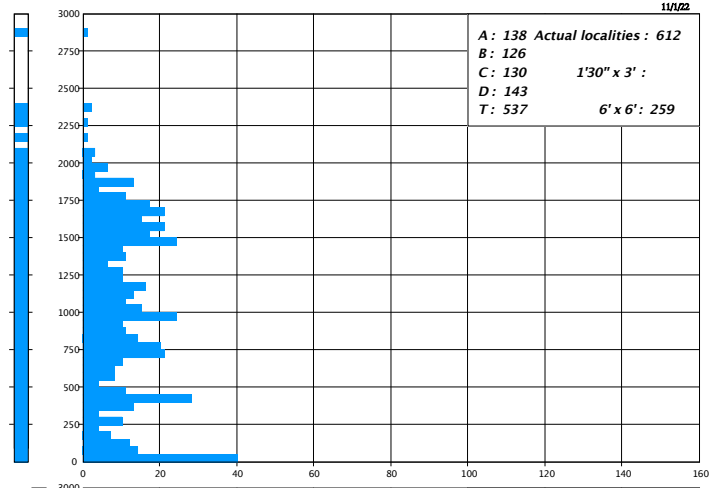
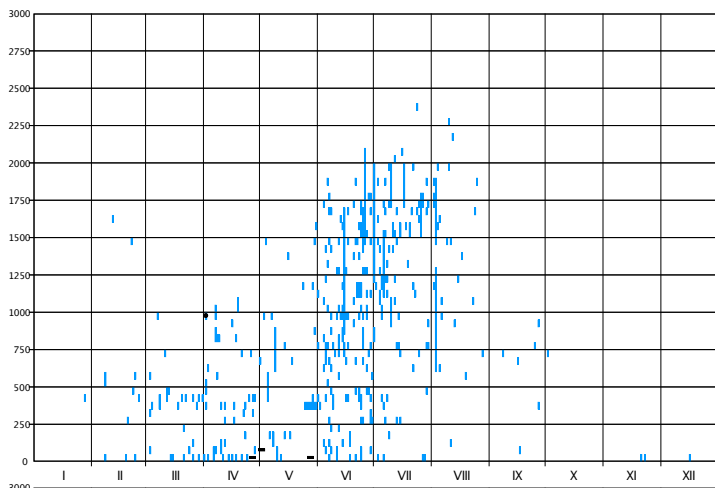


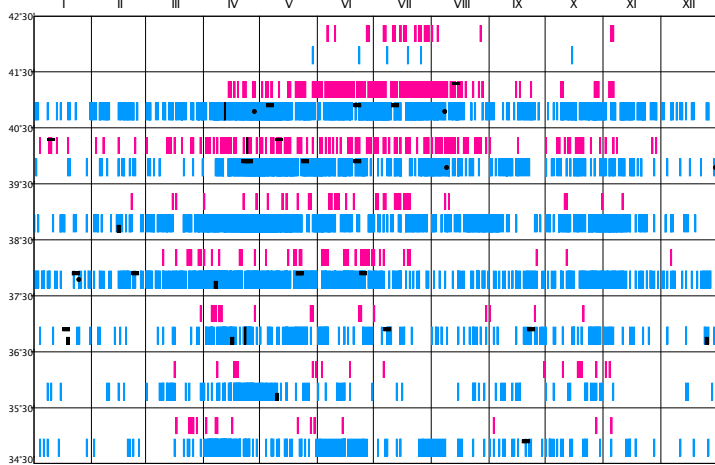
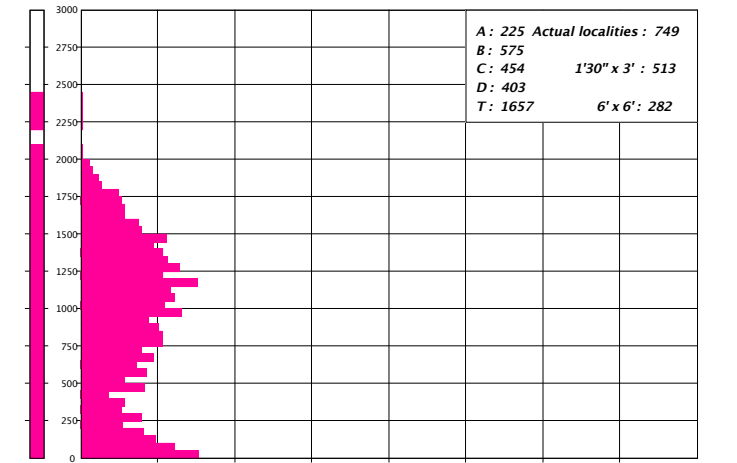
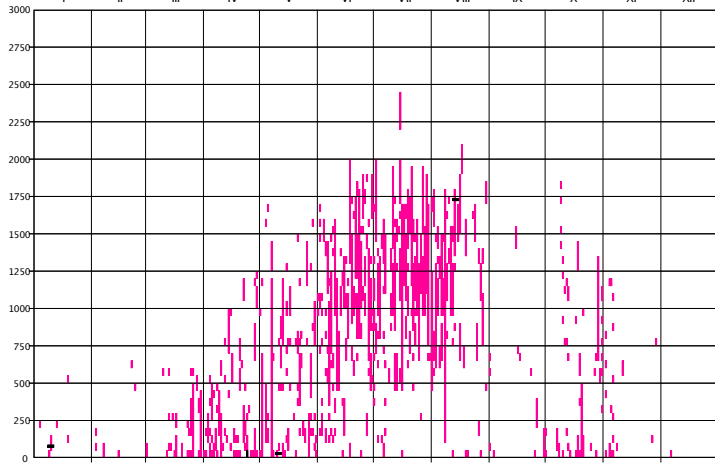
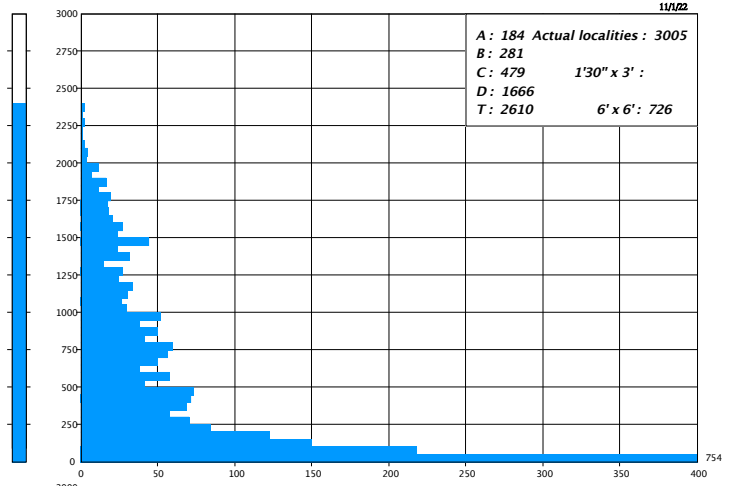
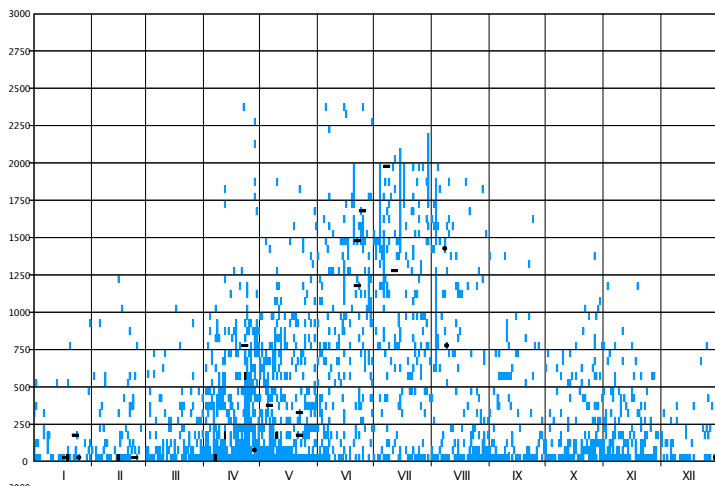


**NYPHALIDAE *Nymphalis polychloros***

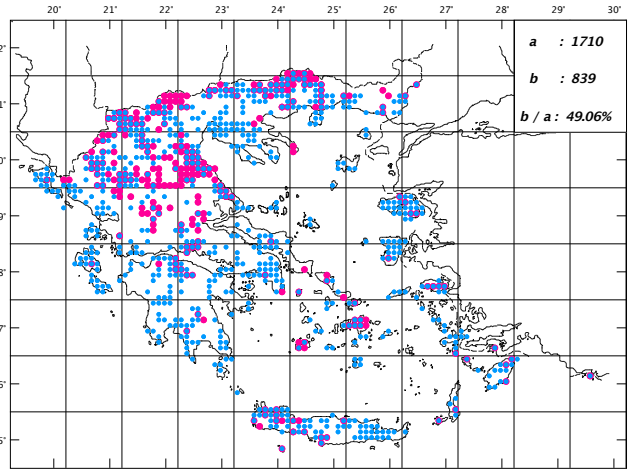


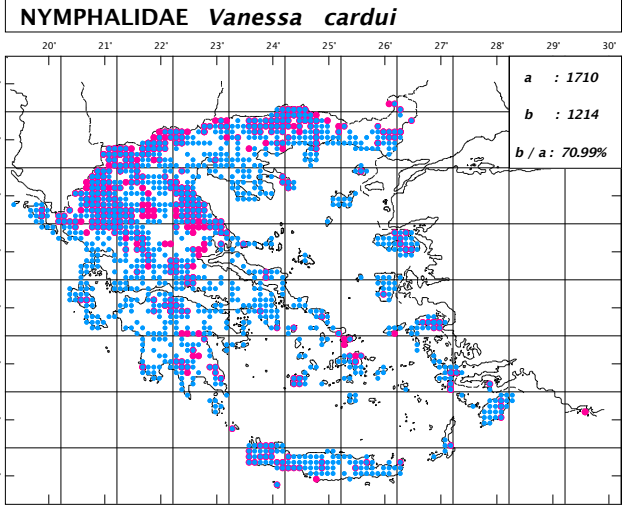
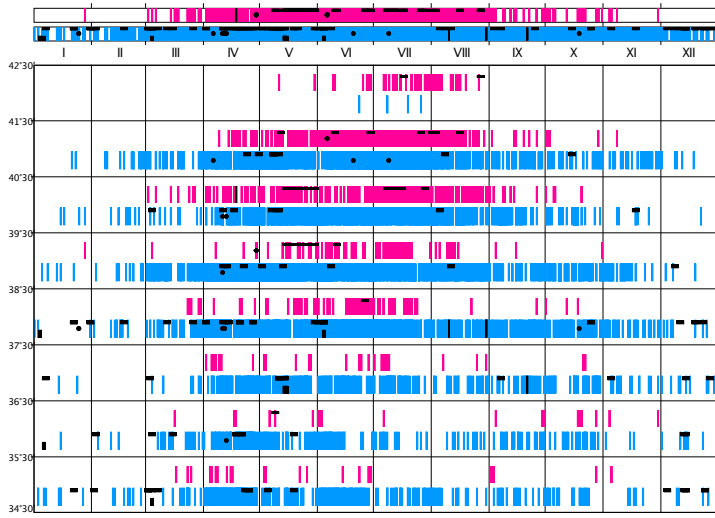
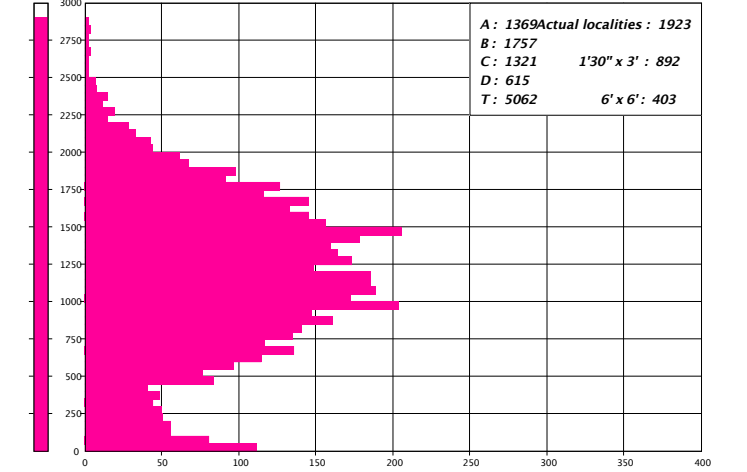
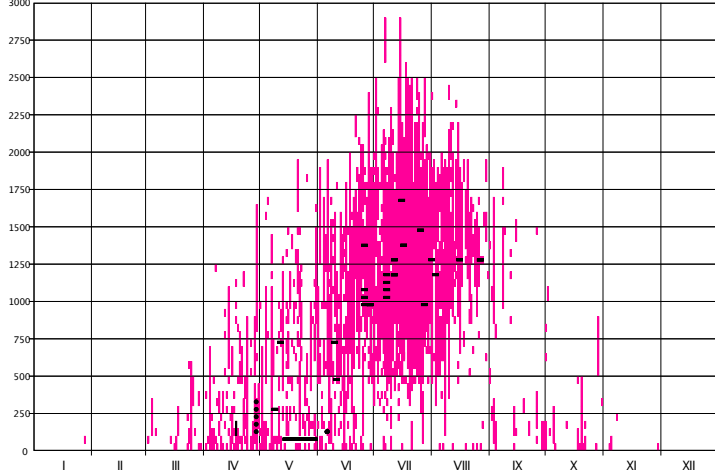
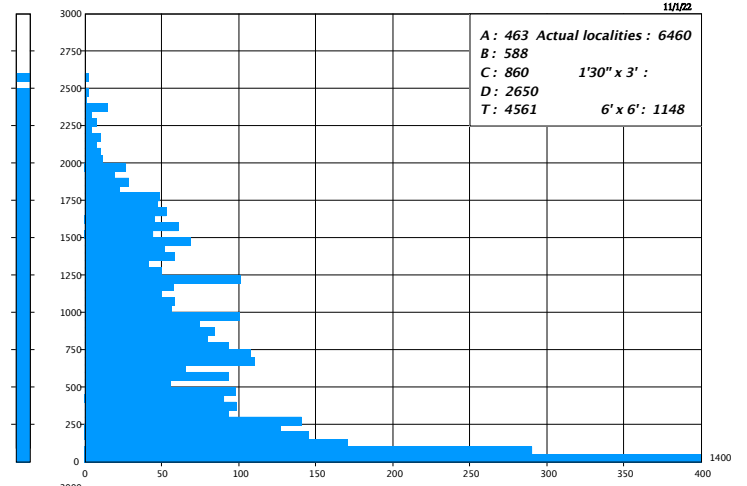
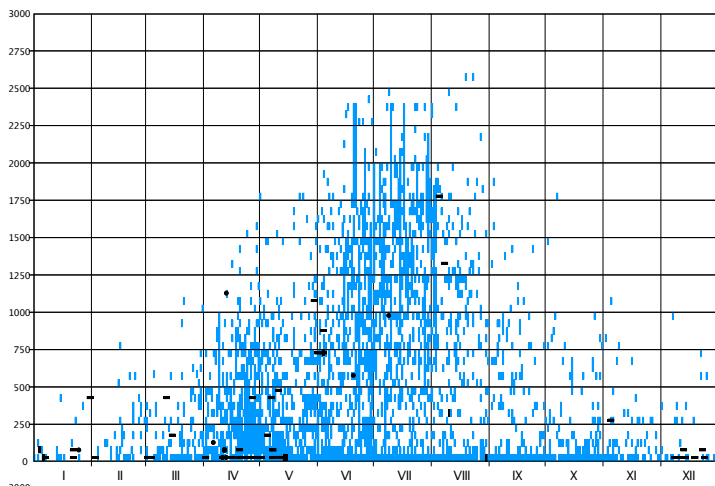


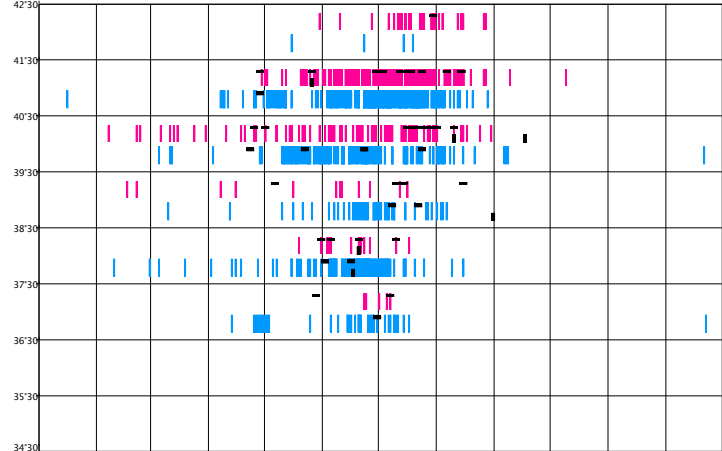
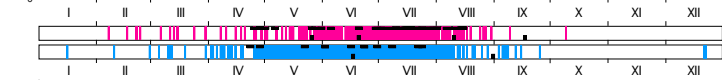
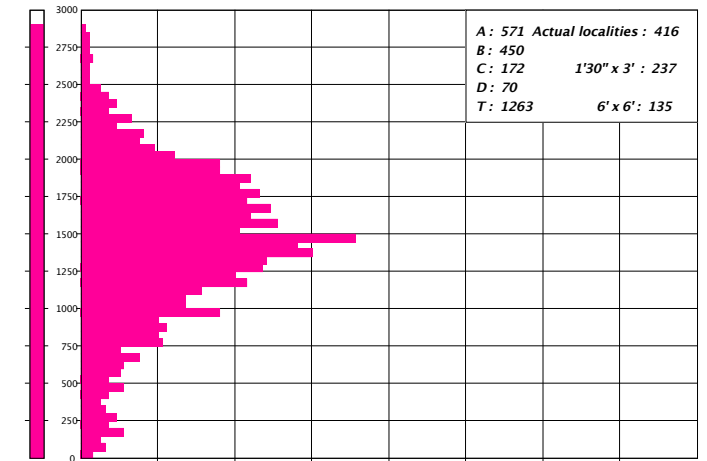
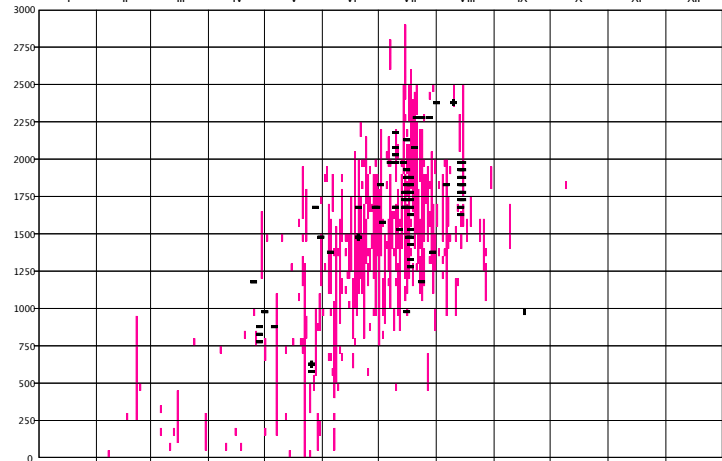
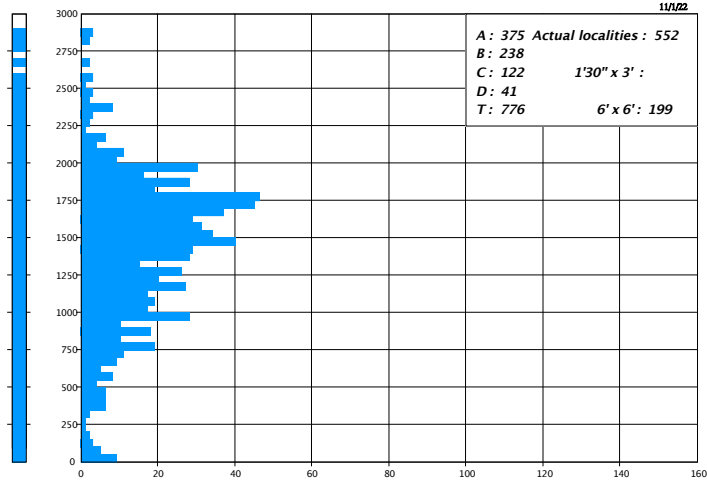
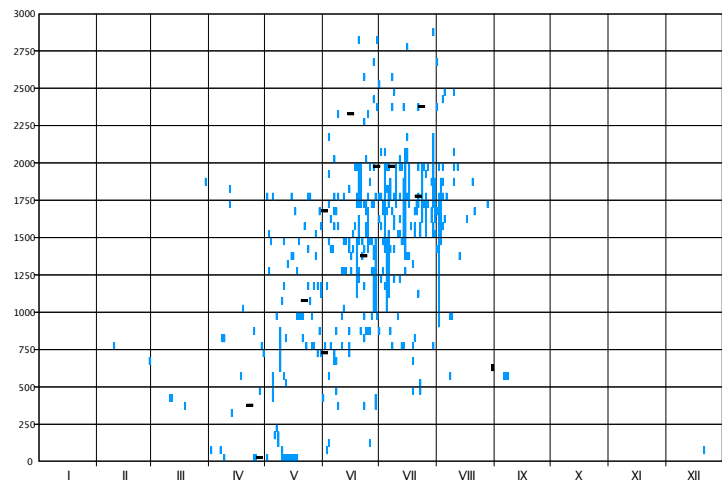




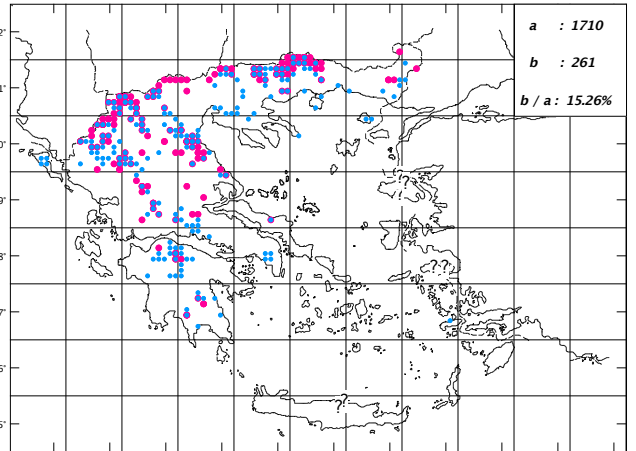
**NYMPHALIDAE *Vanessa atalanta***

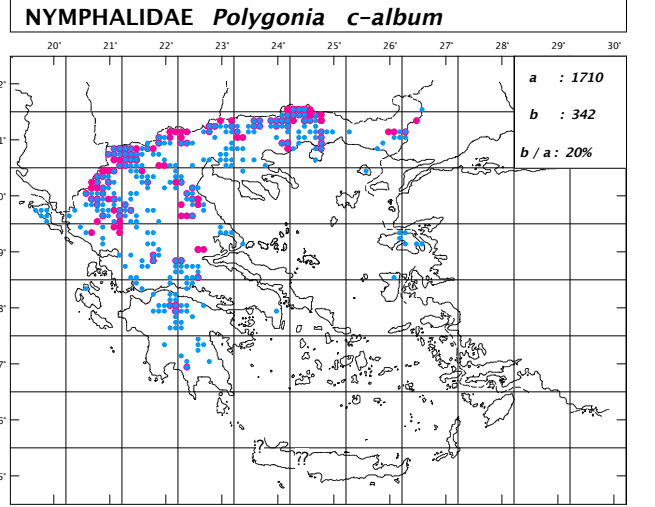
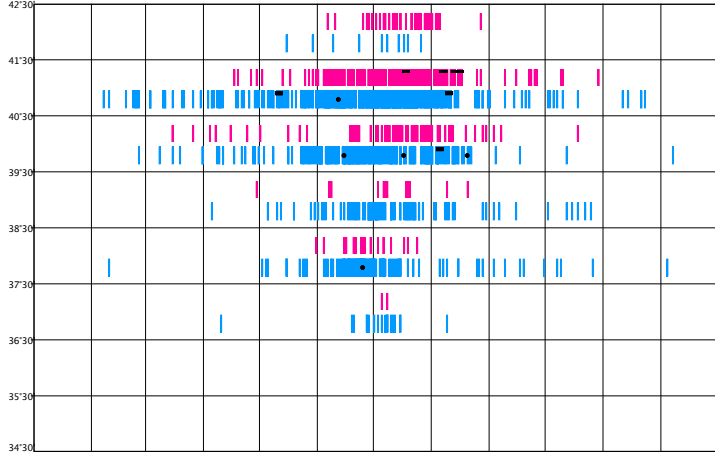
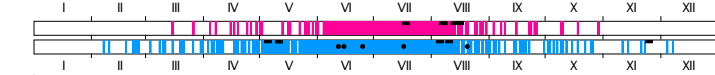
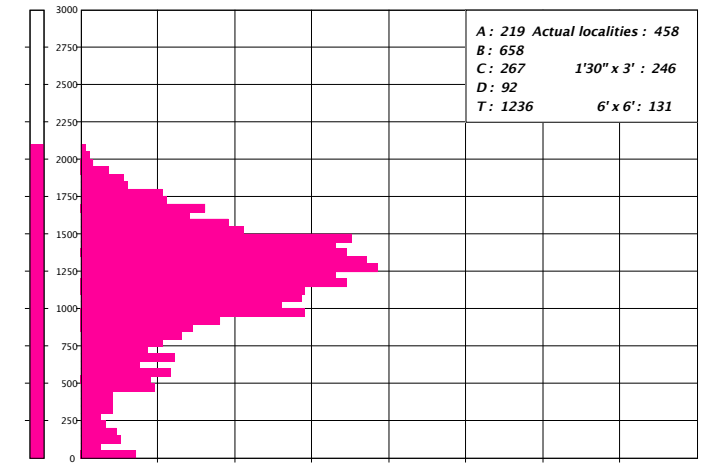
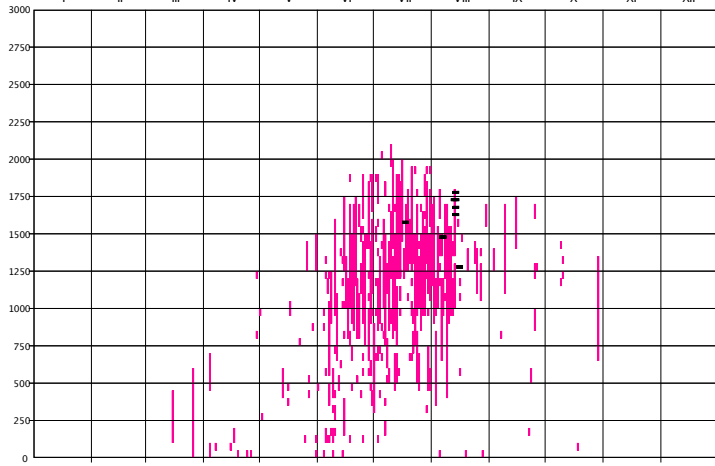
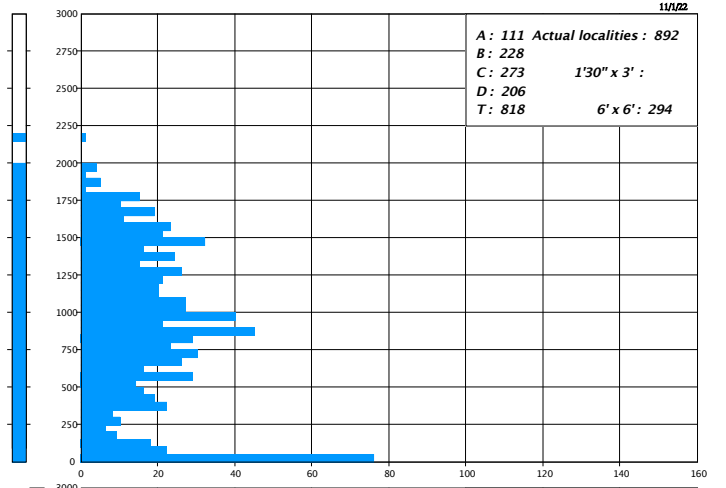
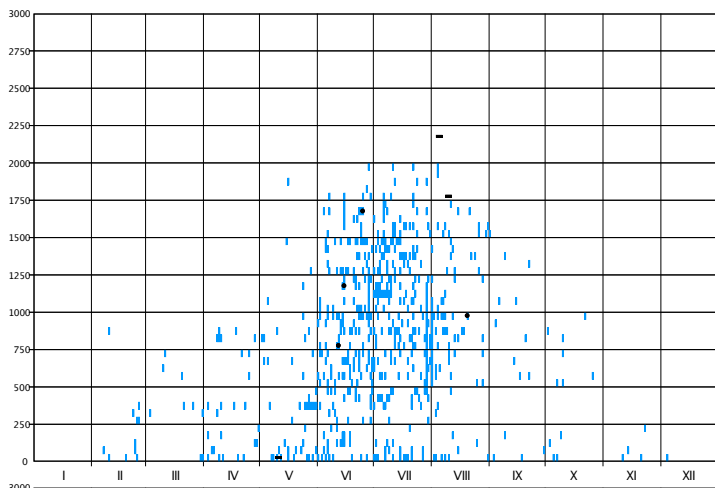




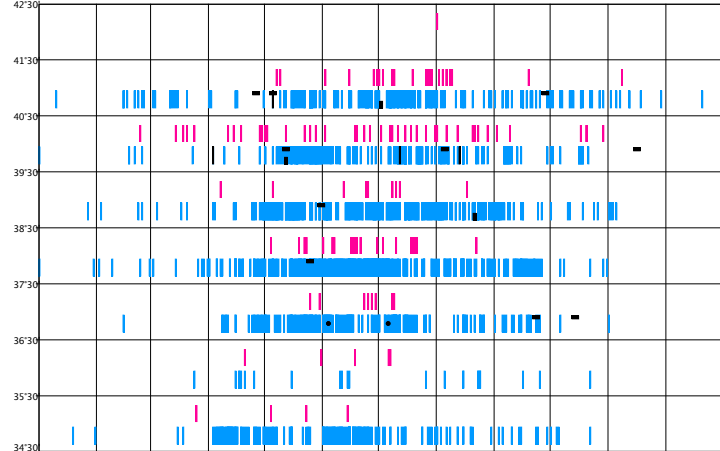
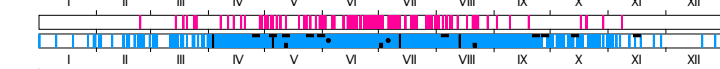
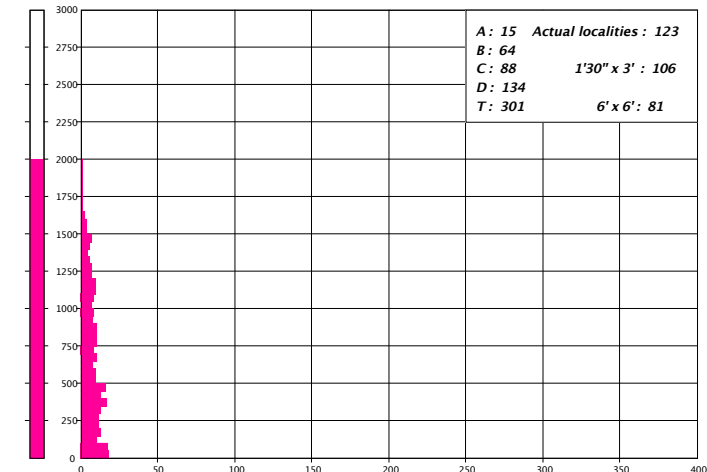
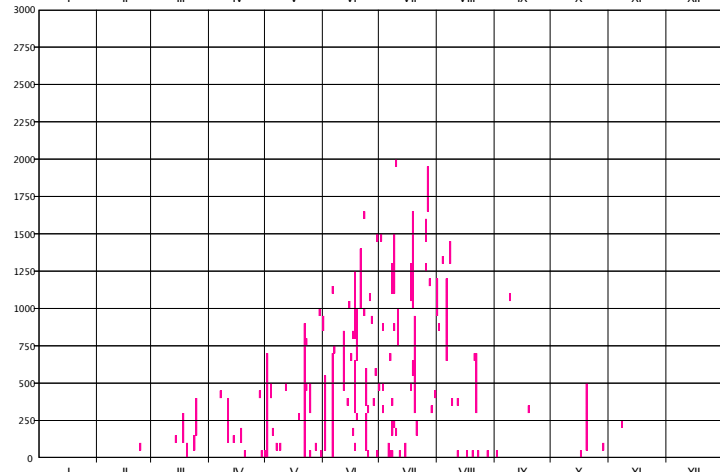
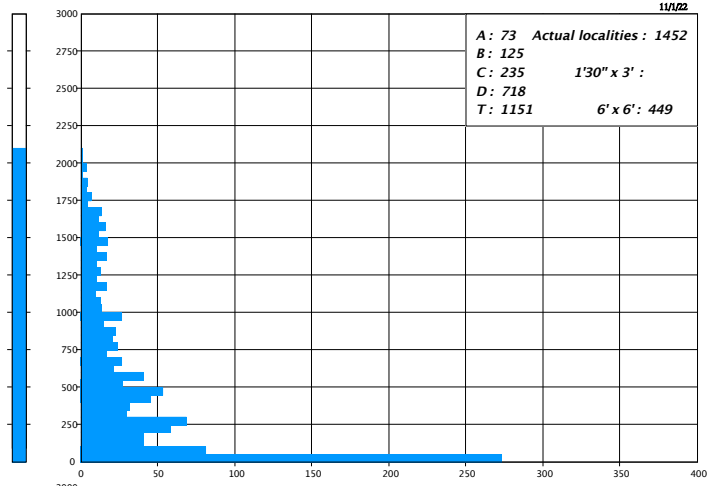
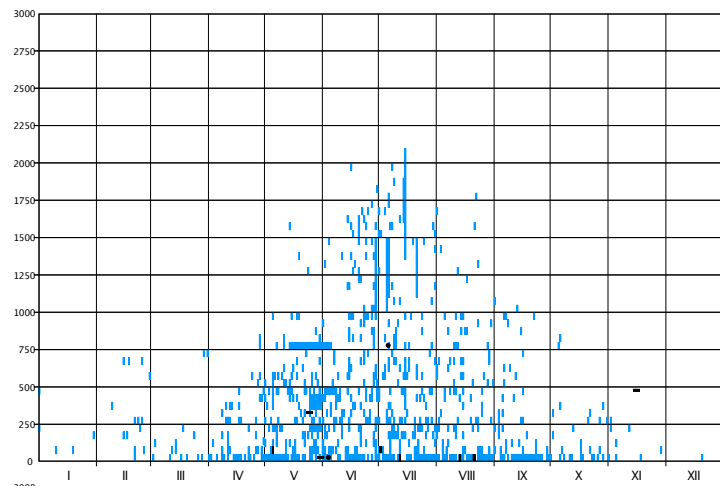


**NYMPHALIDAE *Aglais urticae***

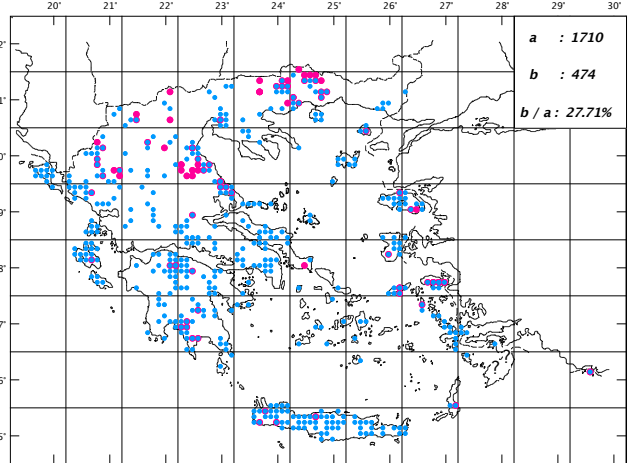


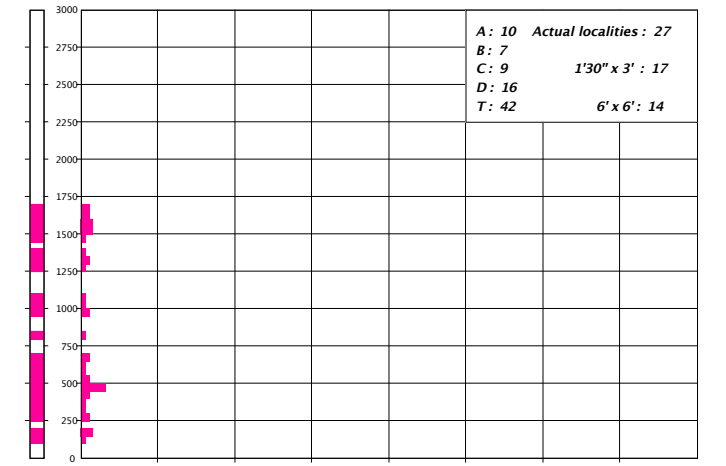
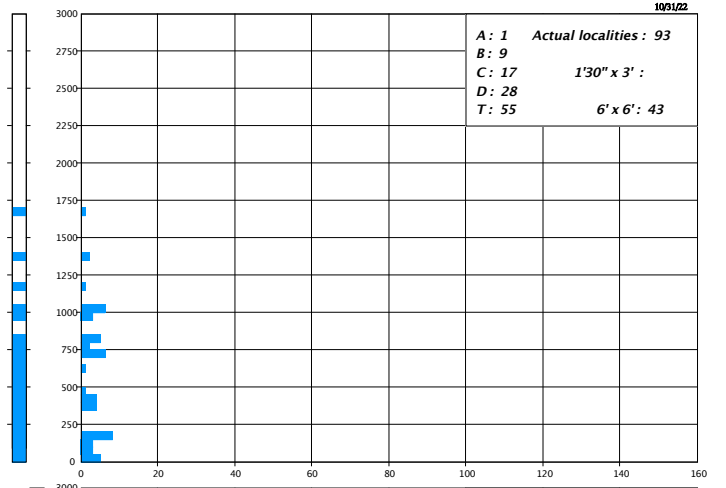
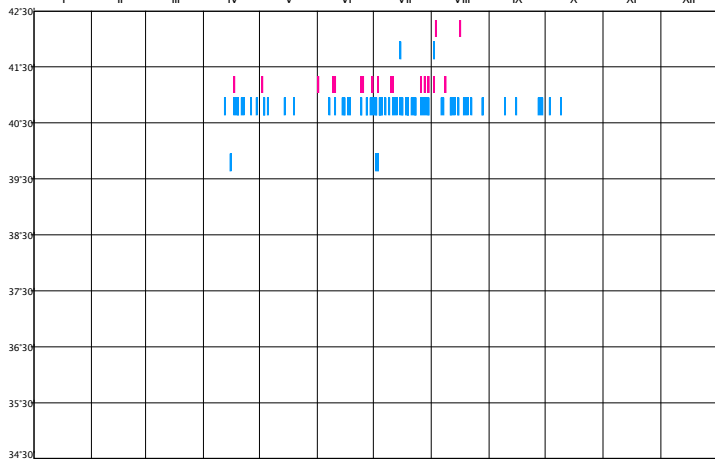
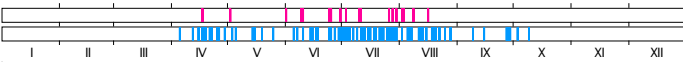
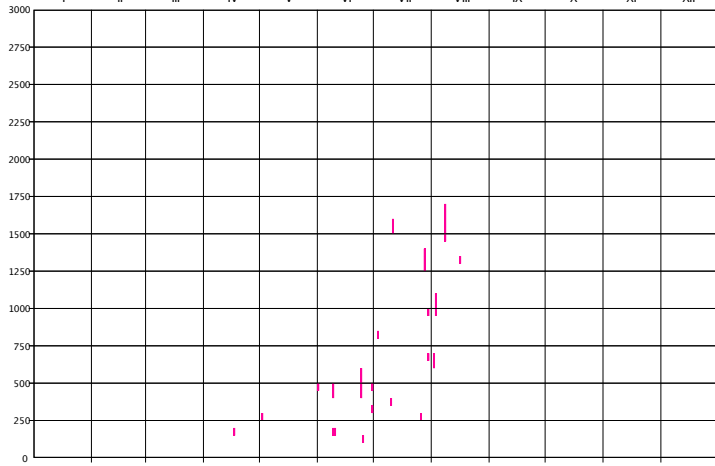
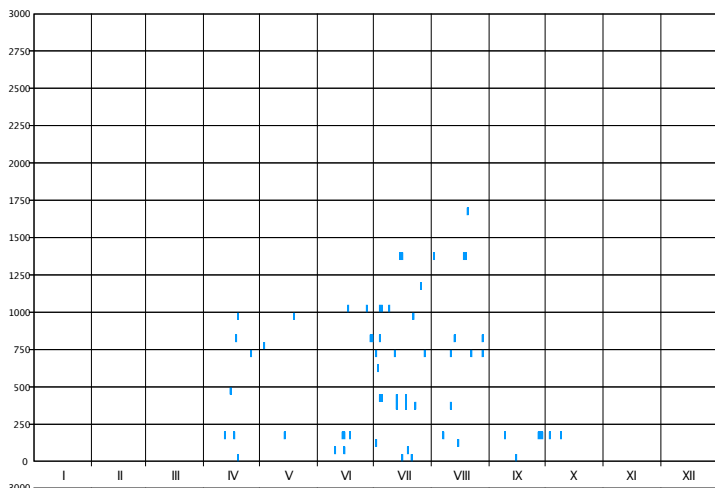




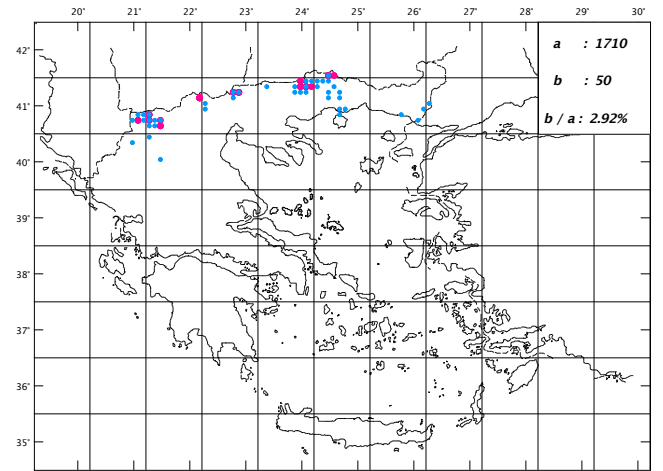


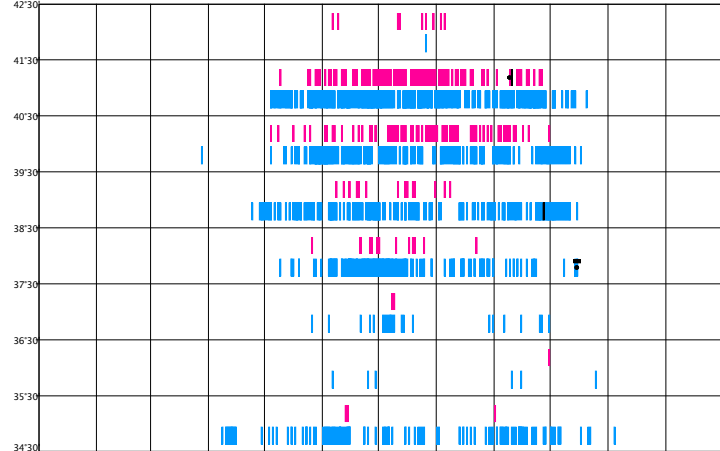
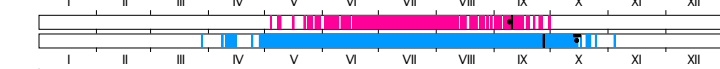
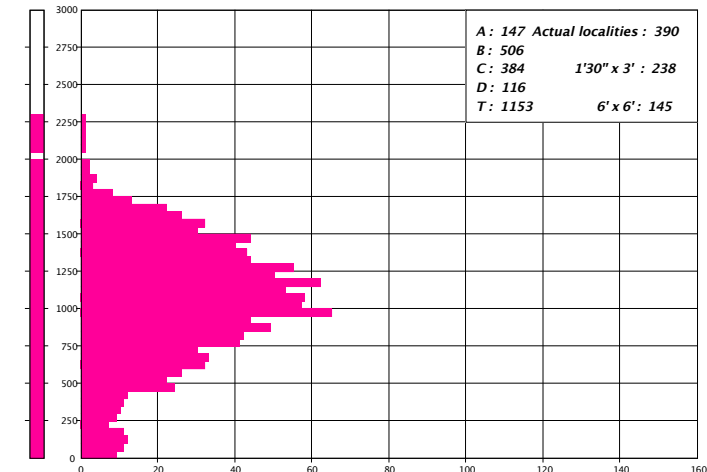
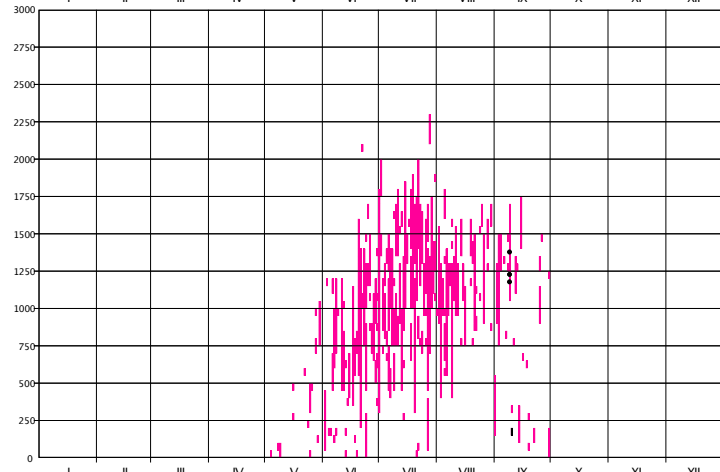
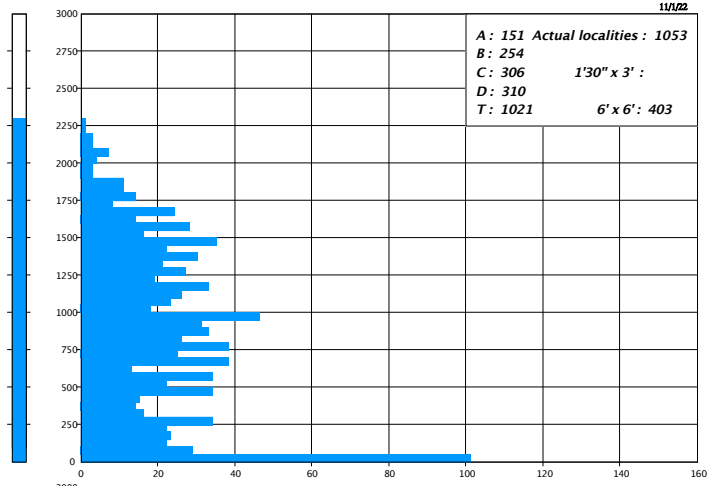
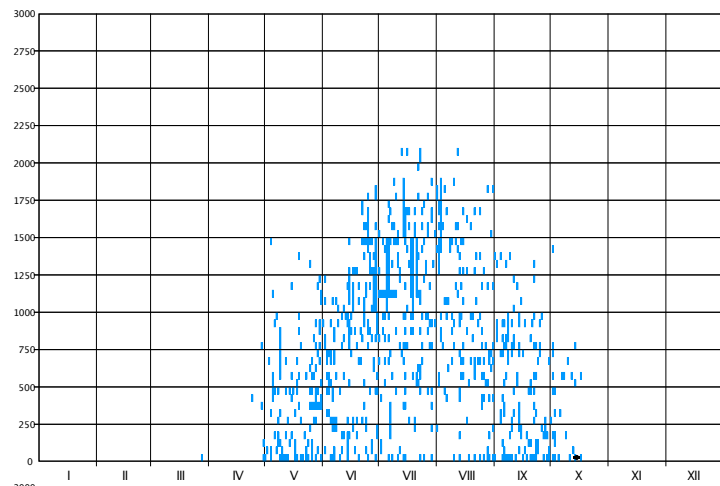
**NYMPHALIDAE *Polygonia egea***



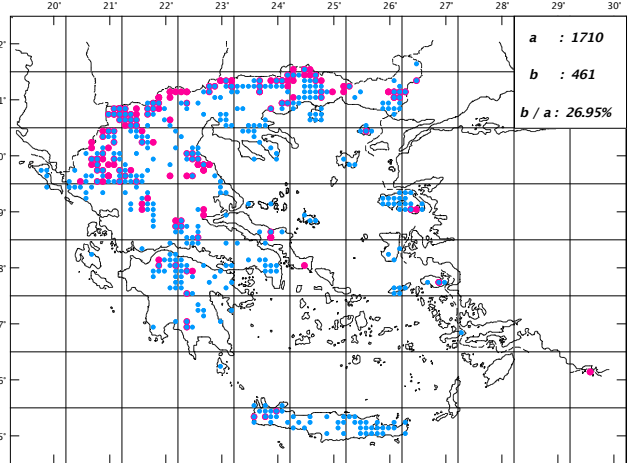


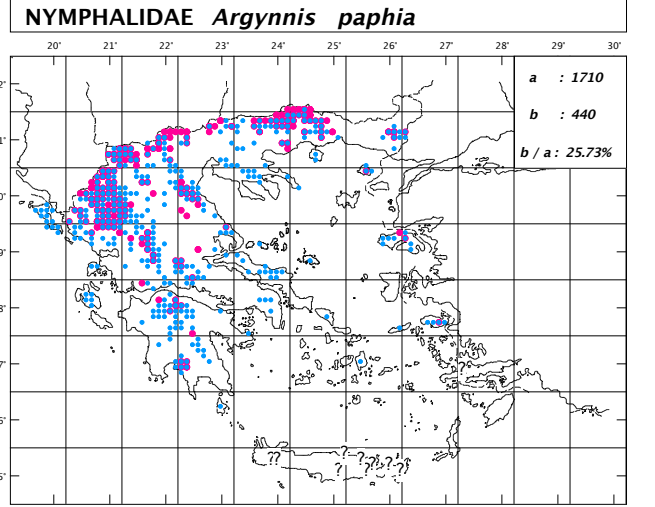
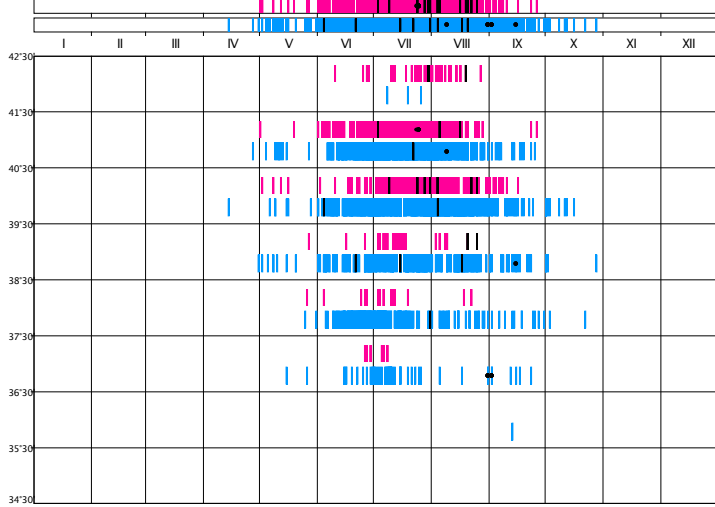
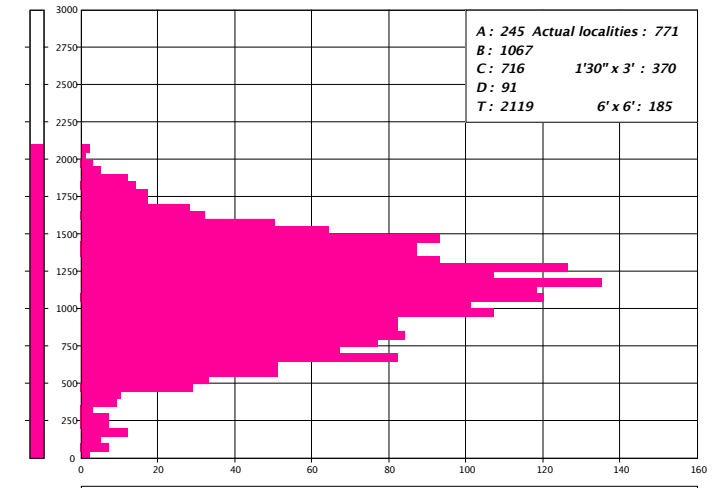
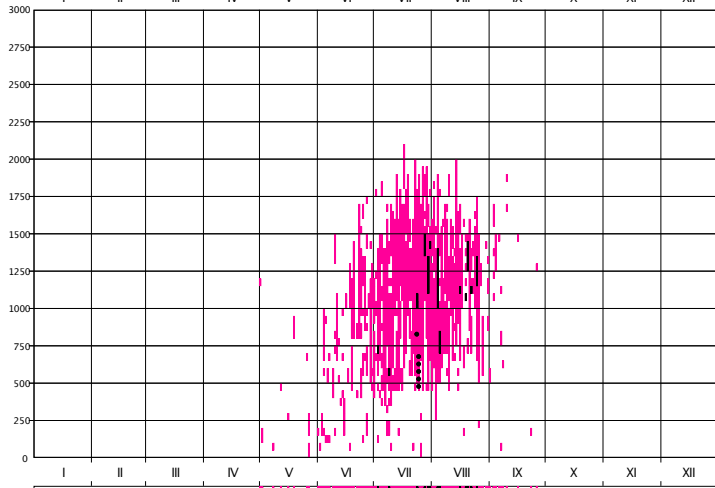
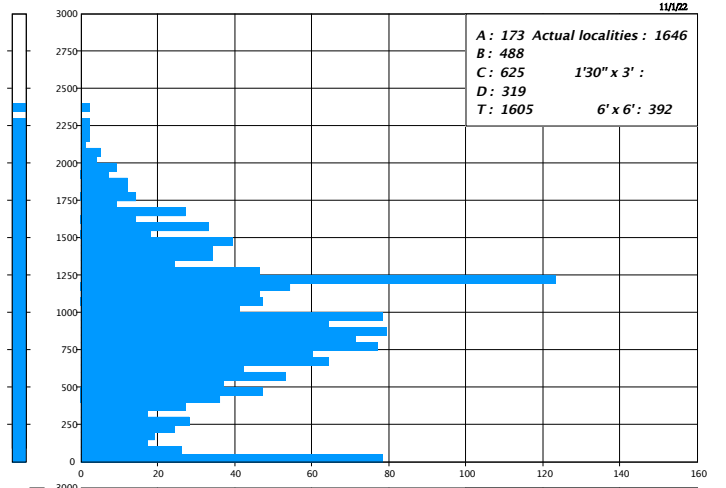
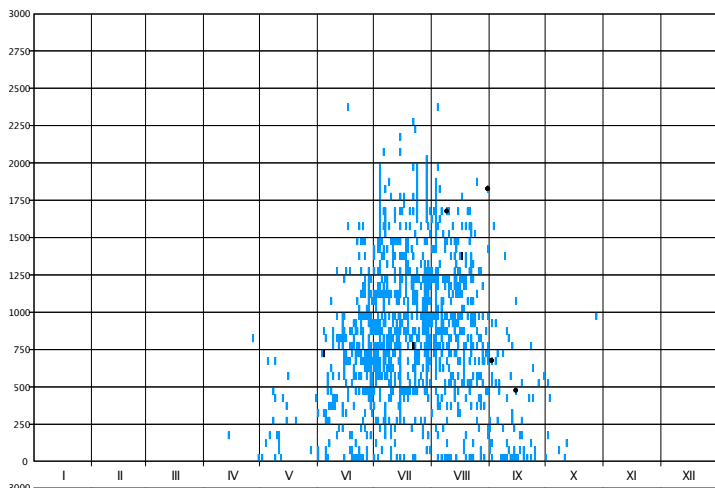
**NYMPHALIDAE *Araschnia levana***

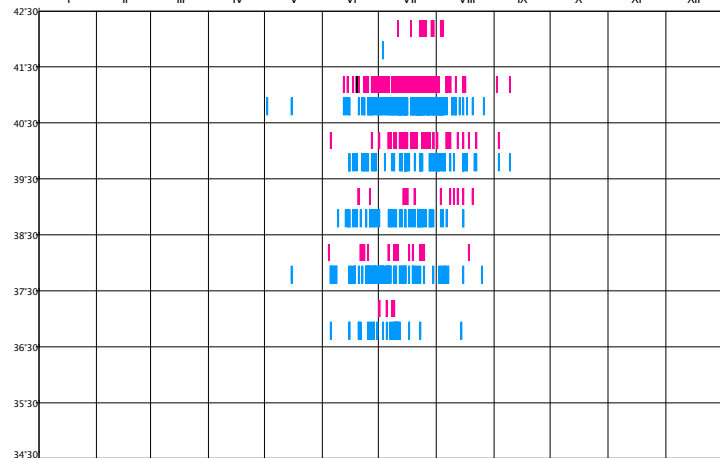
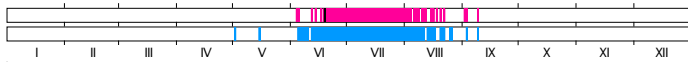
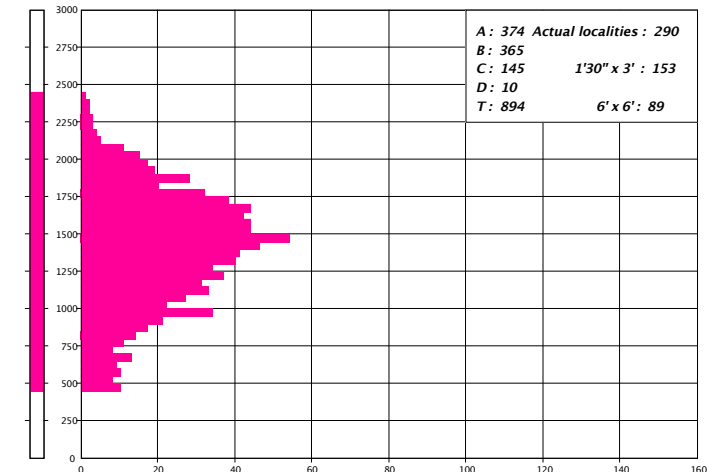
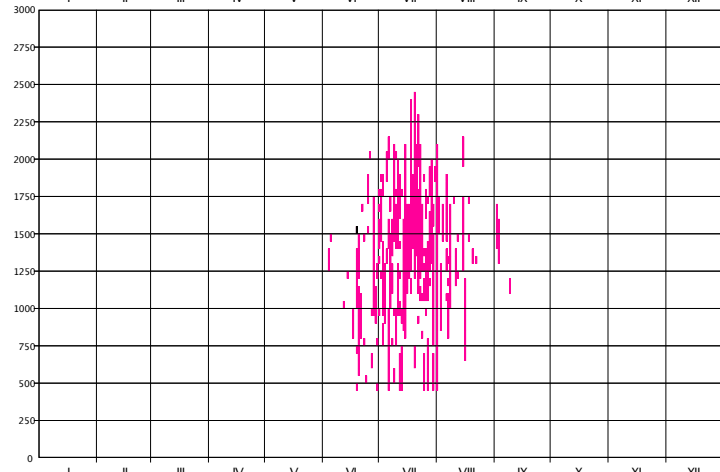
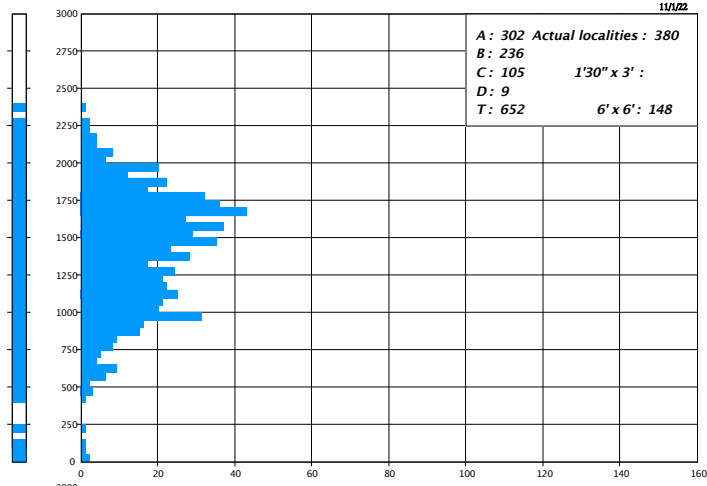
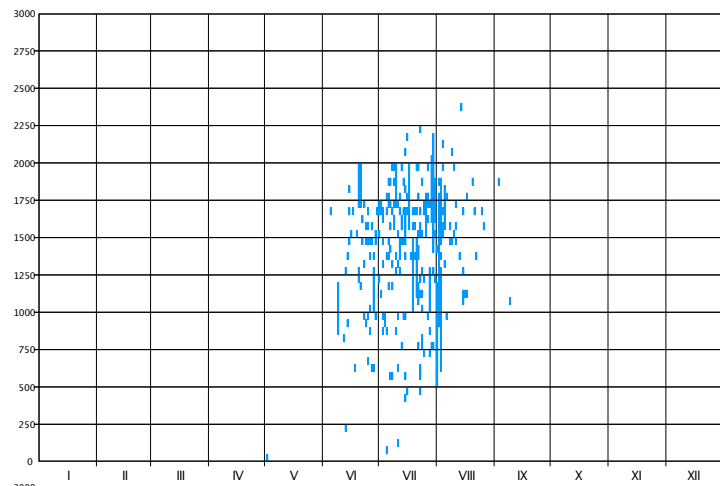




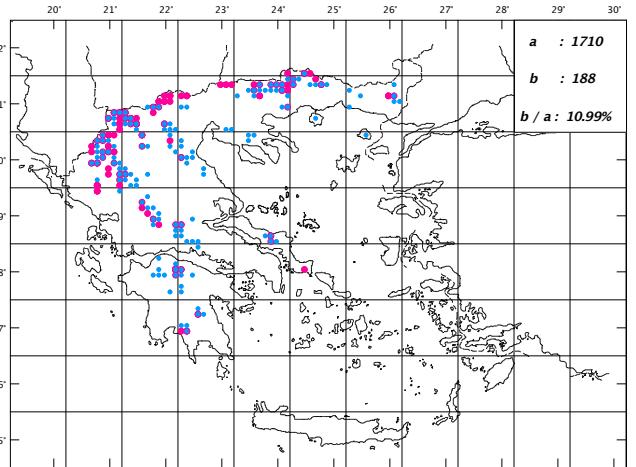
**NYMPHALIDAE *Argynnis pandora***

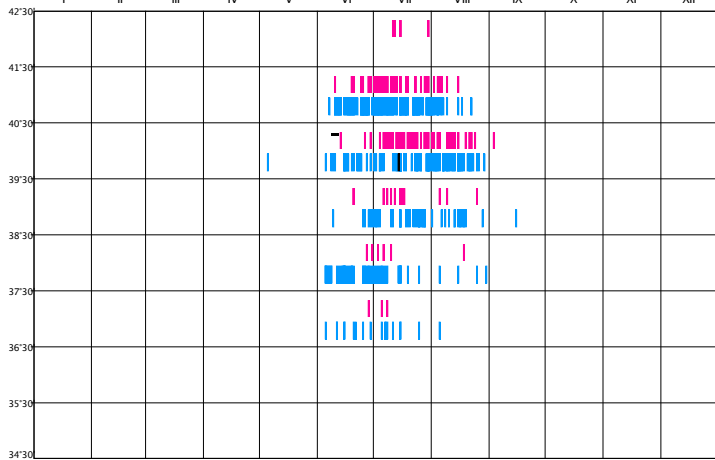
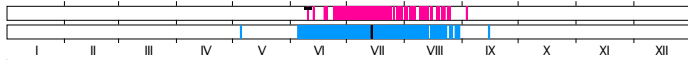
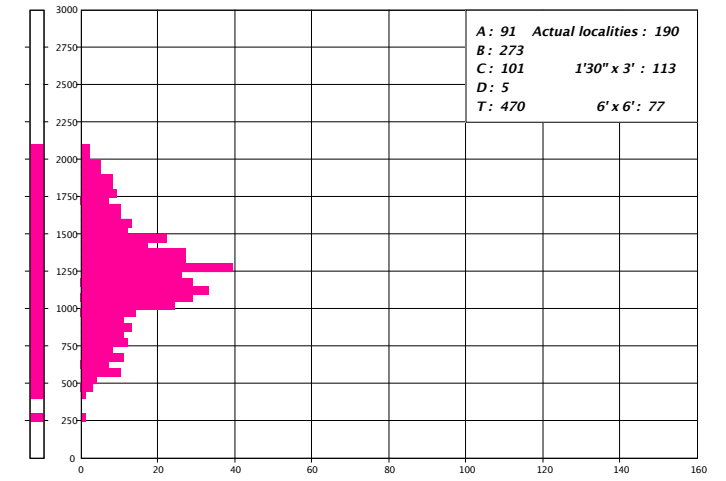
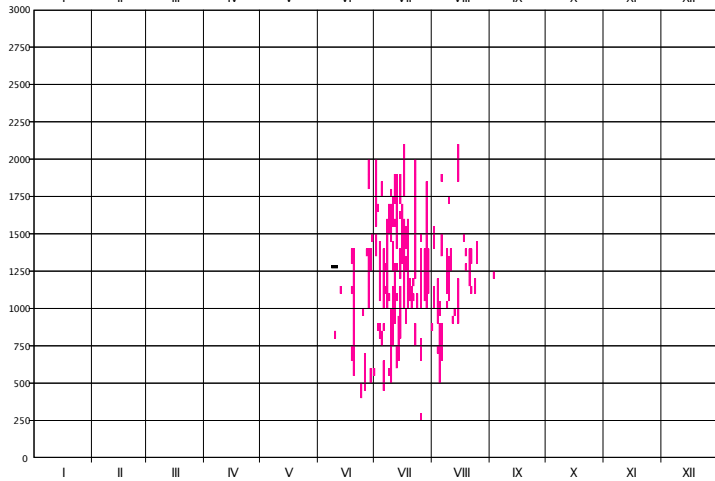
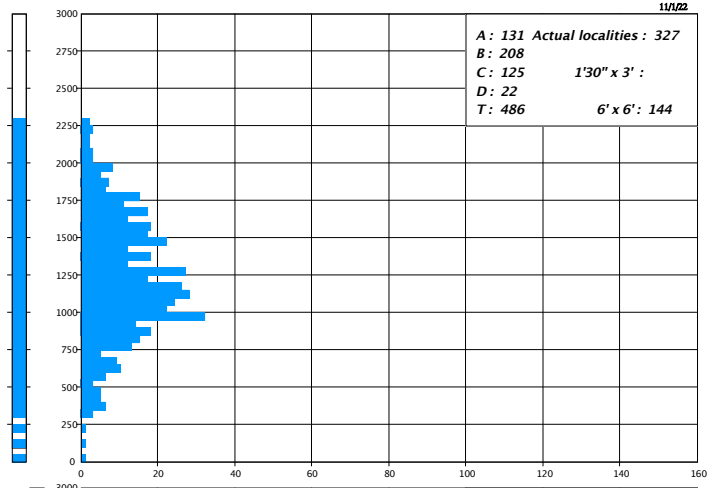
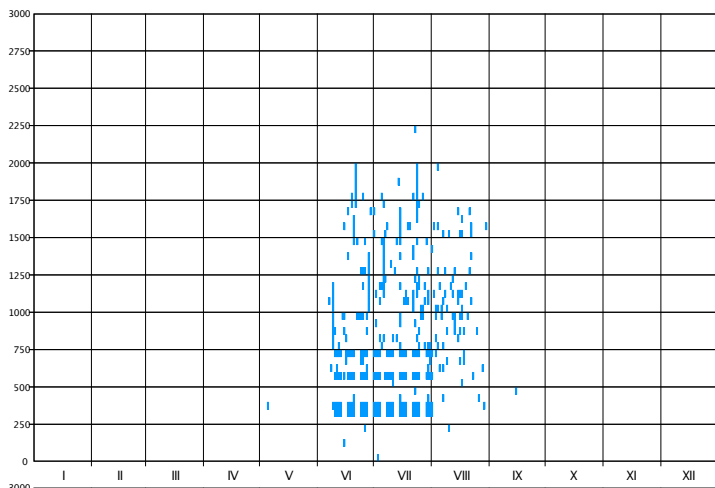




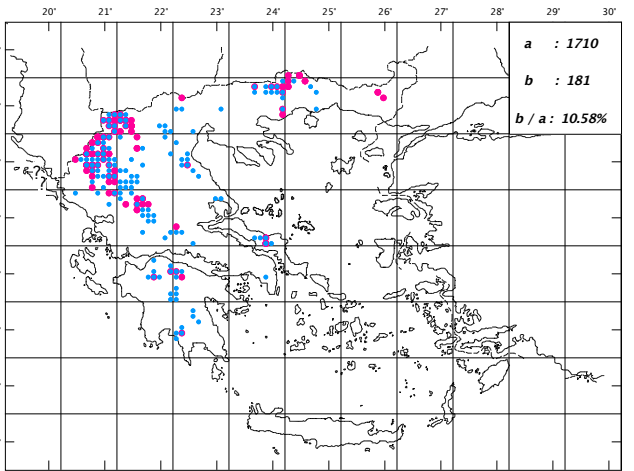


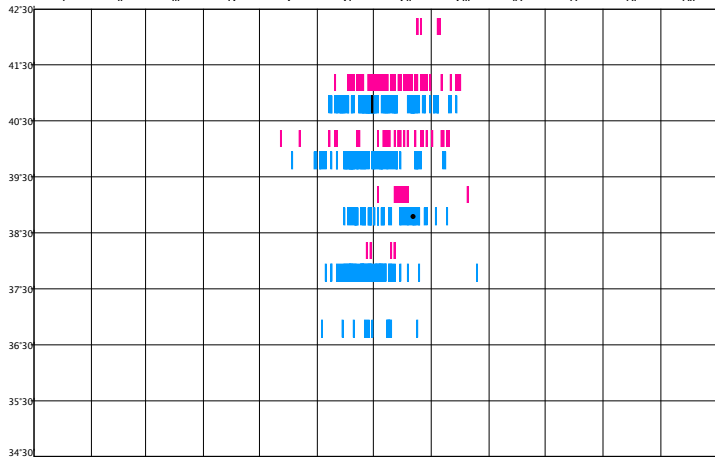
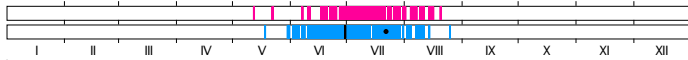
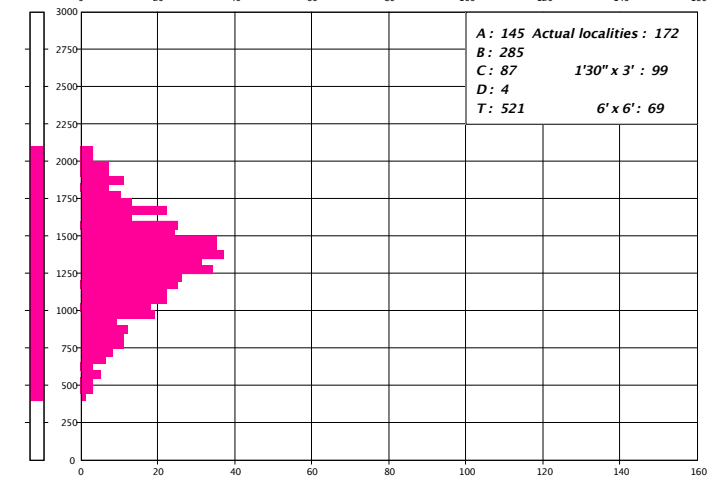
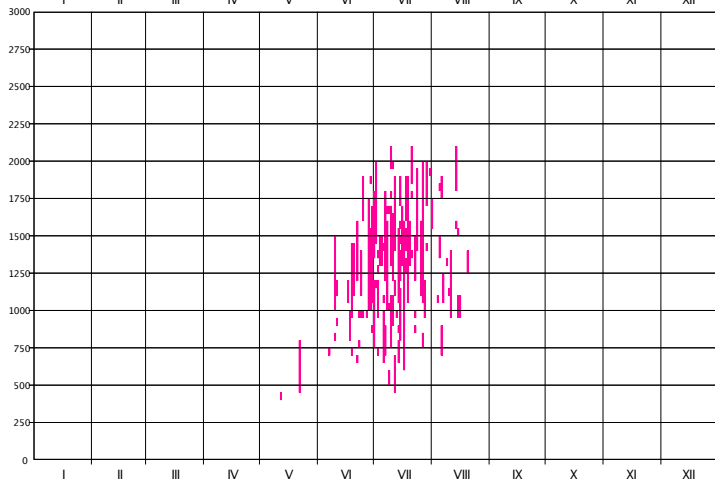
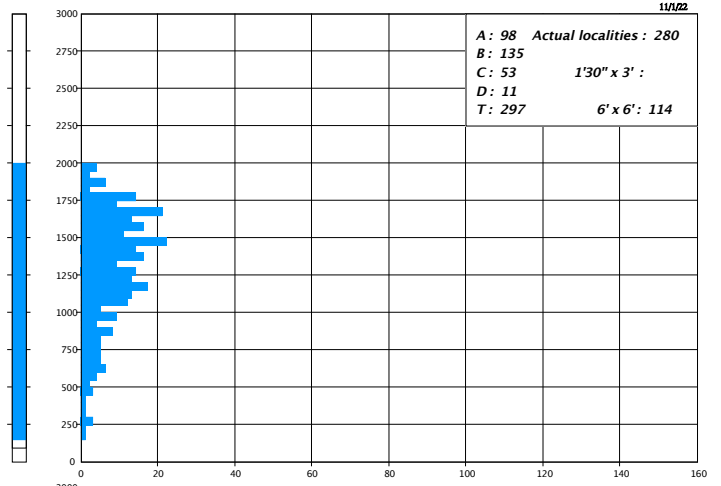
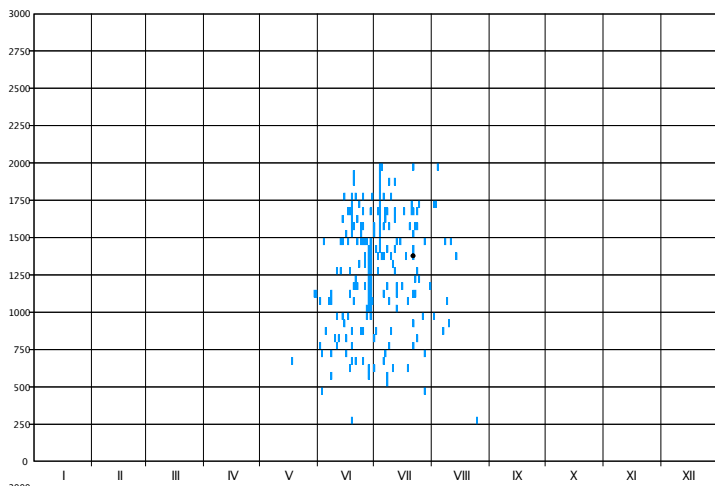
**NYMPHALIDAE *Speyeria aglaja***



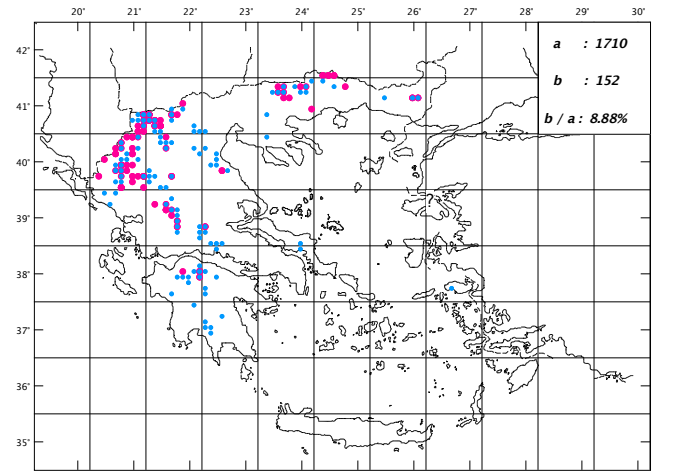


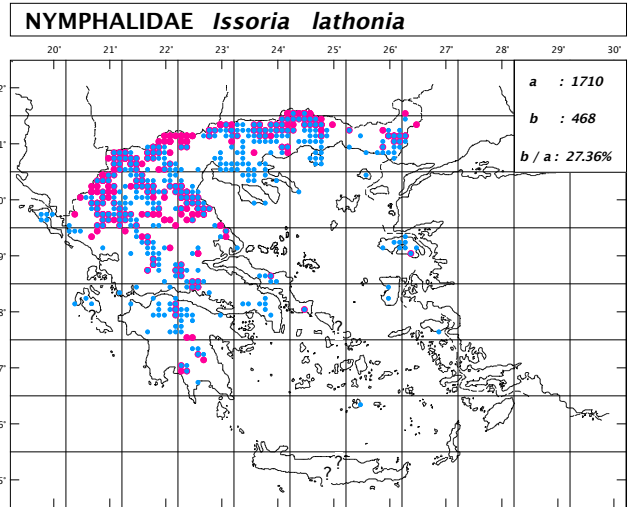
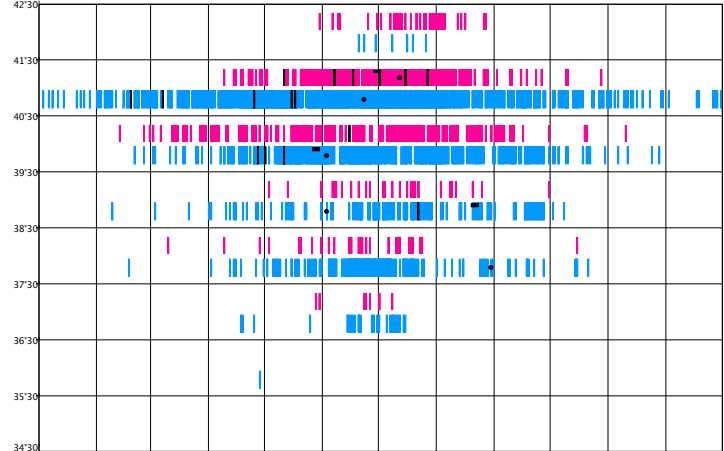
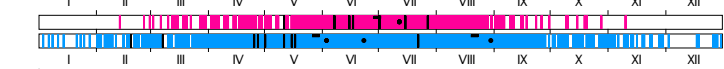
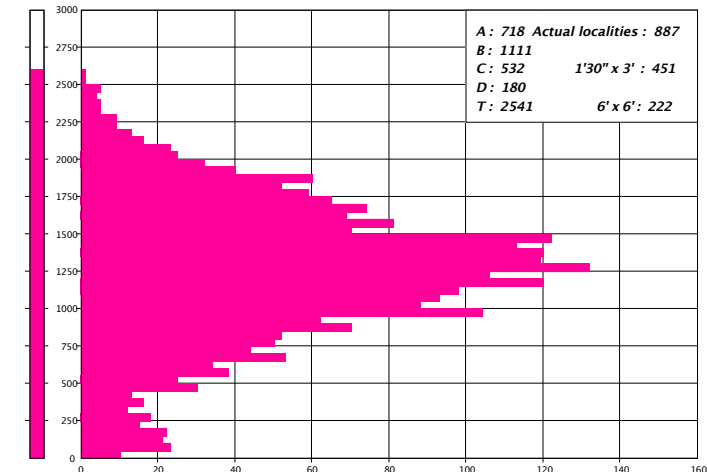
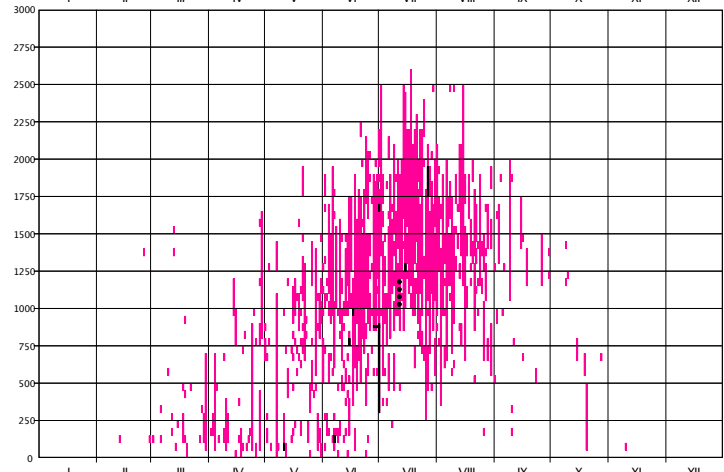
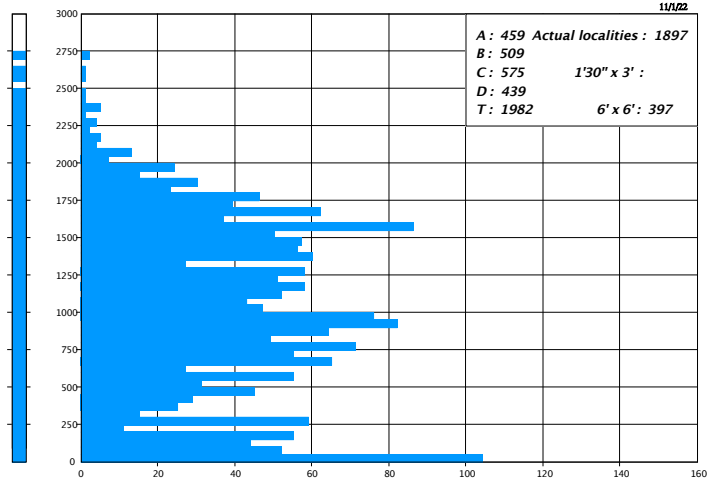
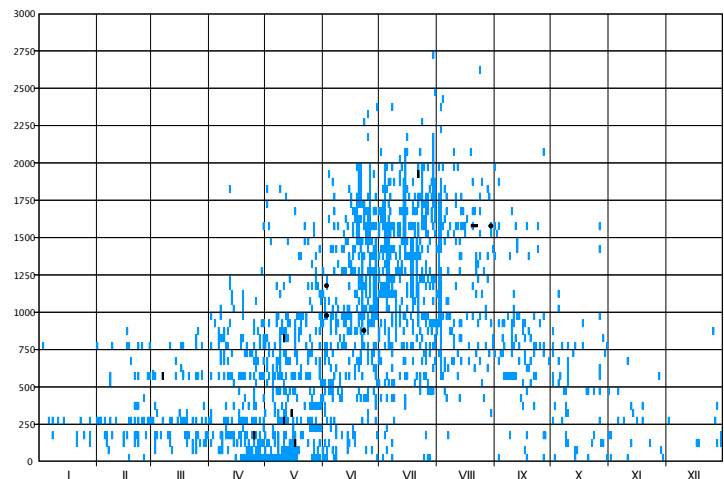
**NYMPHALIDAE *Fabriciana adippe***



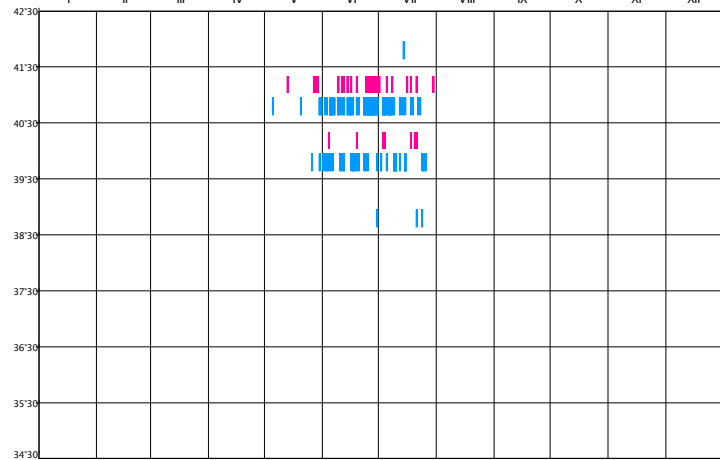
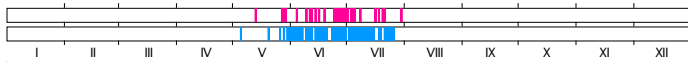
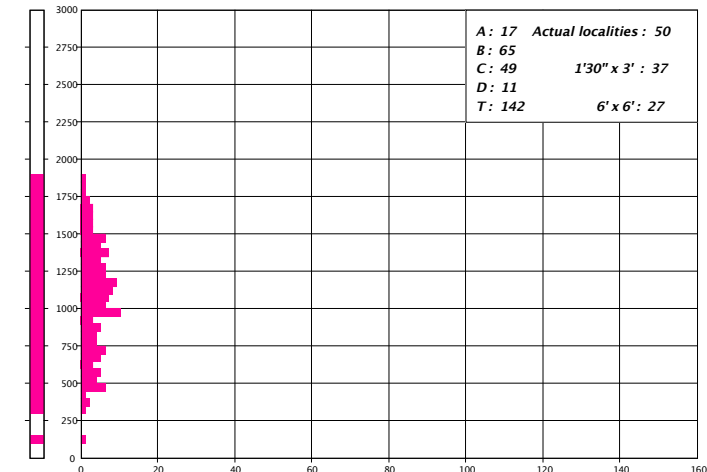
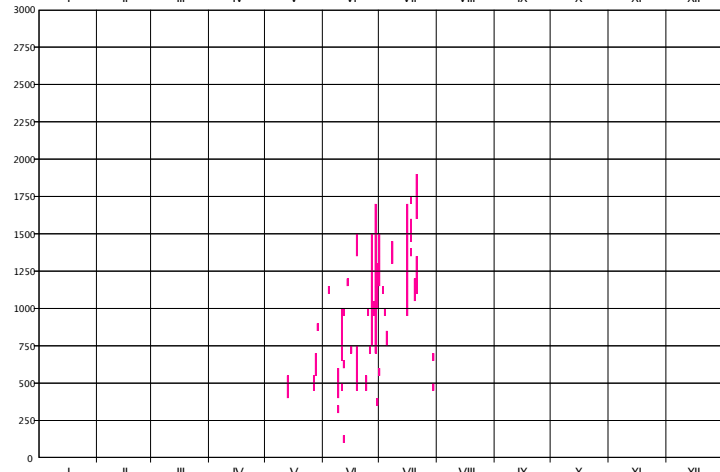
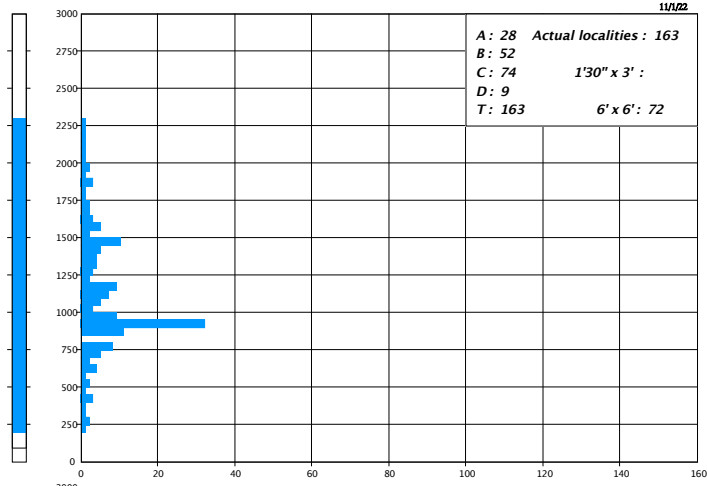
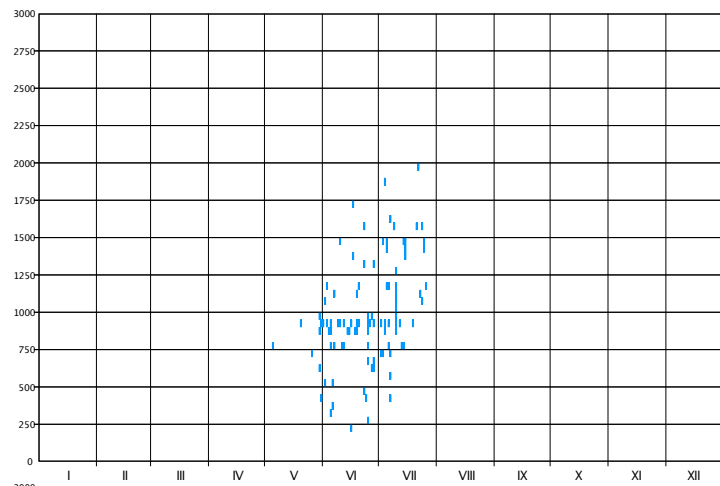


**NYMPHALIDAE *Fabriciana niobe***

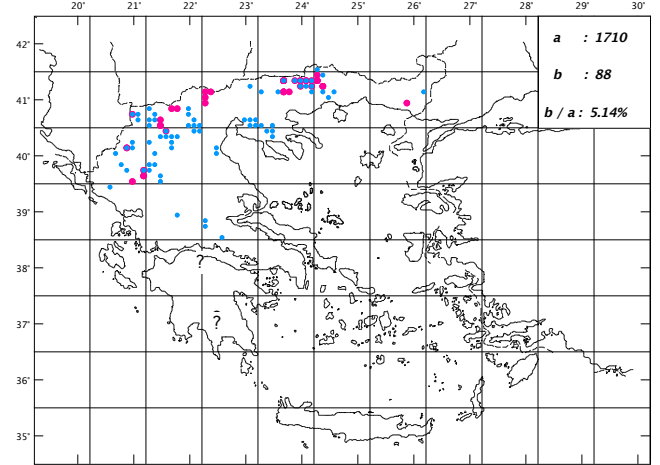


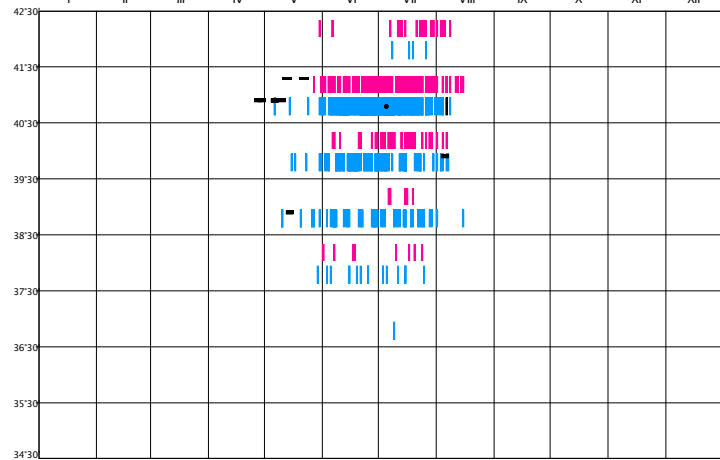
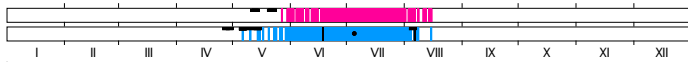
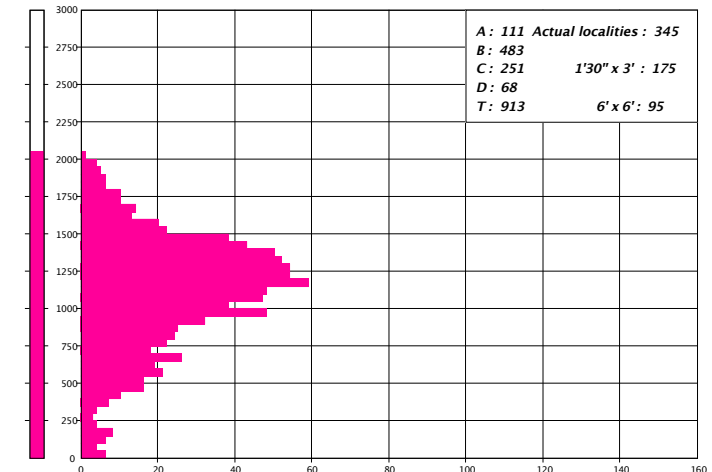
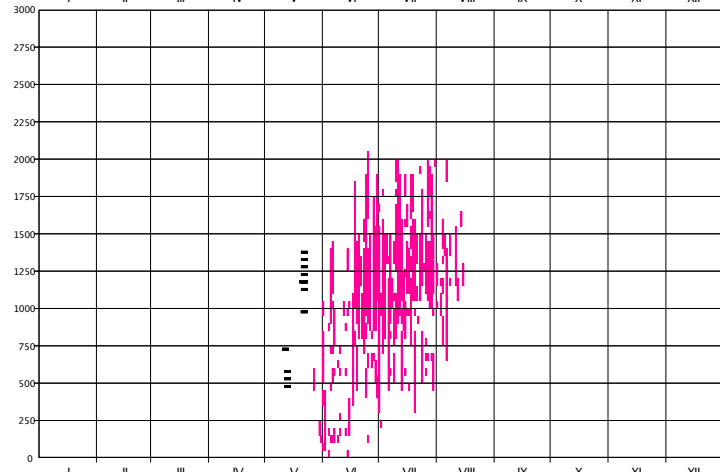
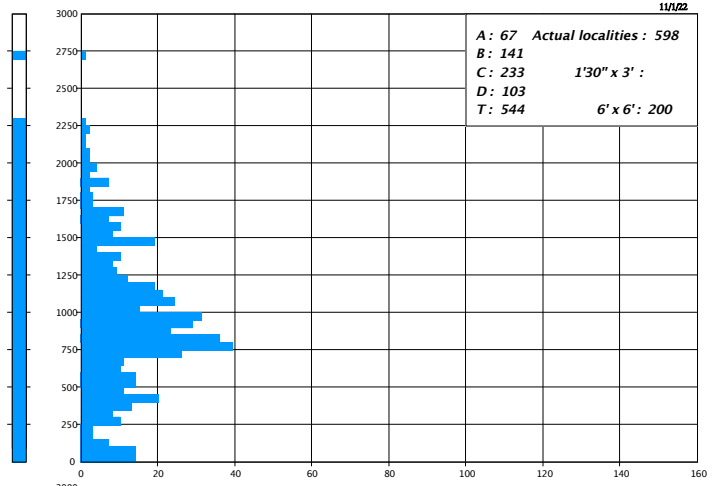
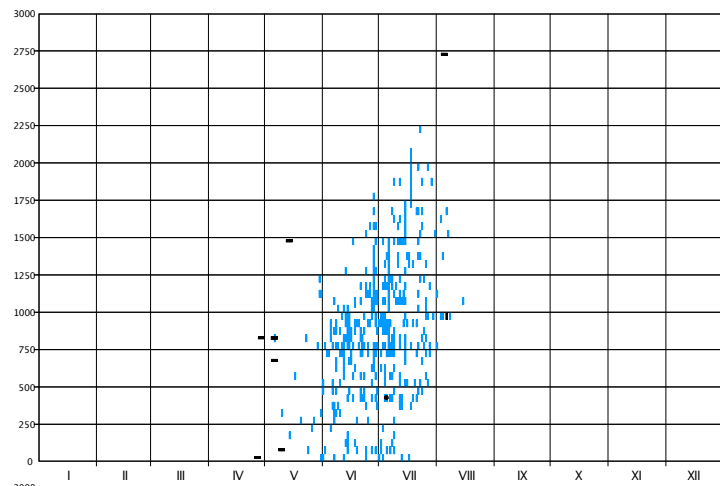




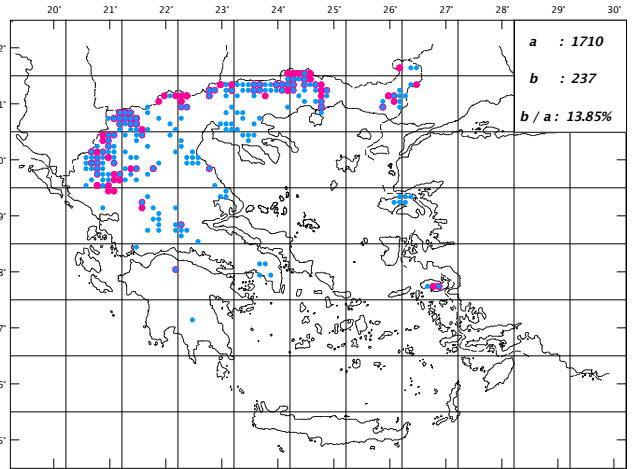


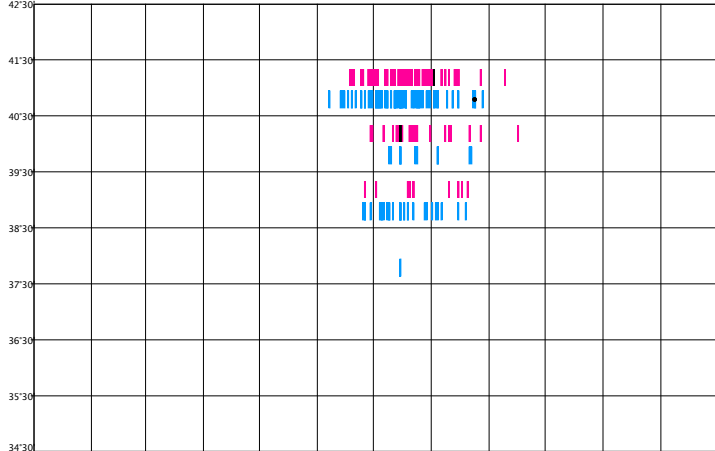
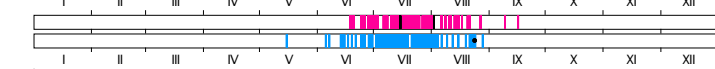
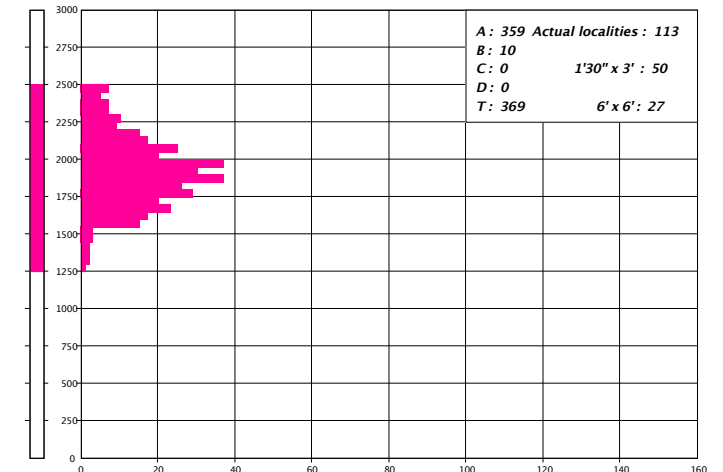
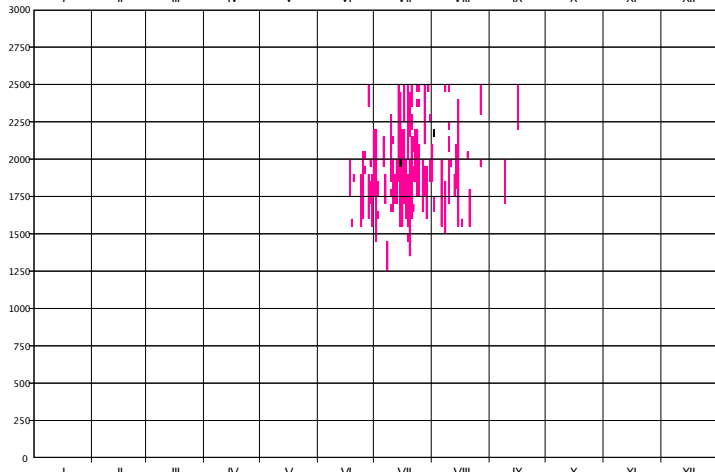
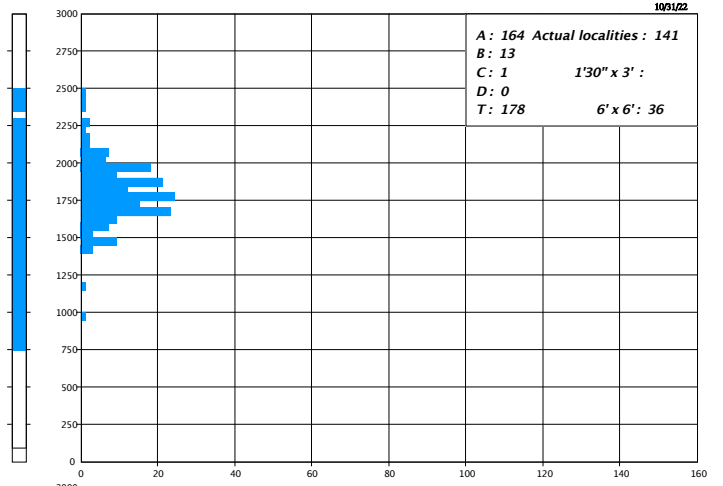
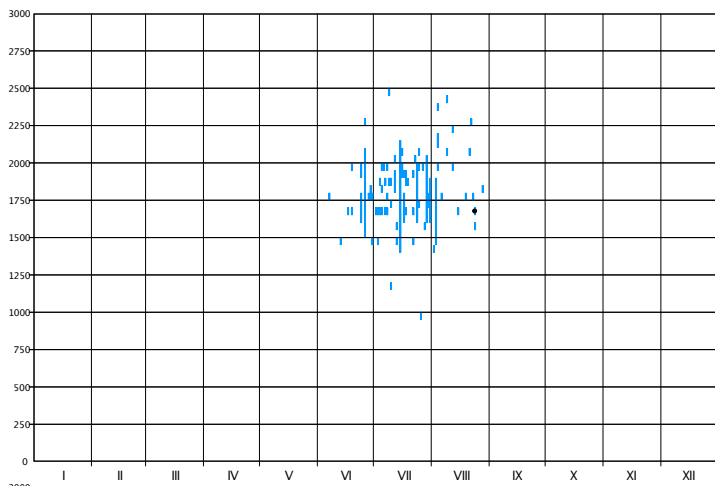
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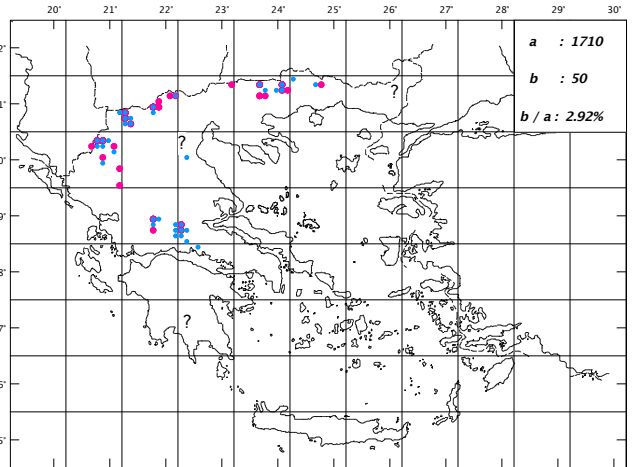


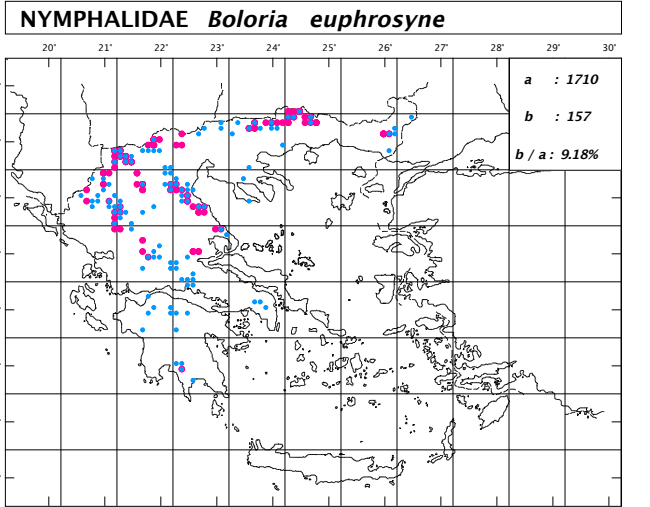
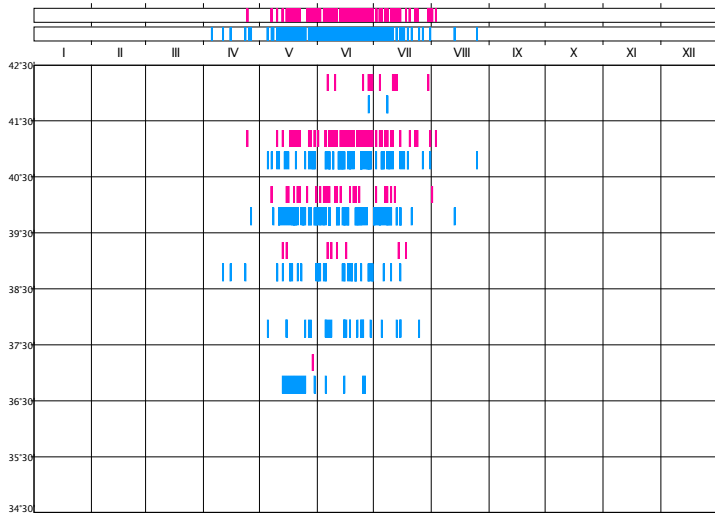
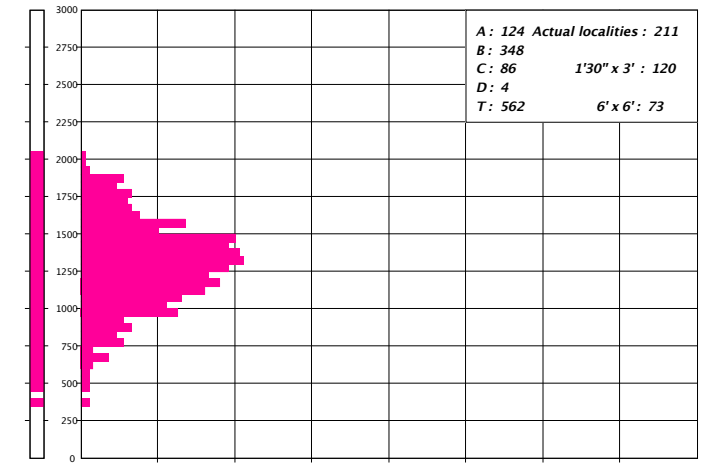
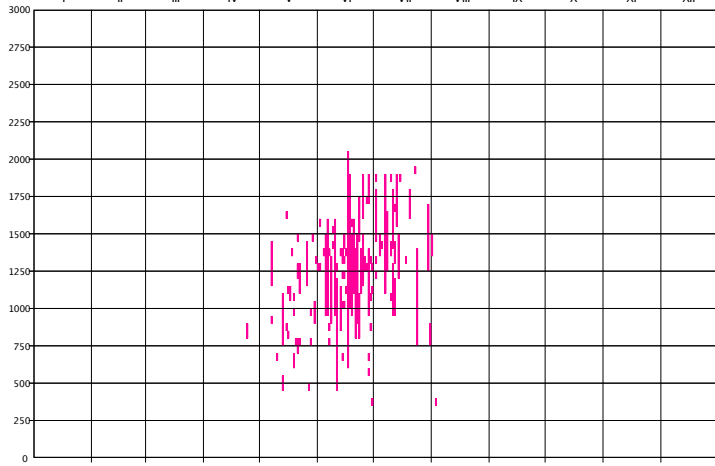
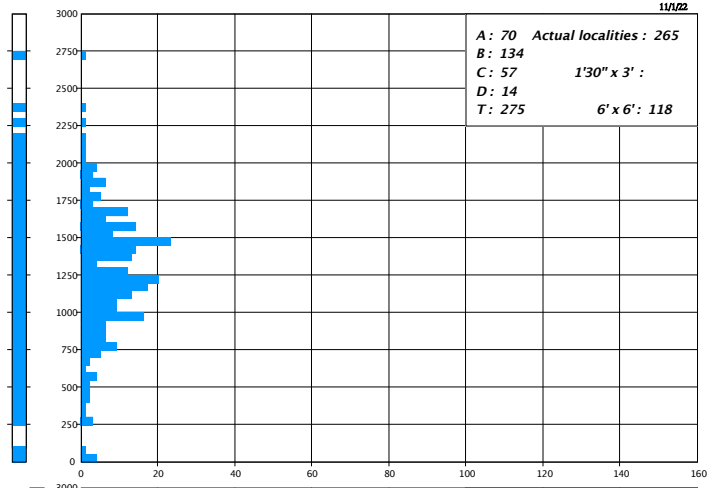
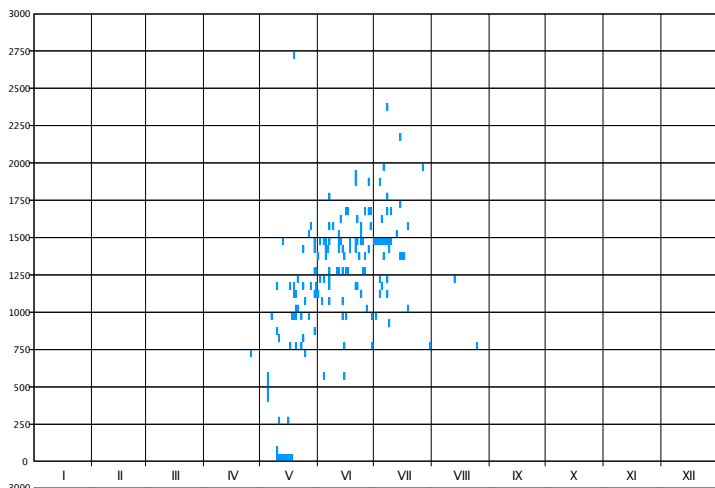
**NYMPHALIDAE *Brenthis daphne***

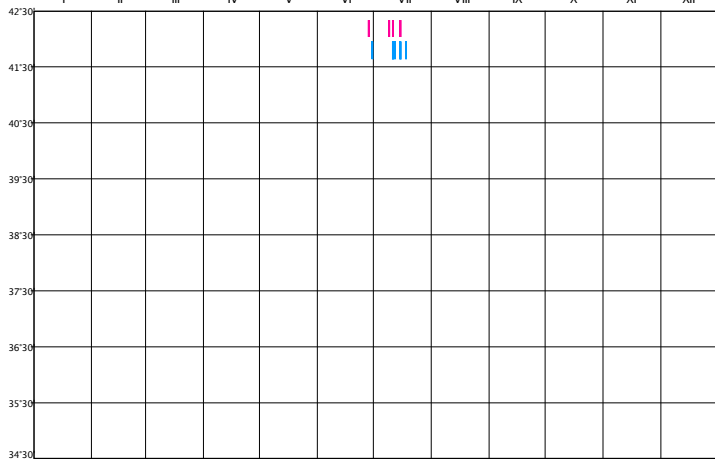
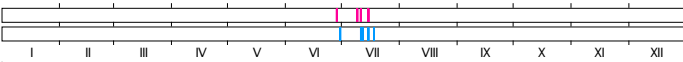
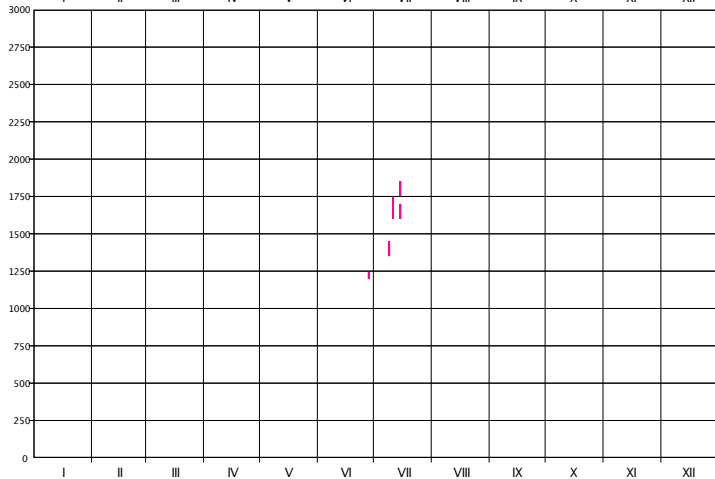
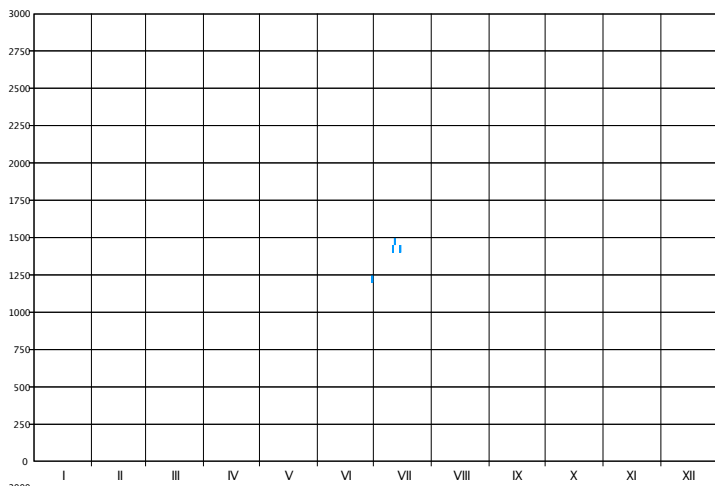




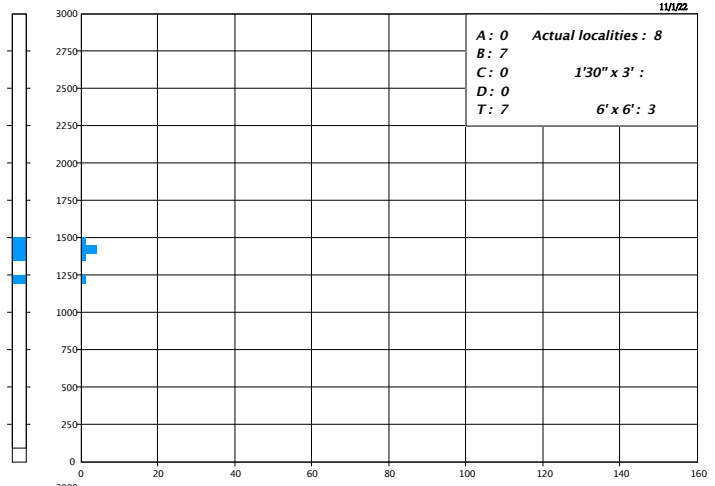
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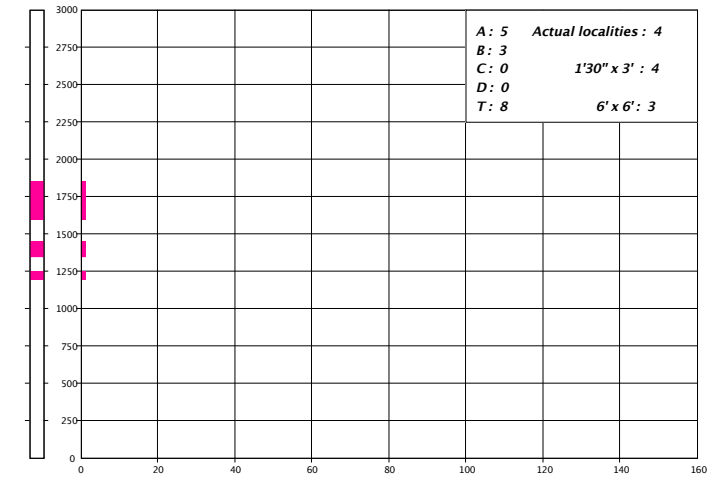




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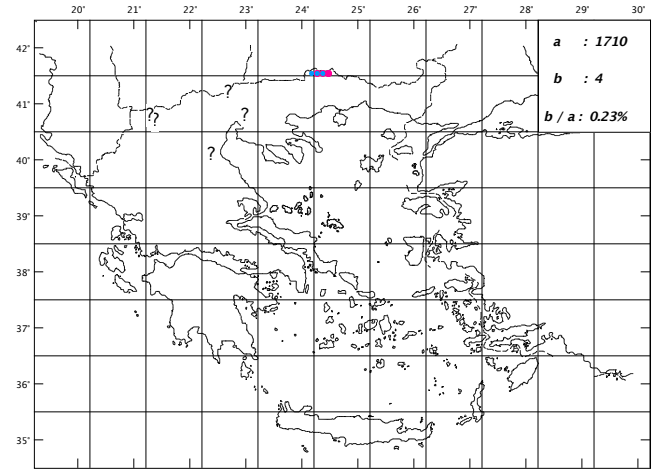


A : 0 Actual localities : 8  
 B : 7  
 C : 0 1'30" x 3' :  
 D : 0  
 T : 7 6' x 6' : 3

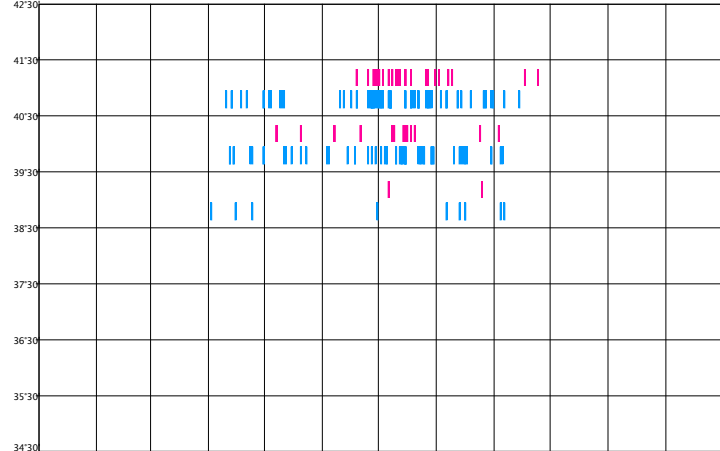
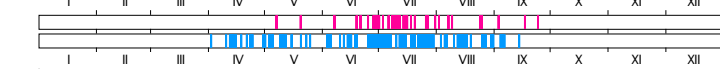
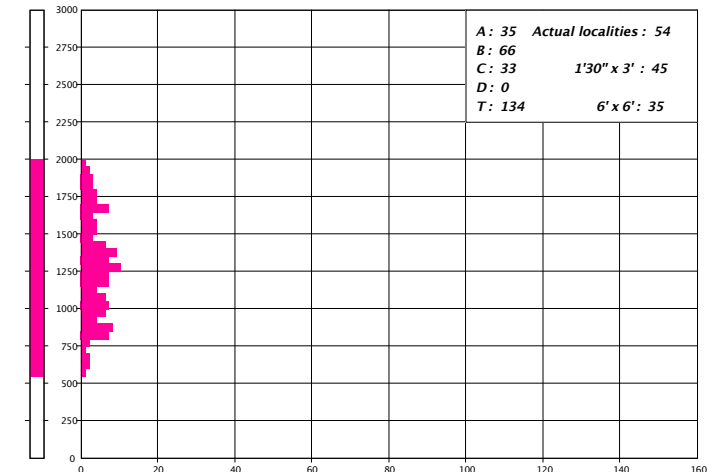
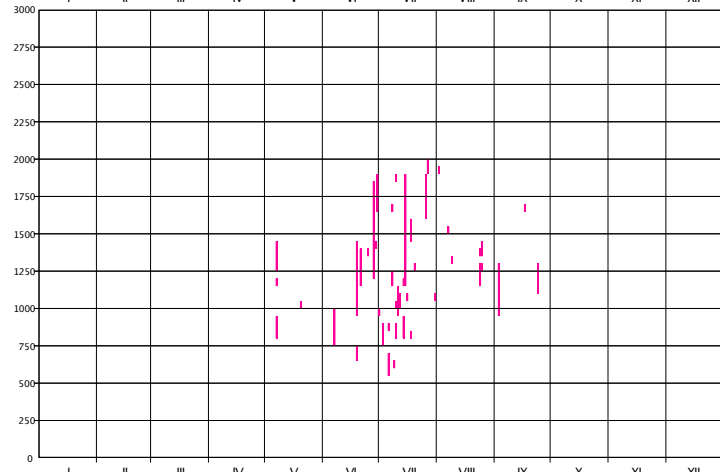
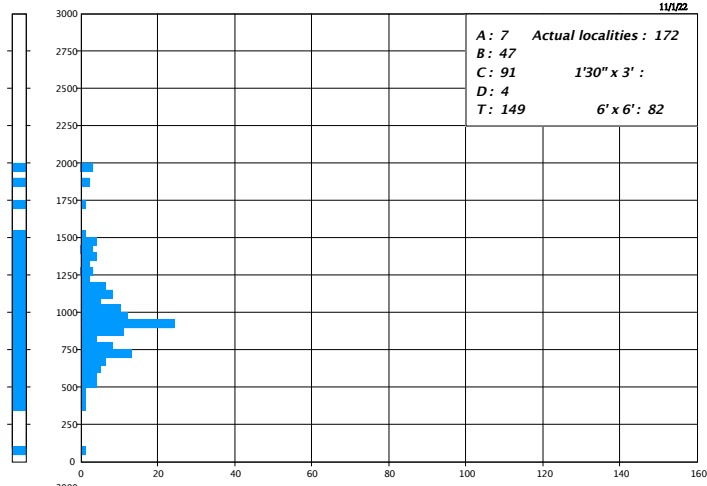
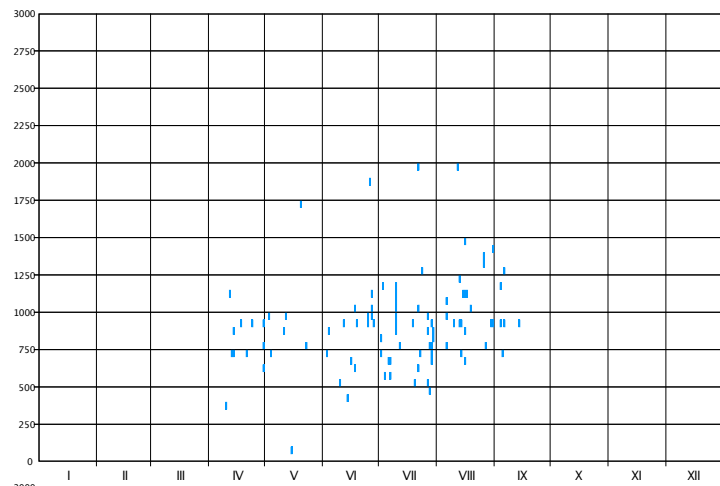


A : 5 Actual localities : 4  
 B : 3  
 C : 0 1'30" x 3' : 4  
 D : 0  
 T : 8 6' x 6' : 3

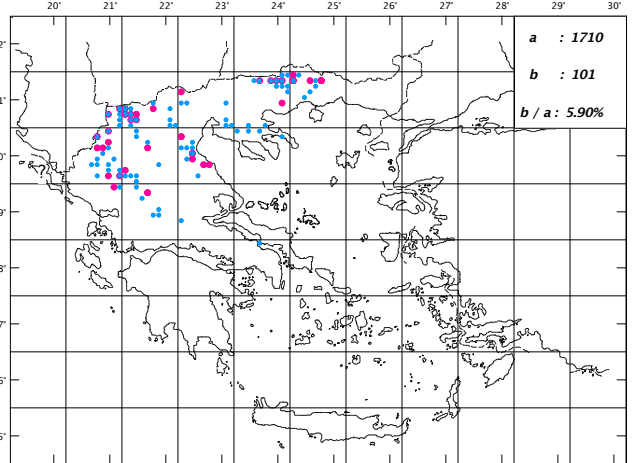
**Nymphalidae *Boloria selene***

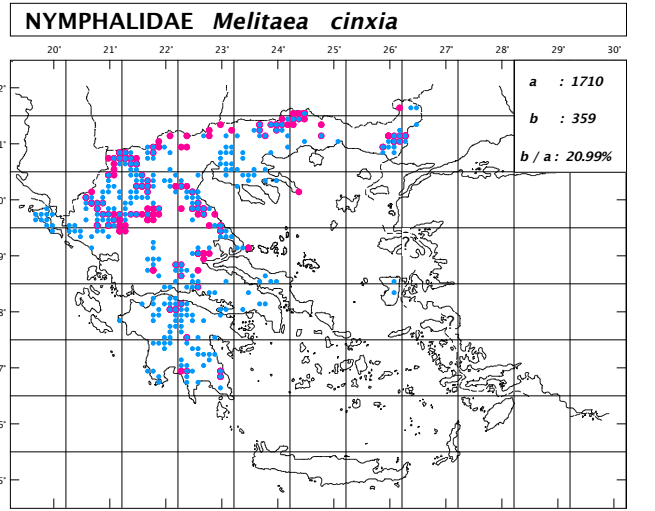
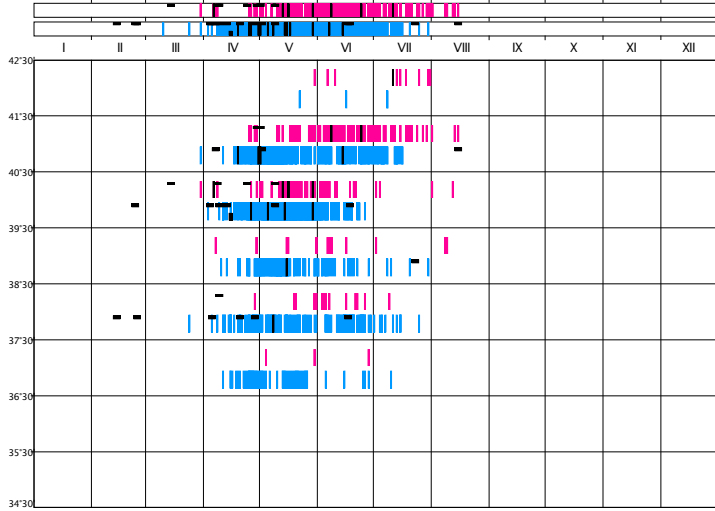
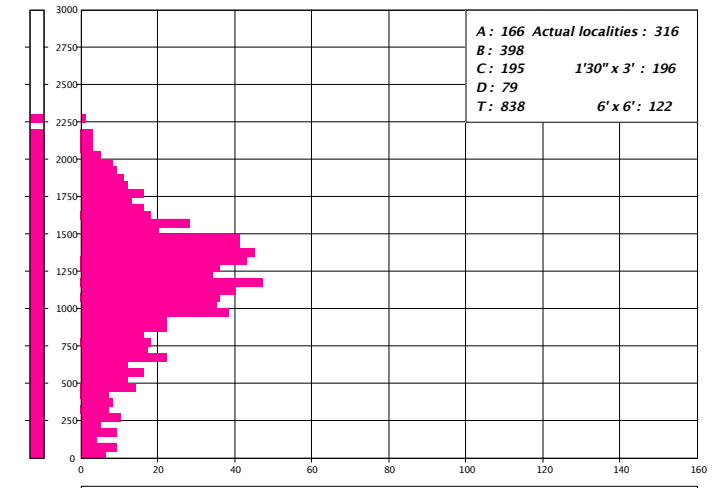
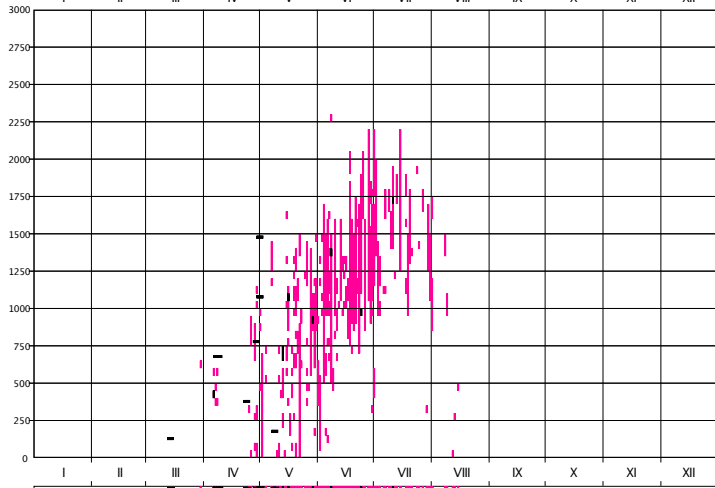
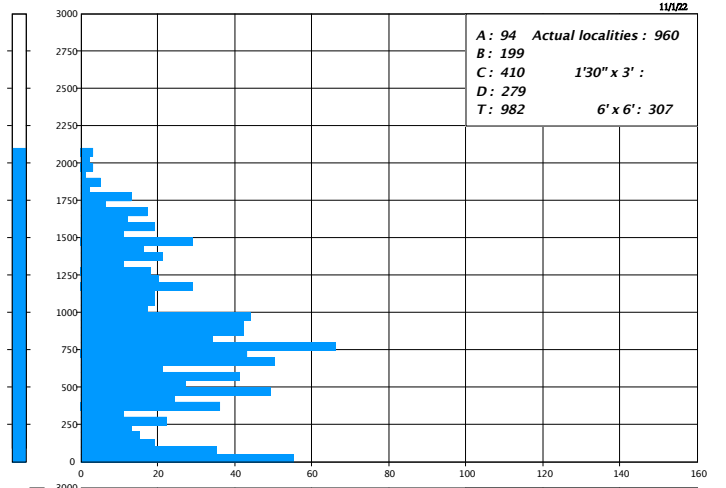
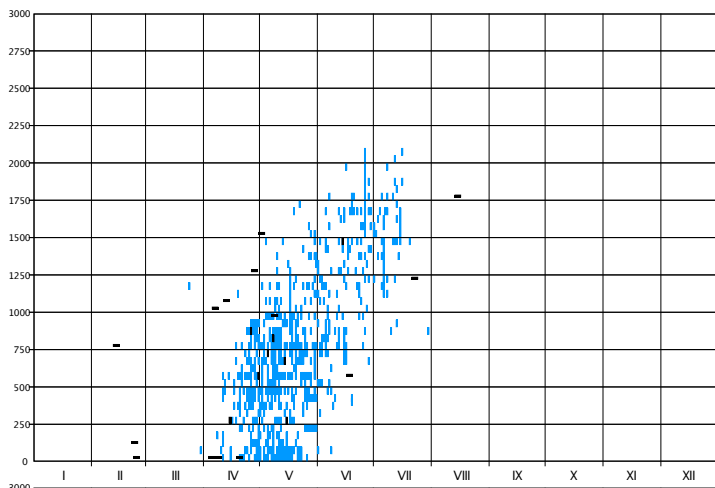


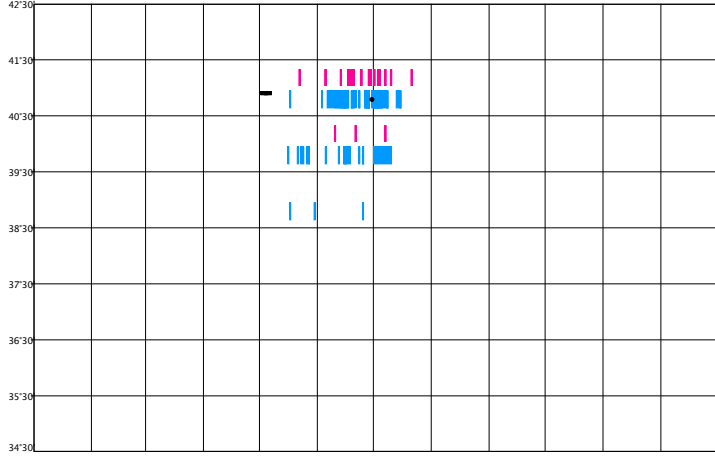
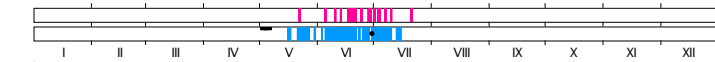
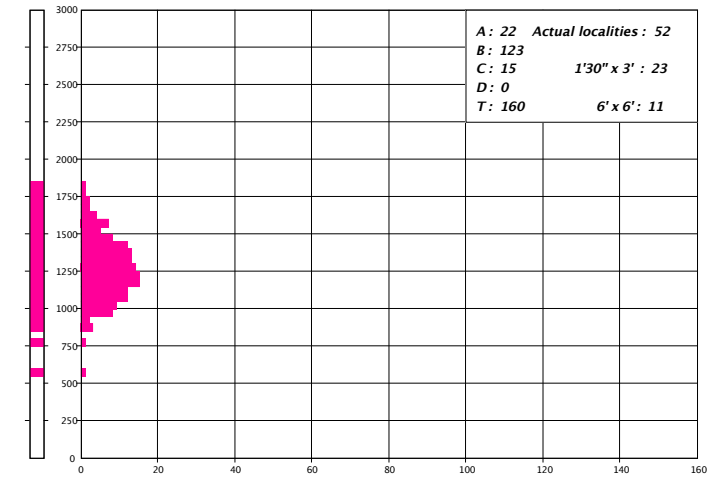
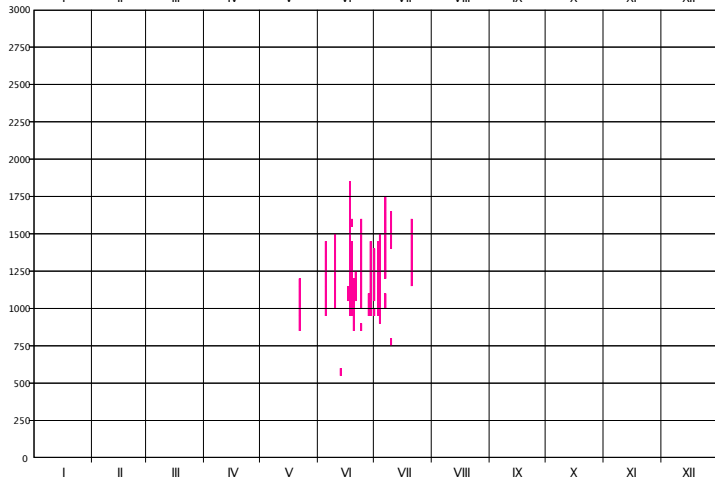
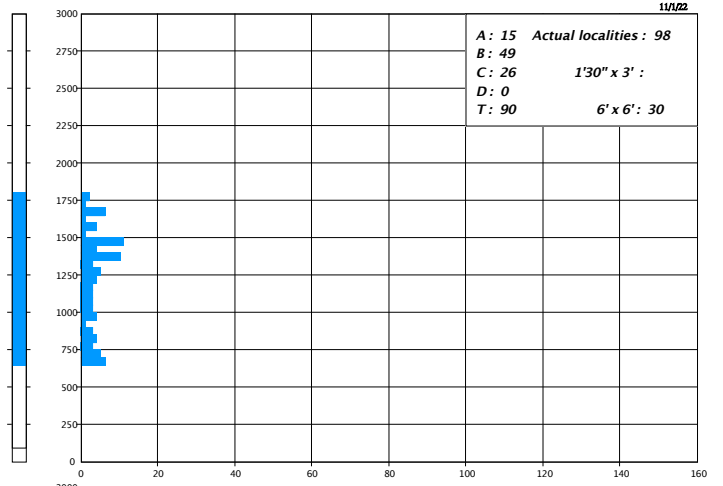
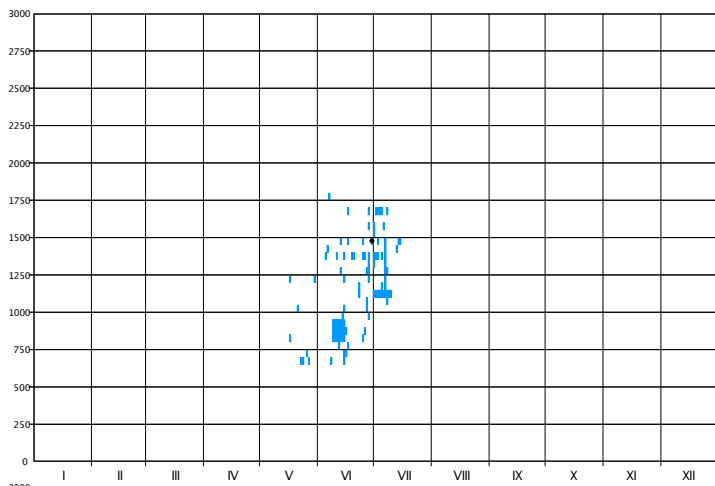
a : 1710  
 b : 4  
 b / a : 0.23%



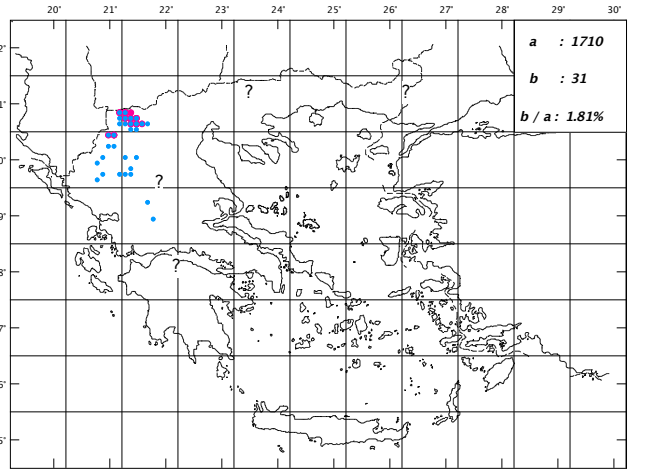
**NYMPHALIDAE *Boloria dia***



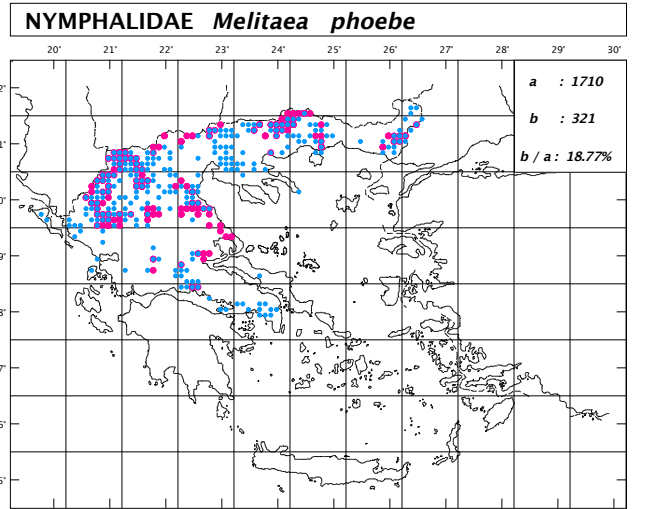
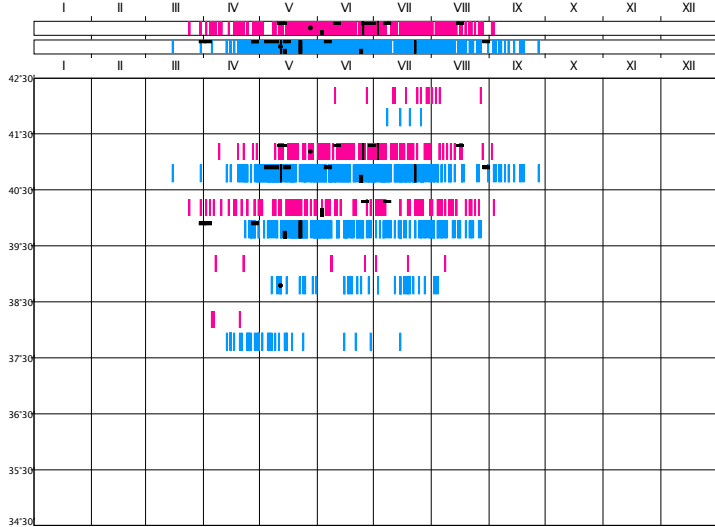
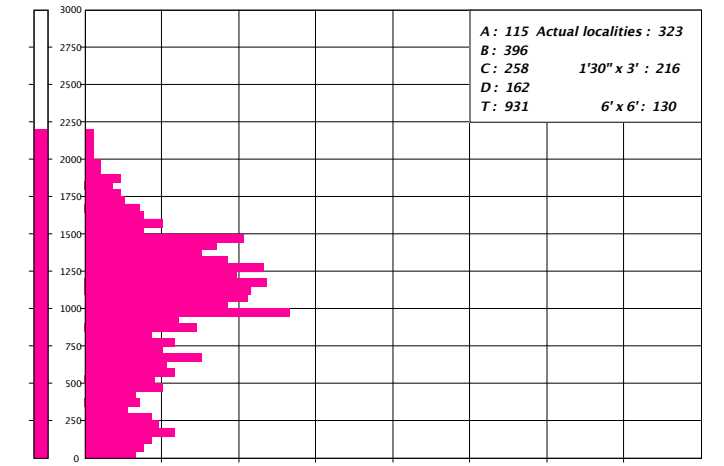
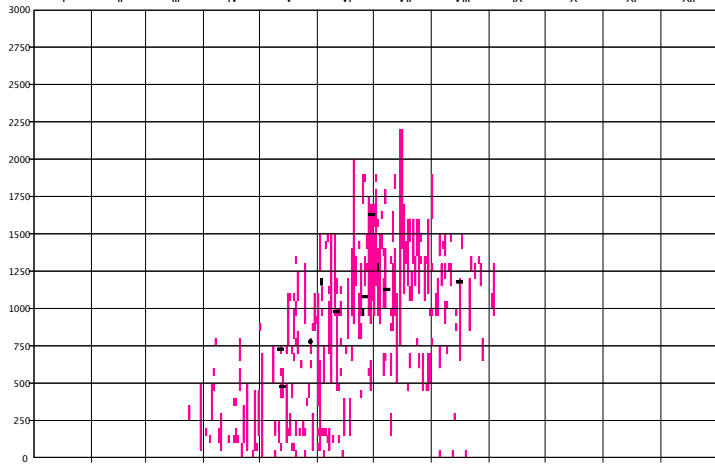
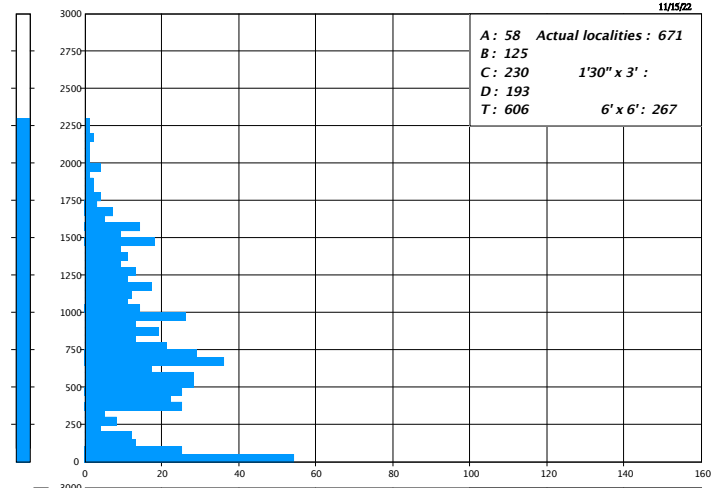
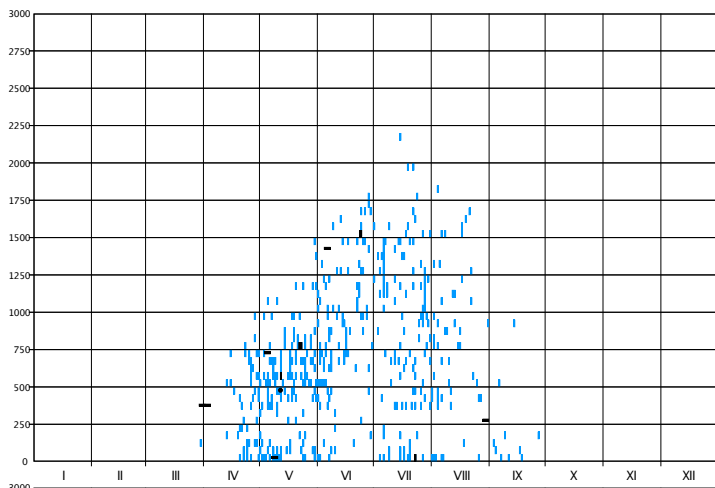




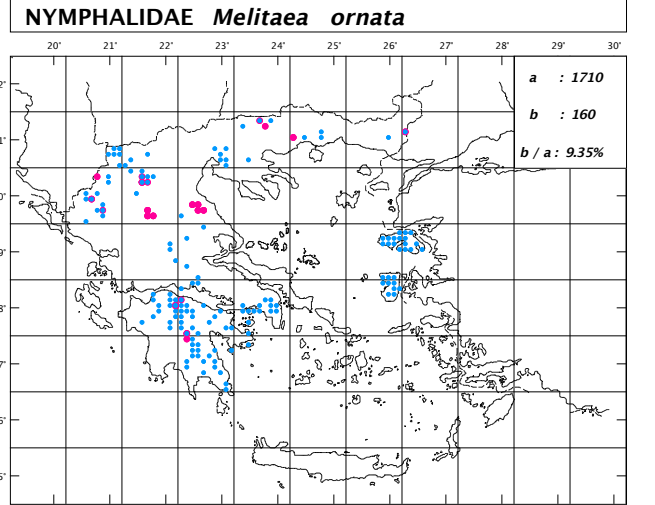
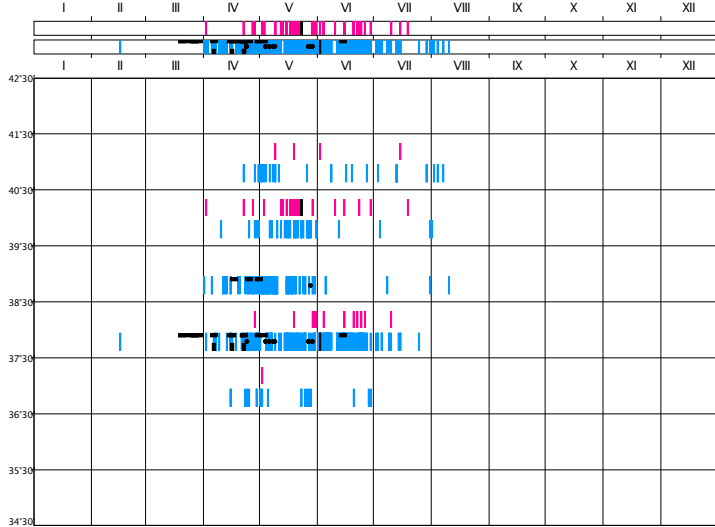
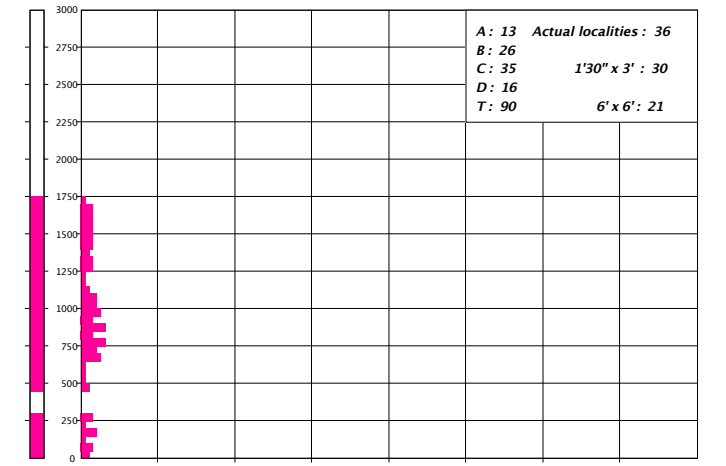
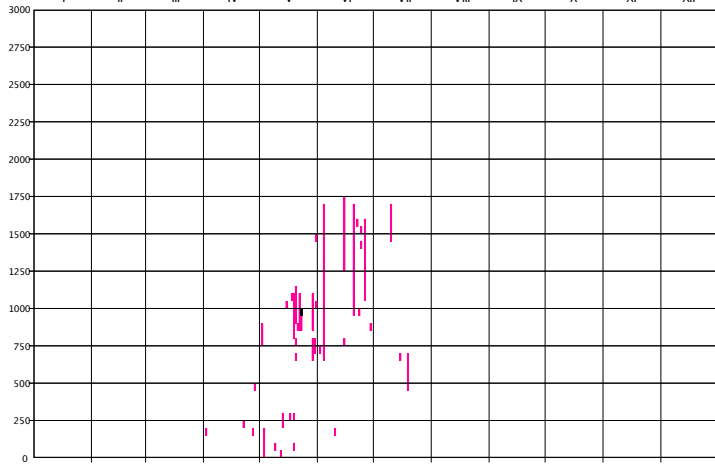
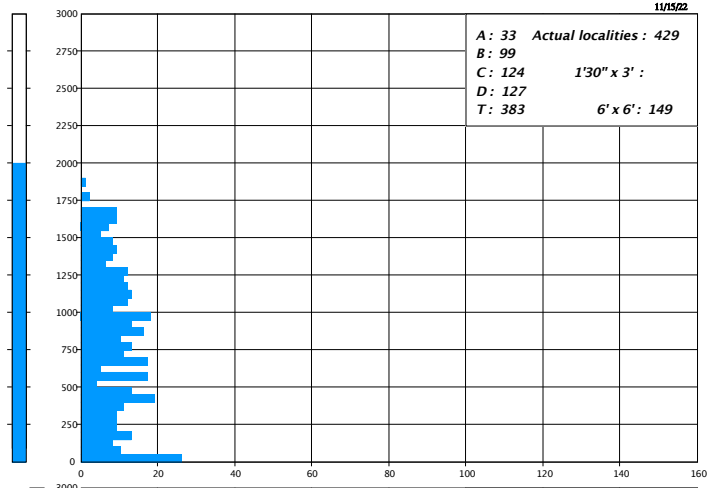
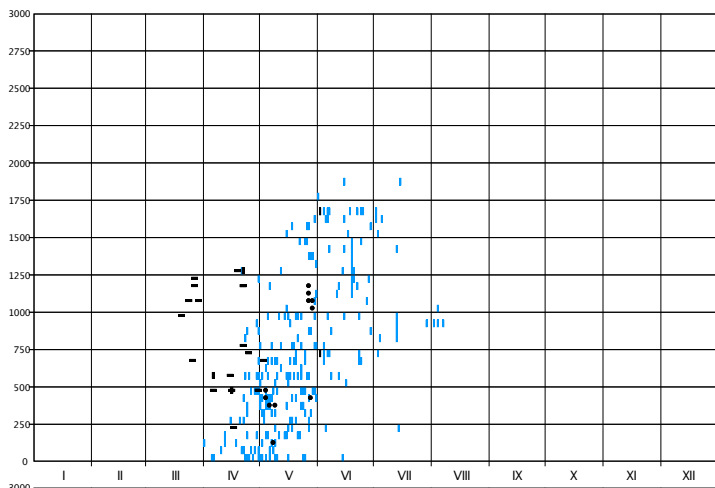
**NYMPHALIDAE *Melitaea arduinna***



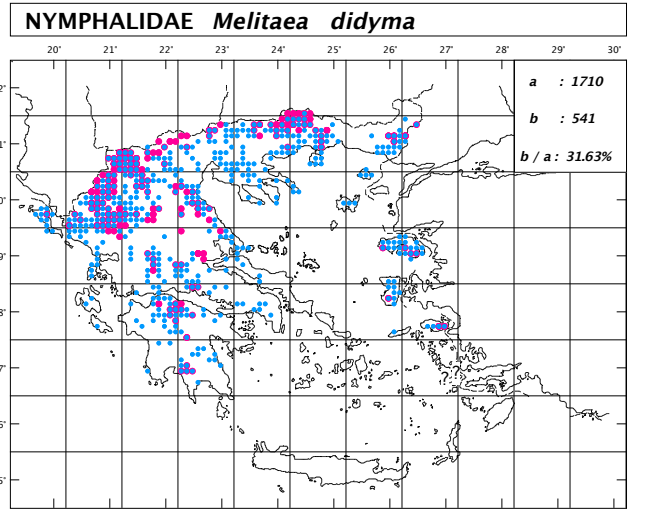
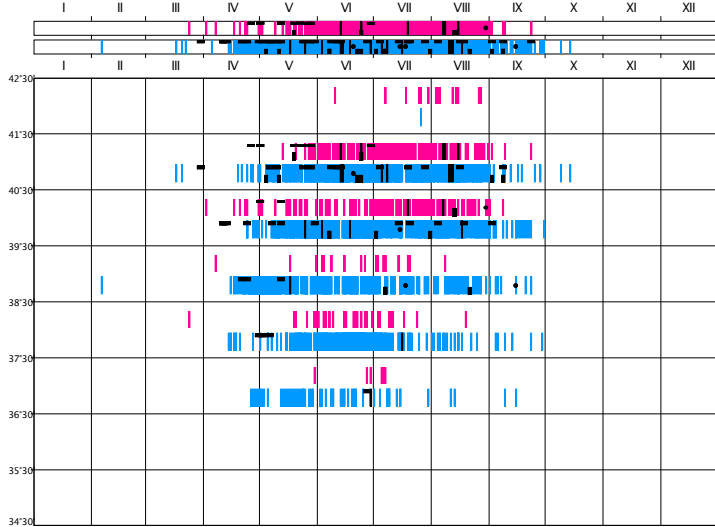
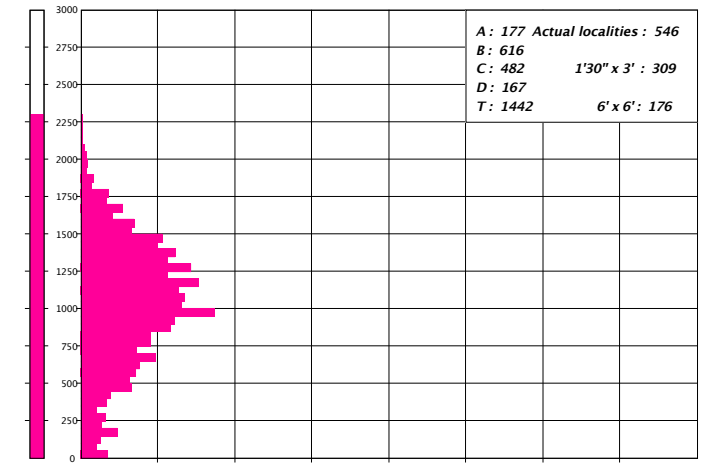
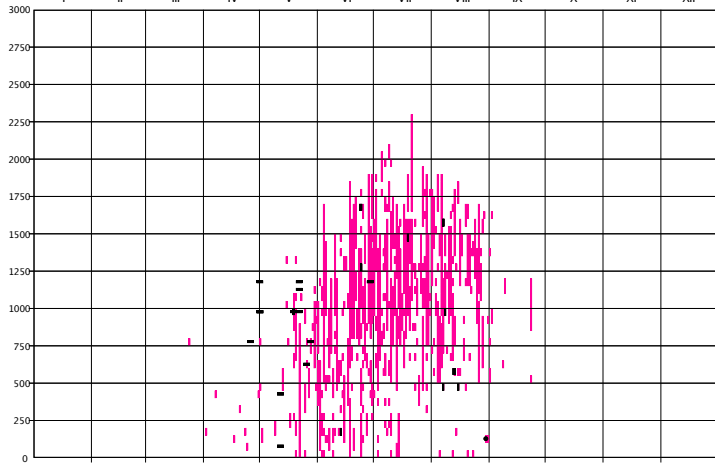
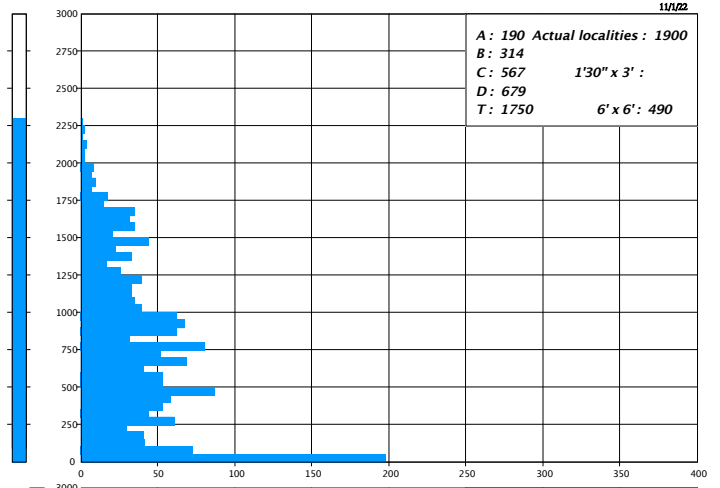
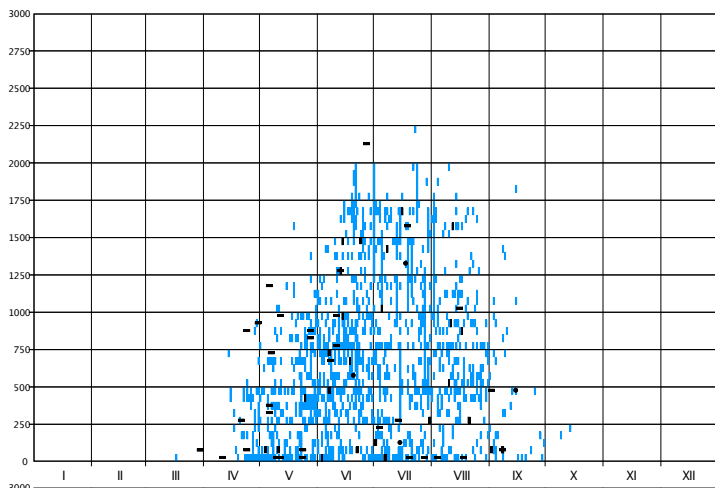




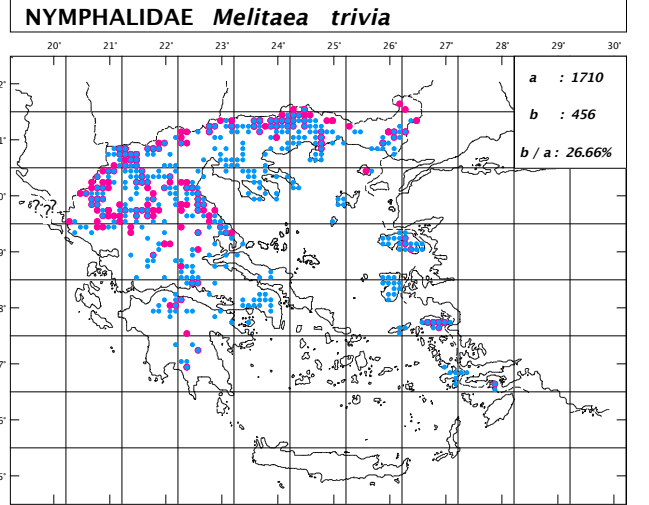
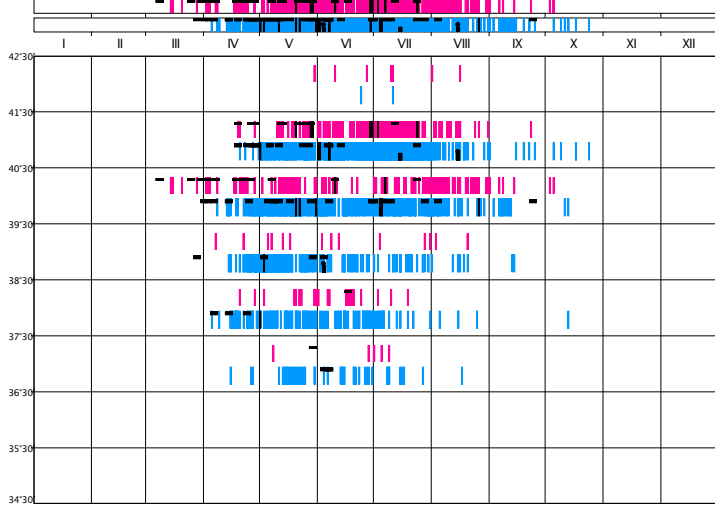
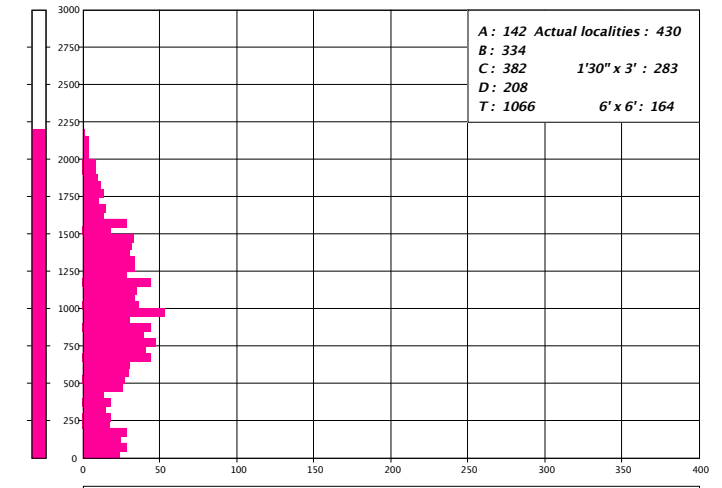
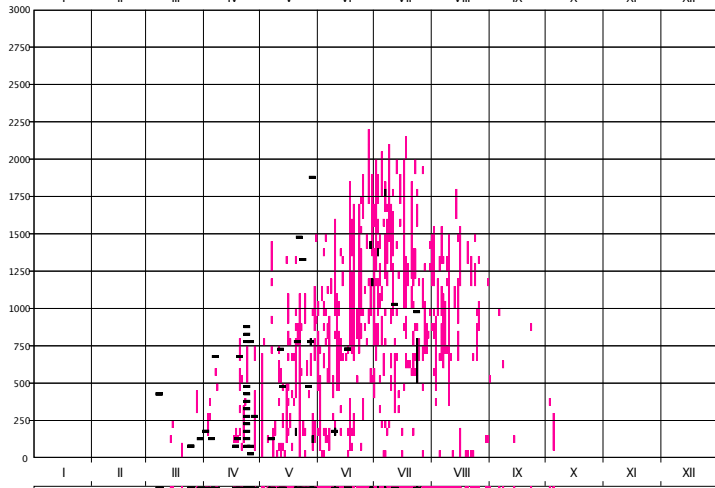
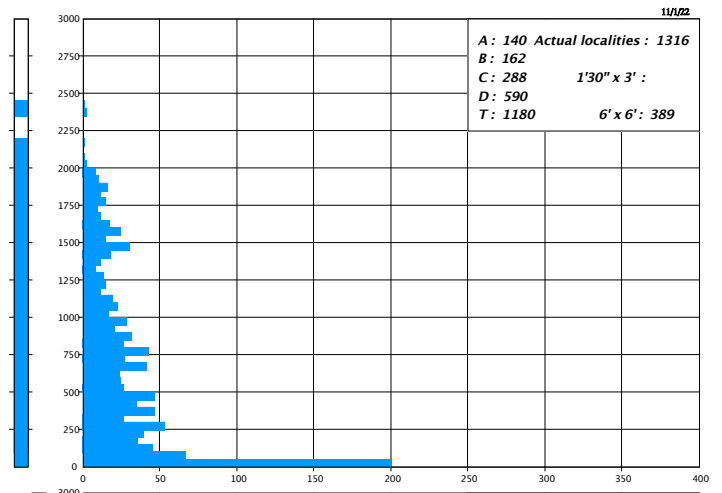
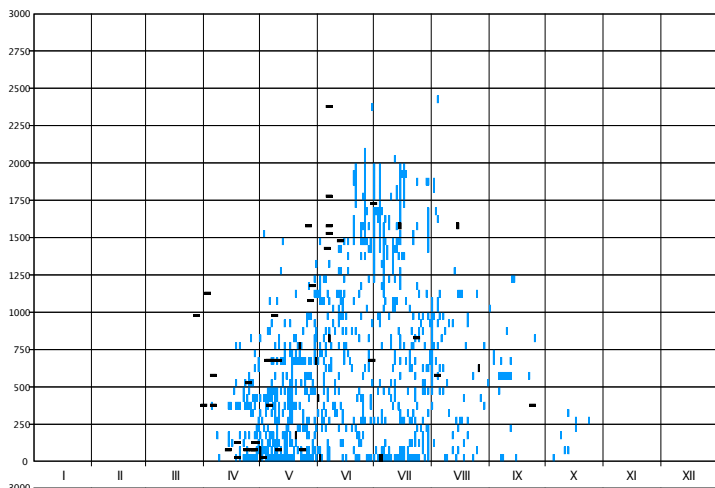
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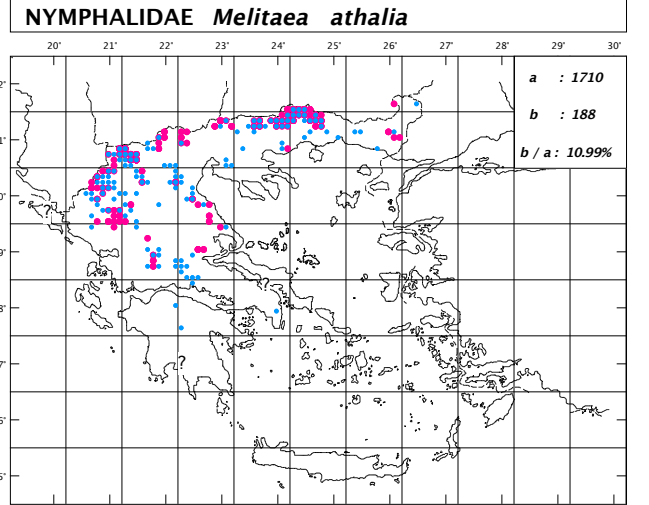
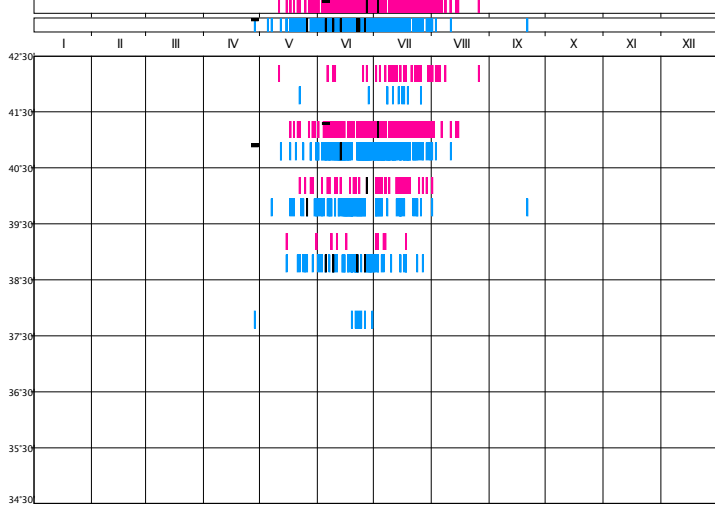
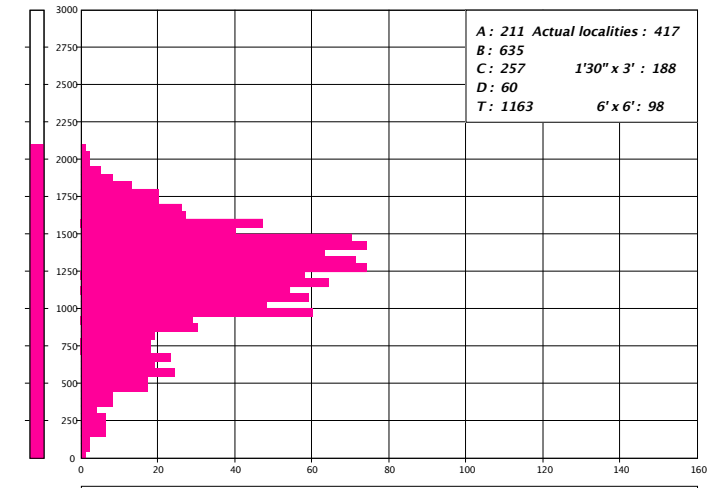
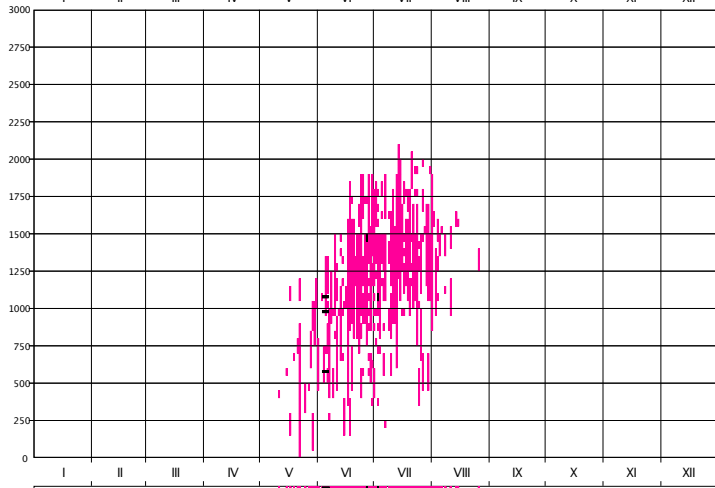
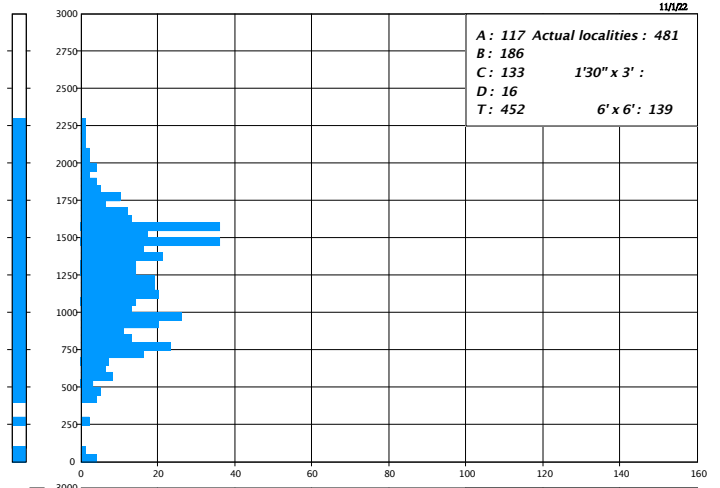
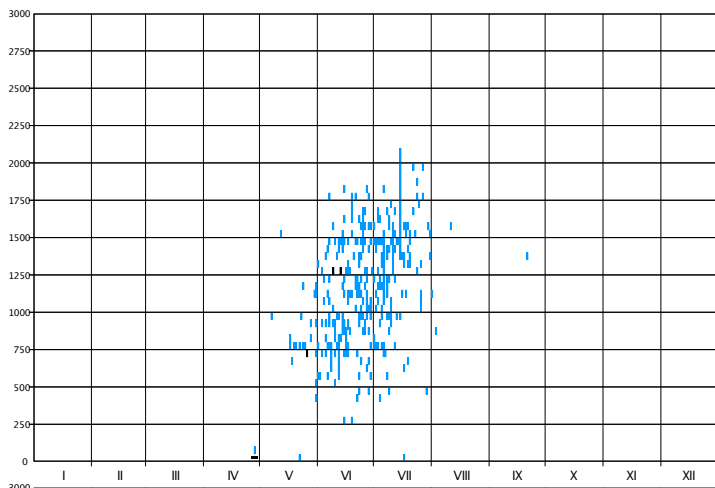
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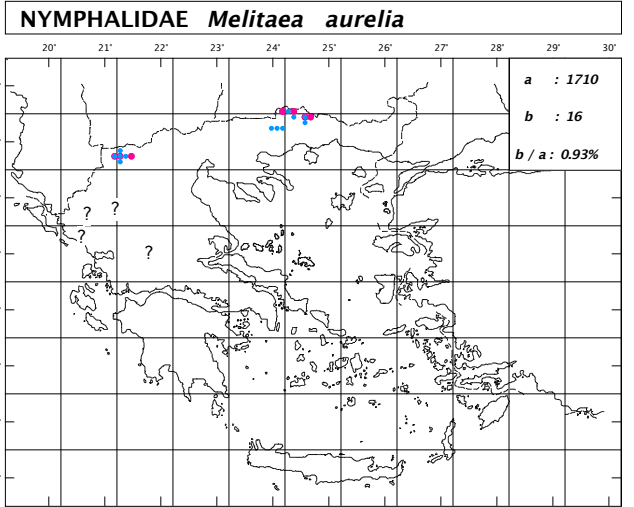
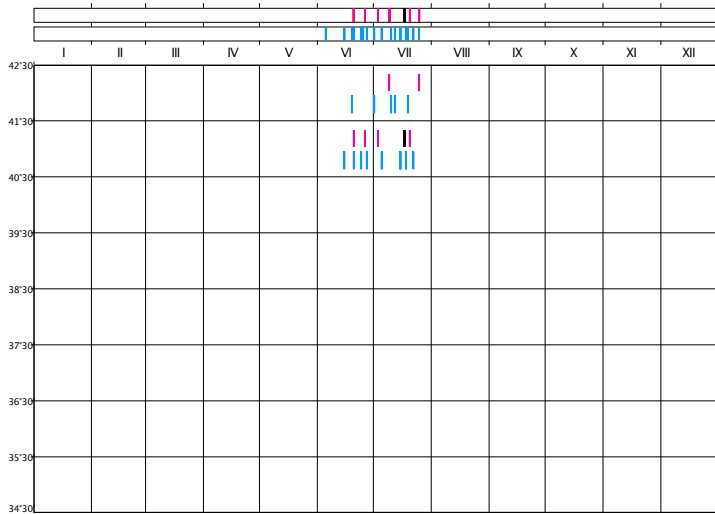
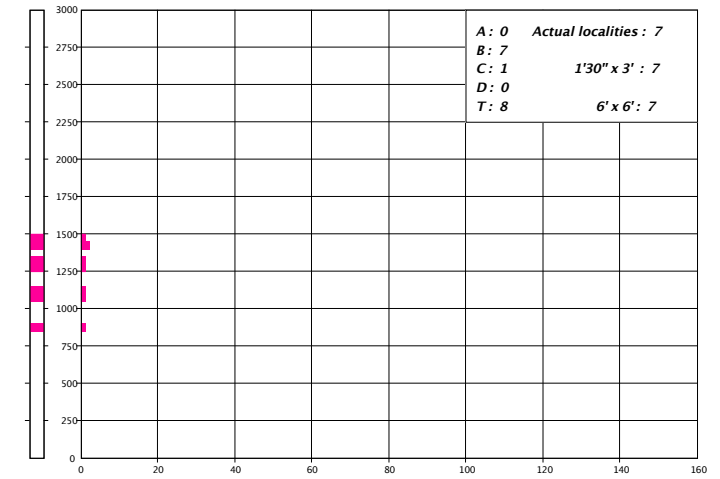
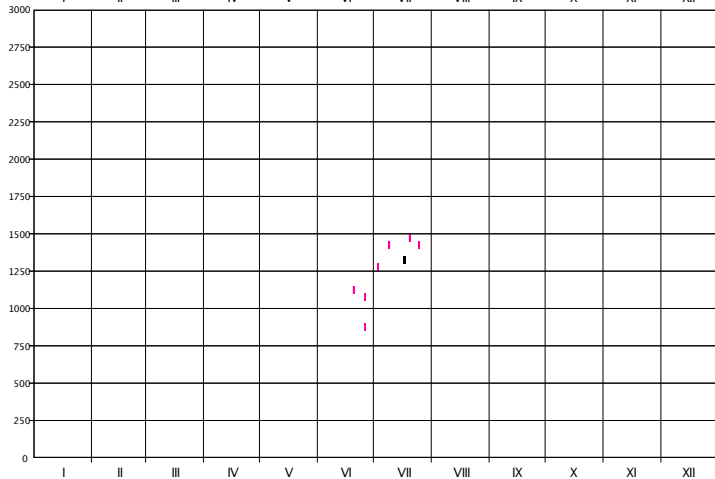
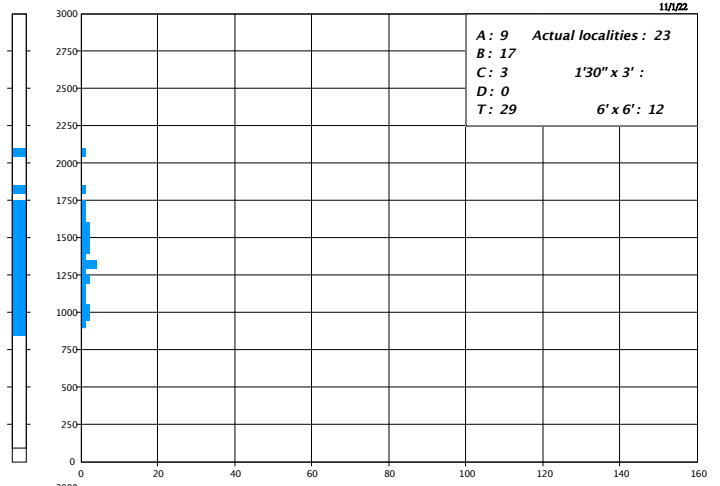
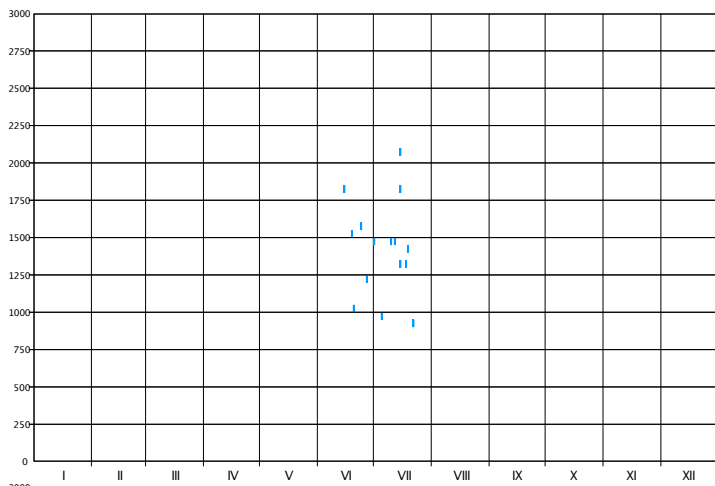
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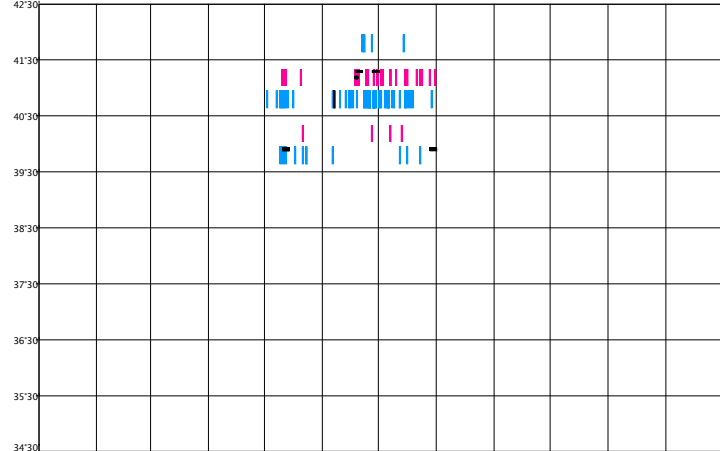
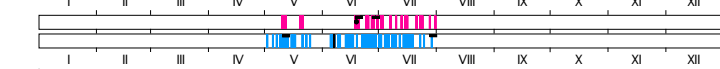
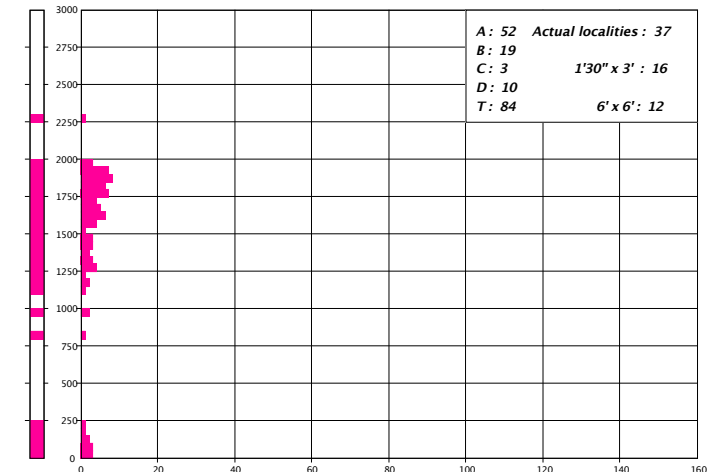
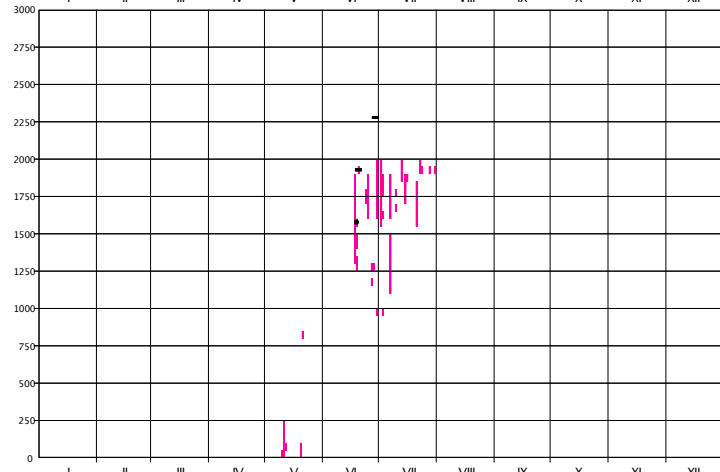
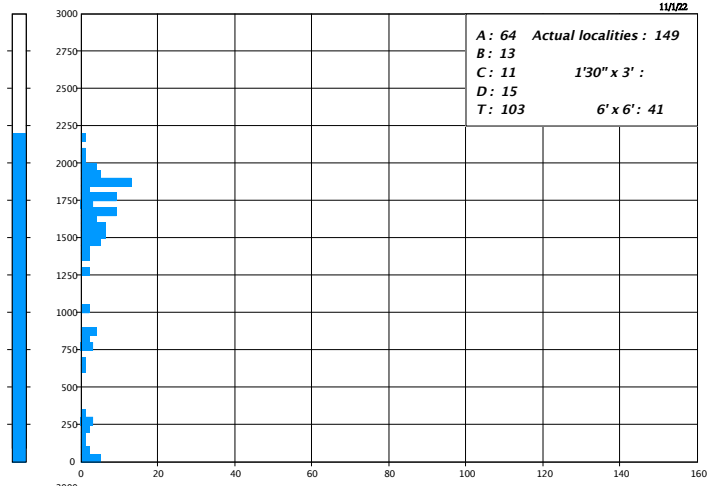
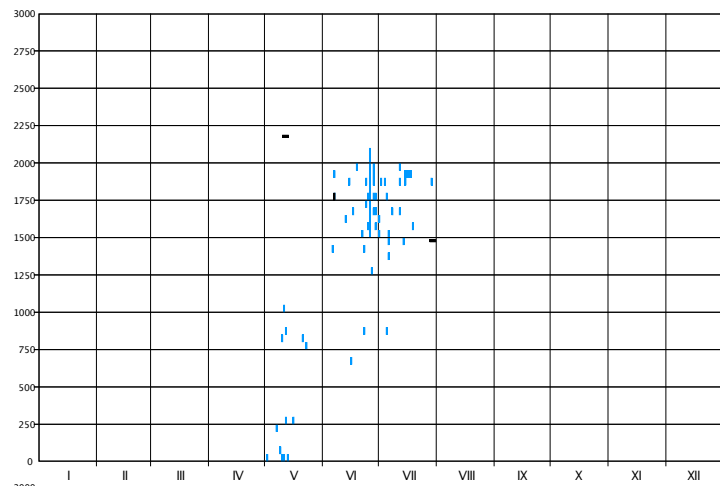


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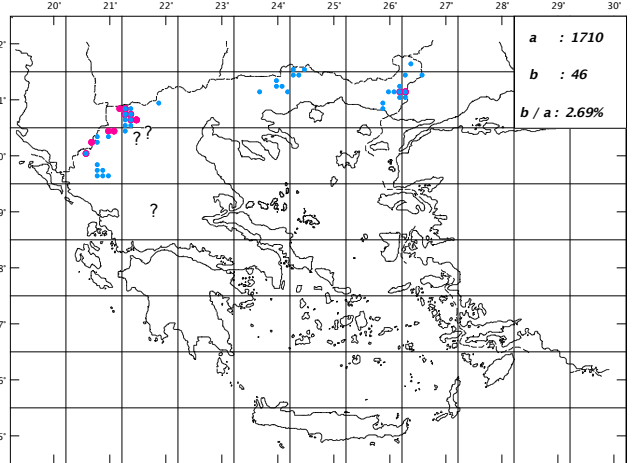


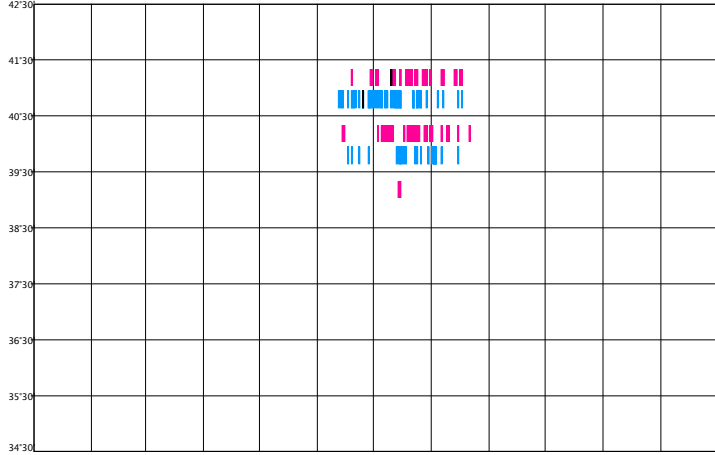
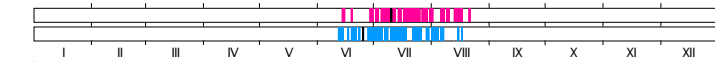
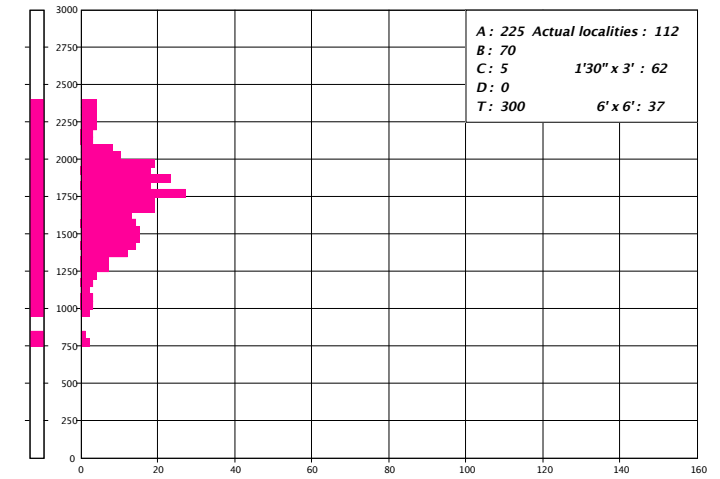
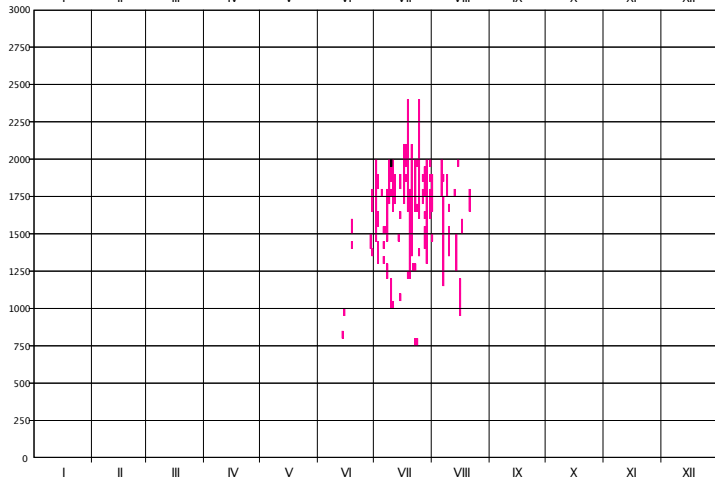
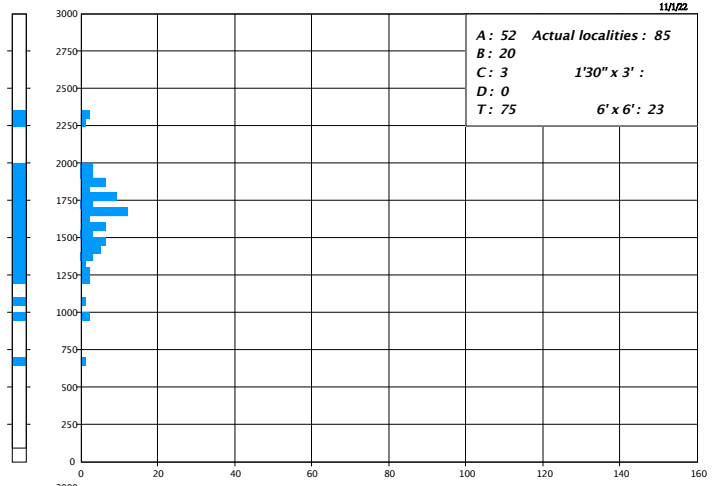
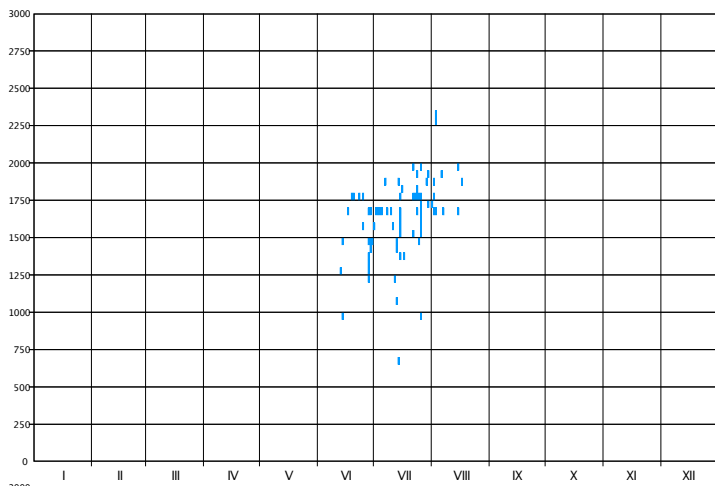
Αμφίβολη αναγνώριση / Identification Uncertain

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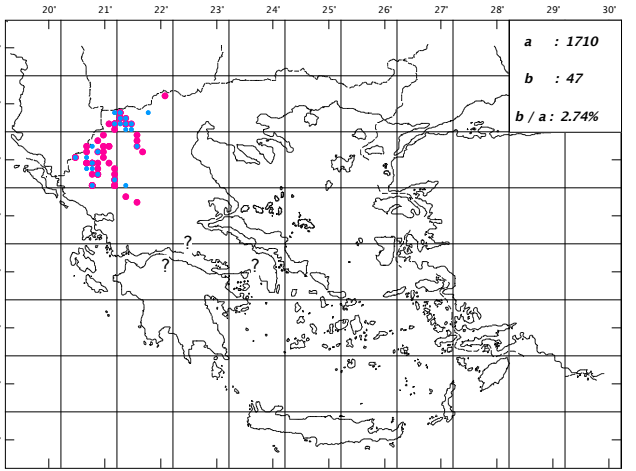


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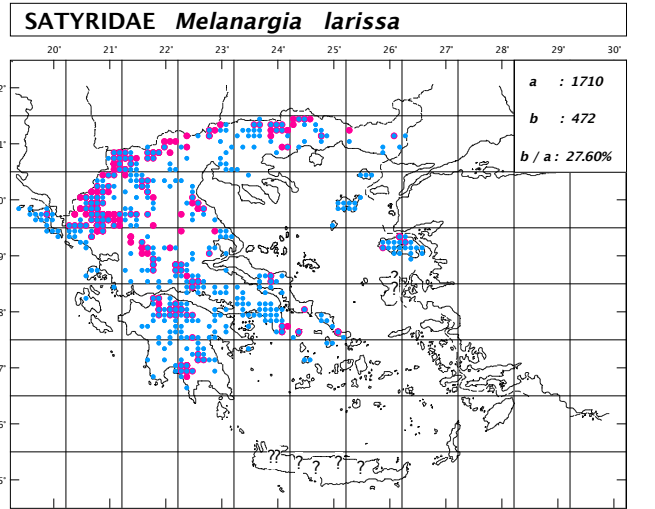
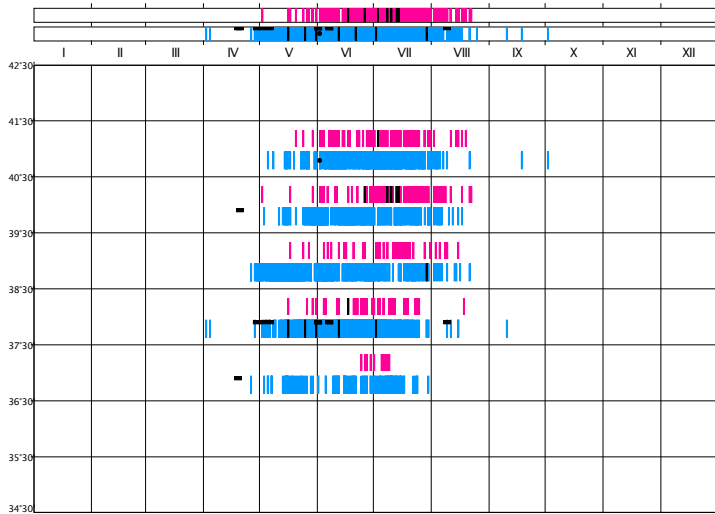
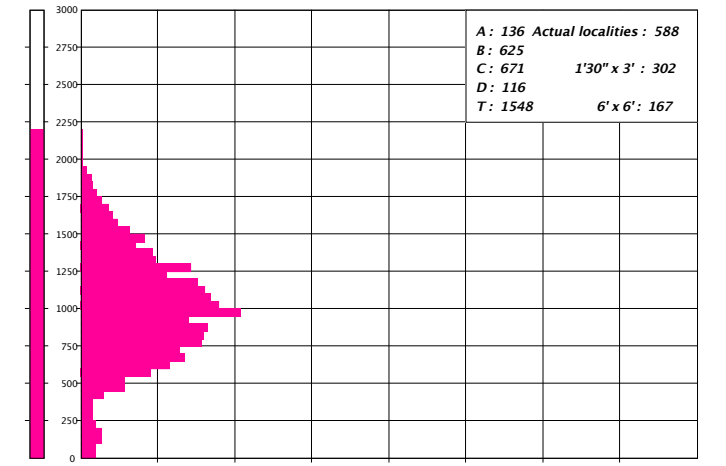
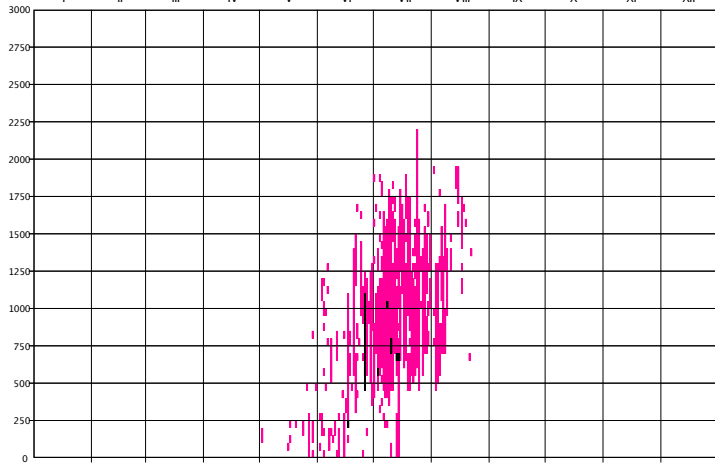
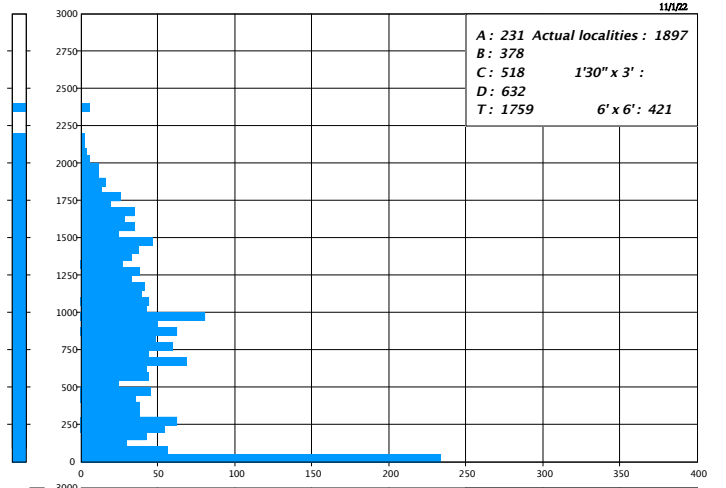
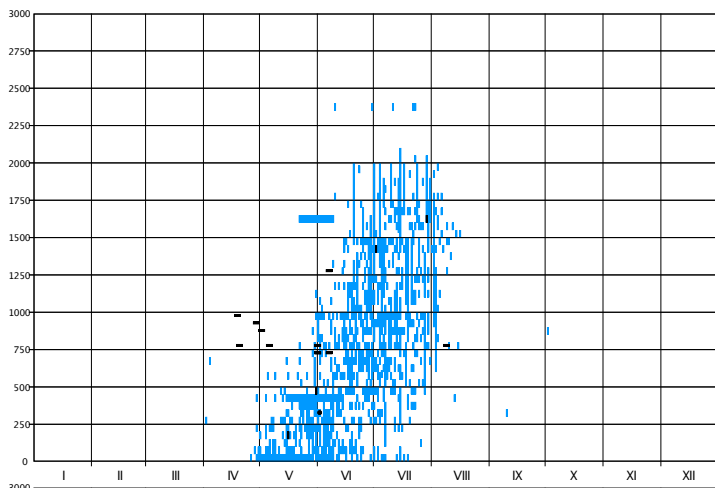


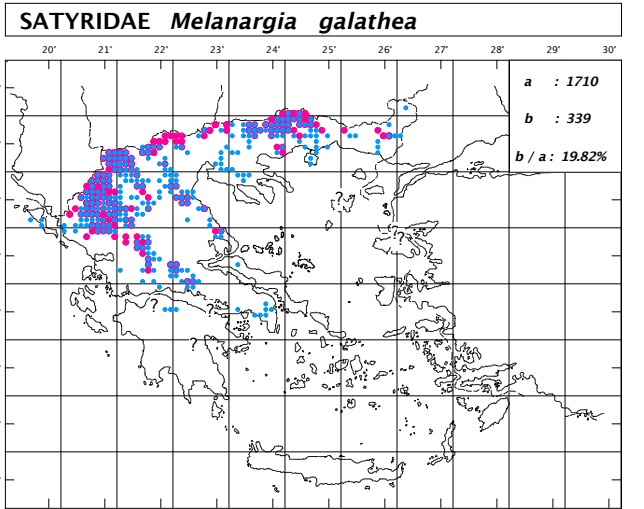
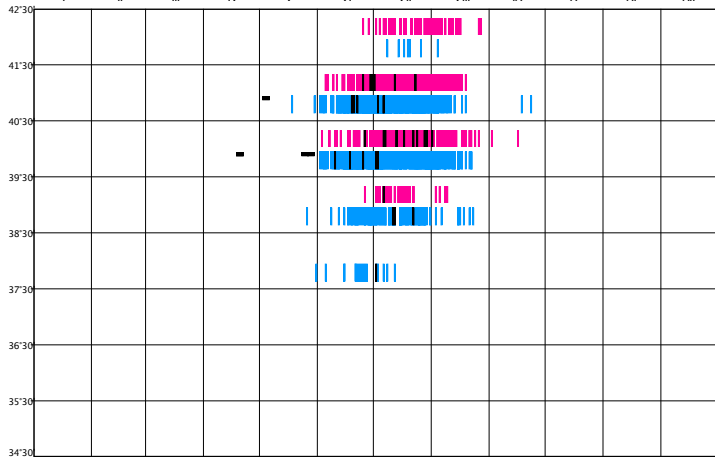
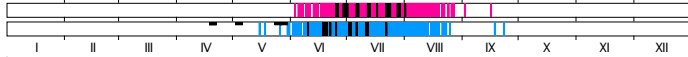
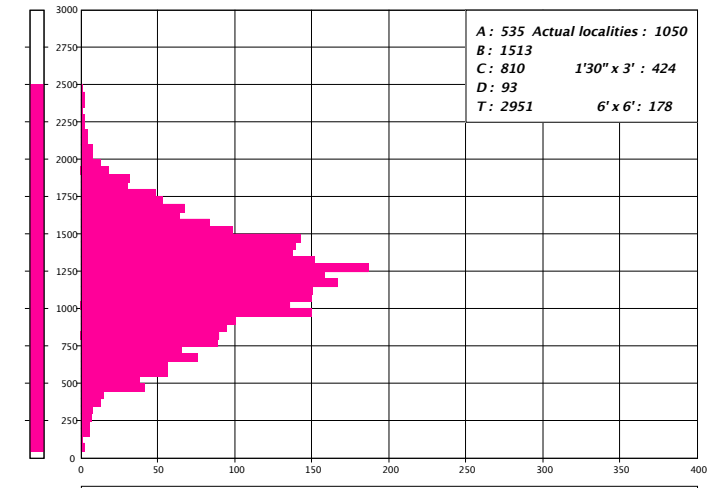
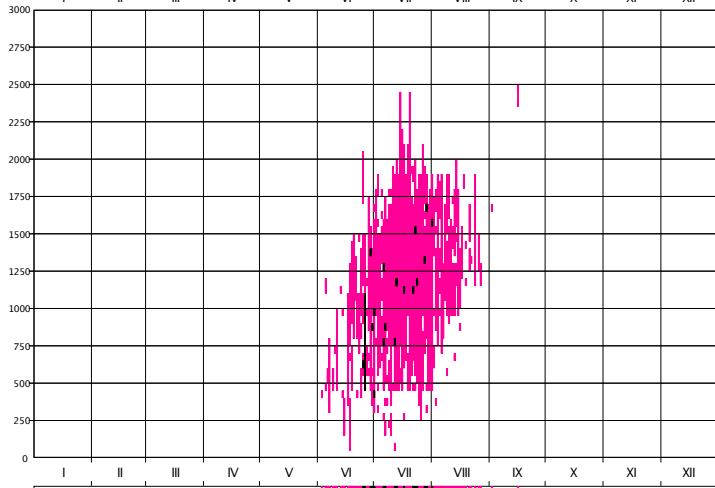
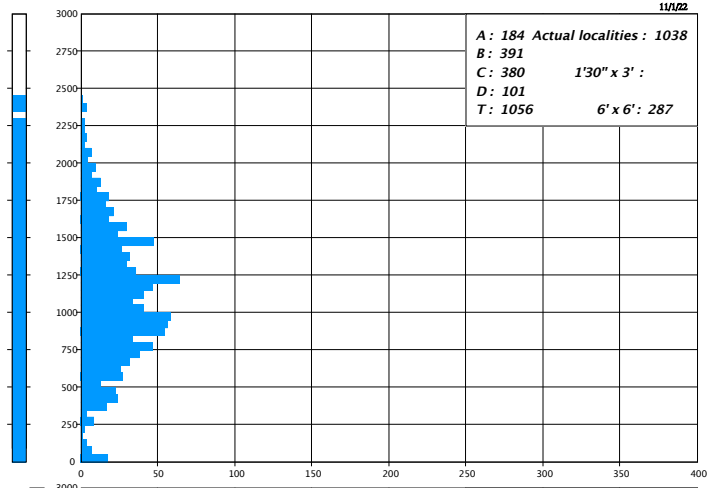
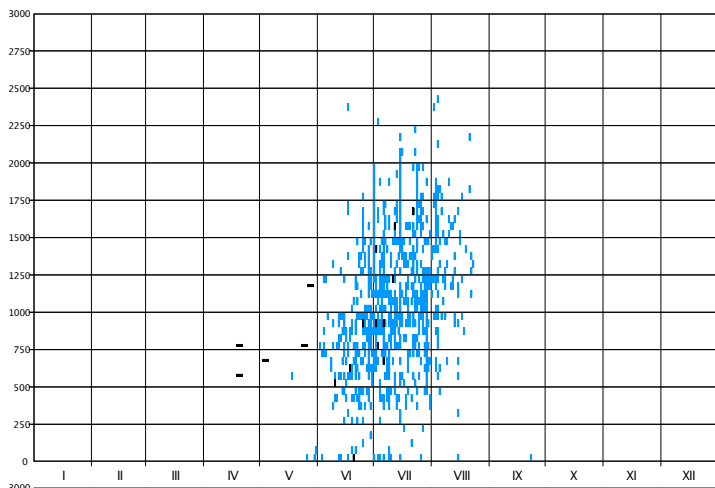


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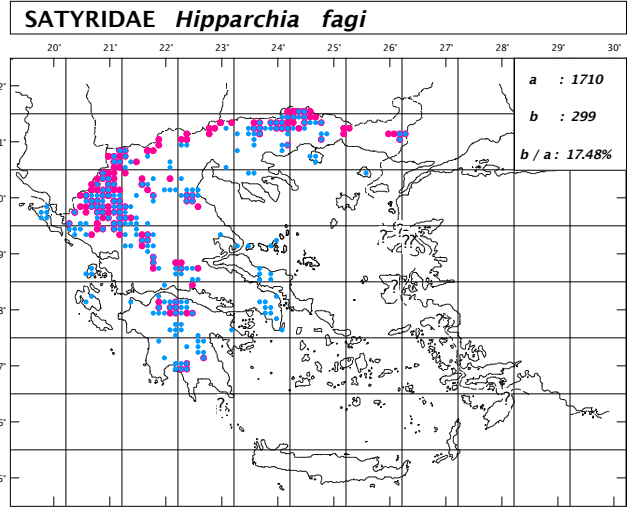
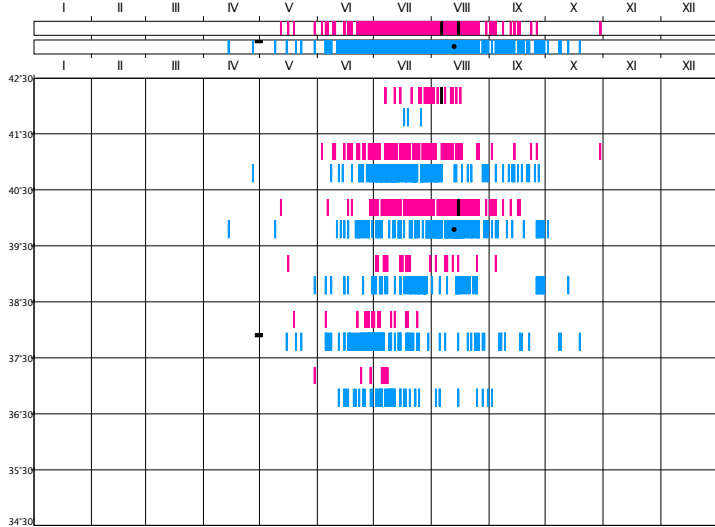
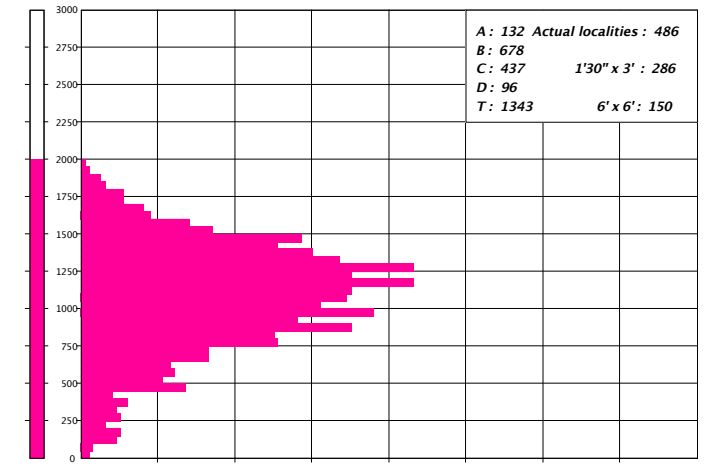
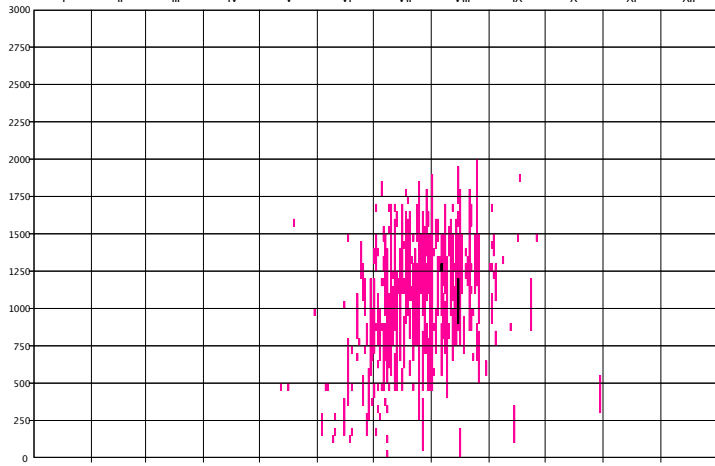
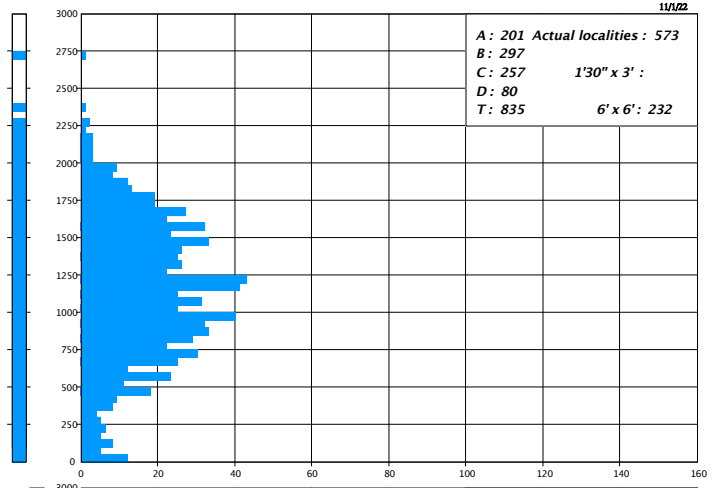
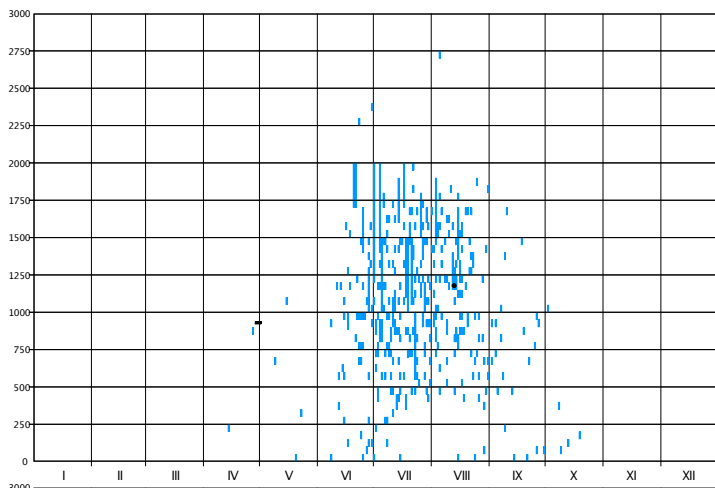




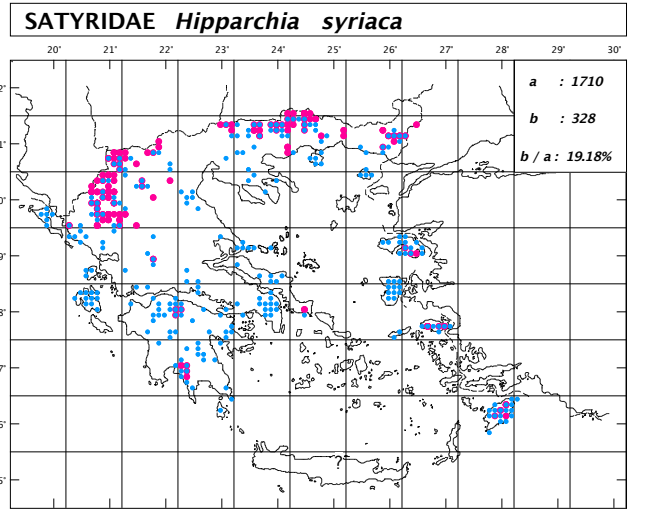
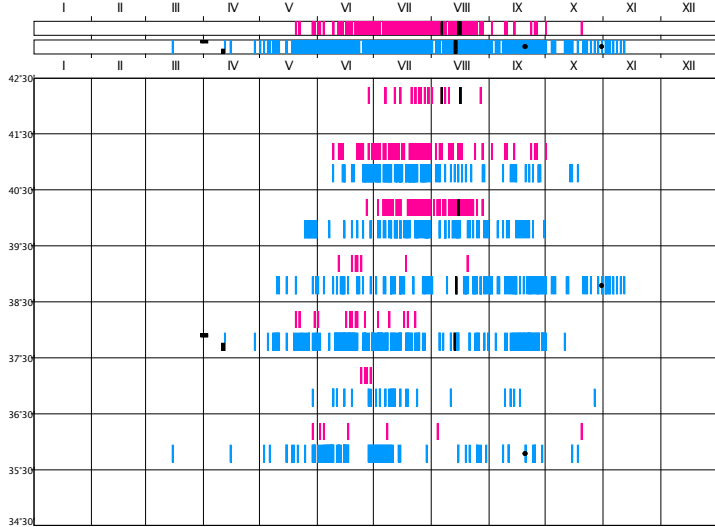
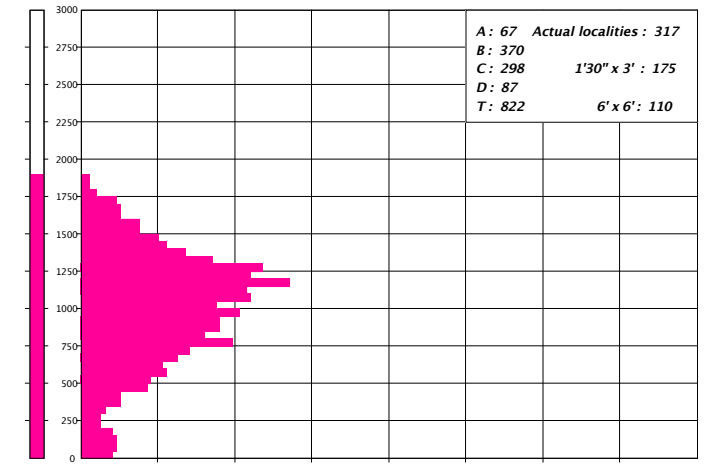
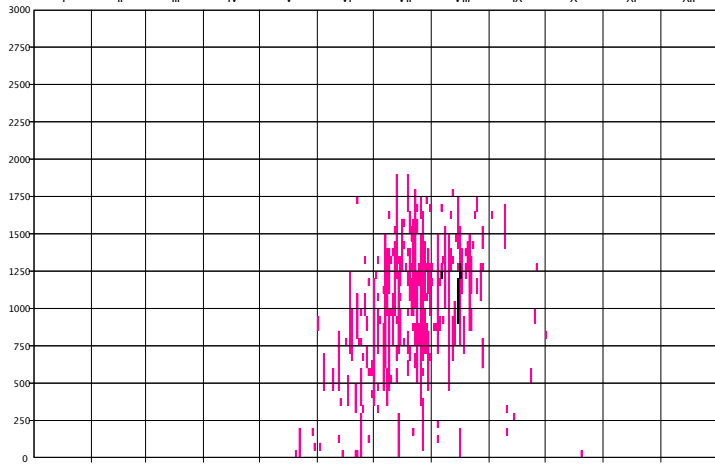
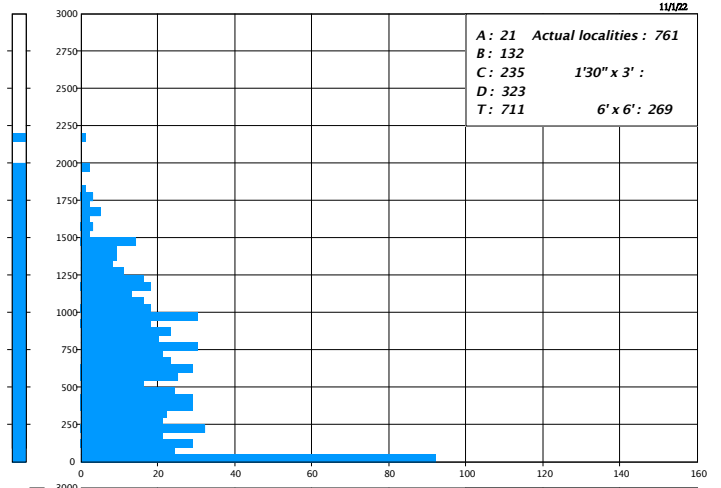
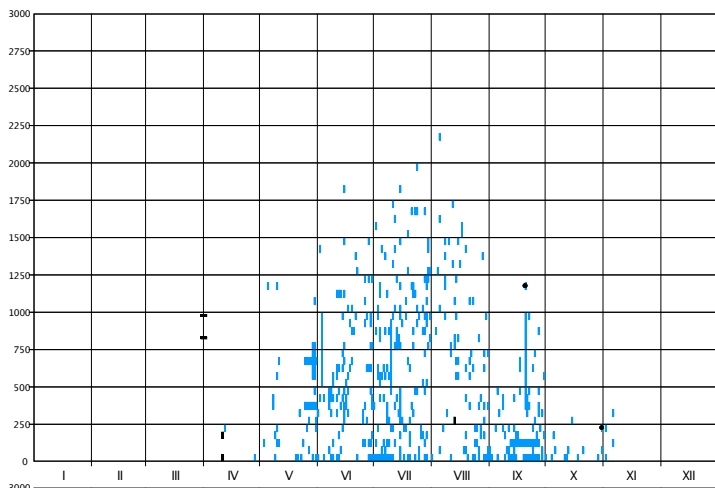




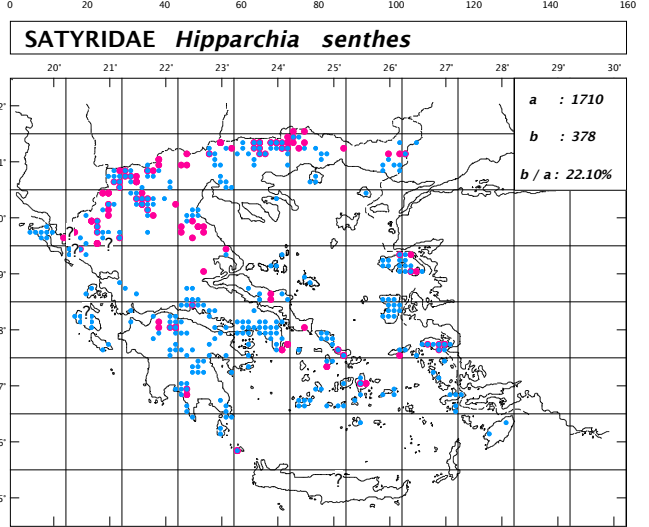
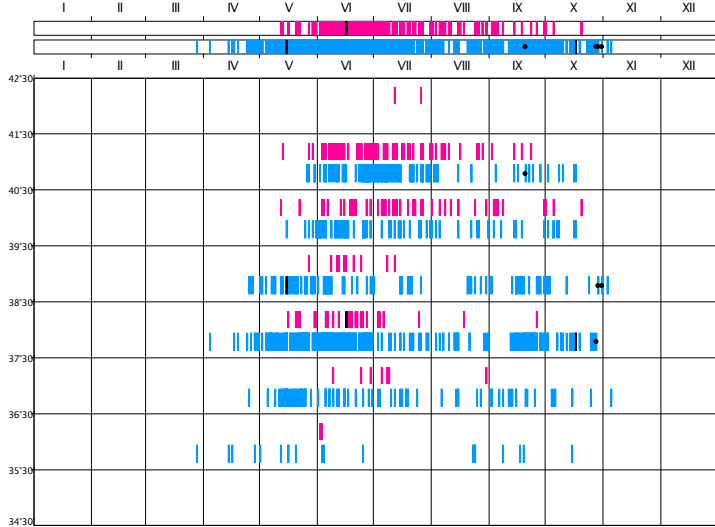
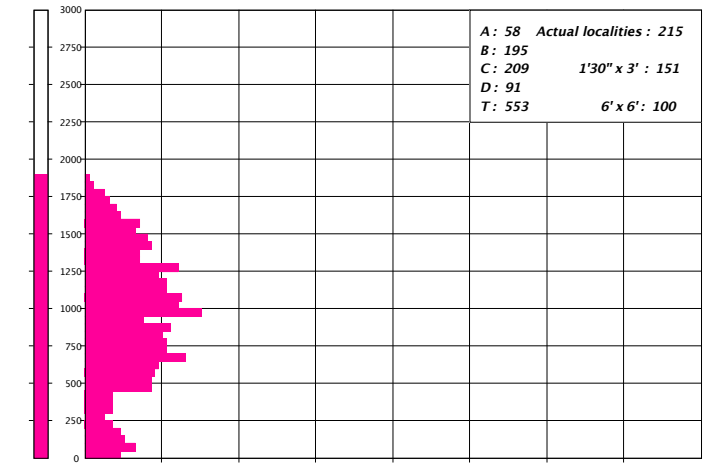
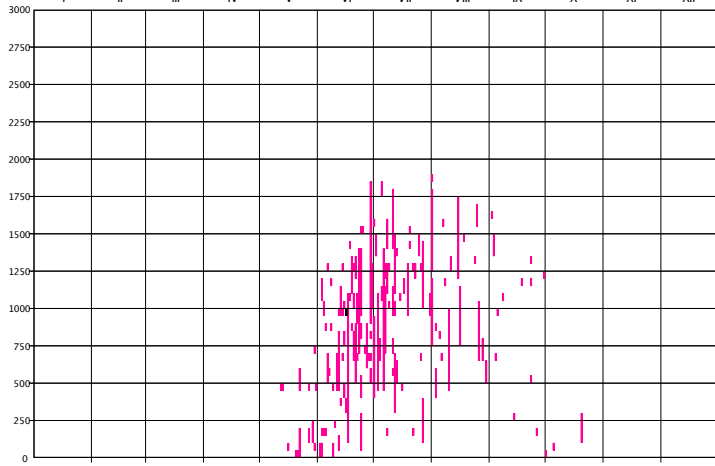
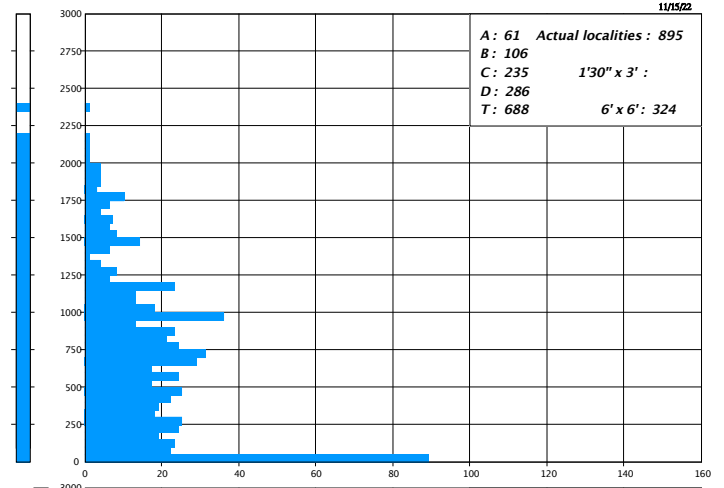
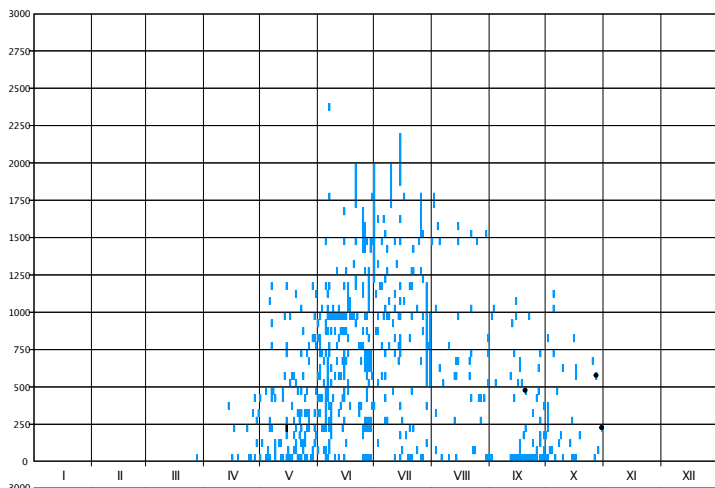
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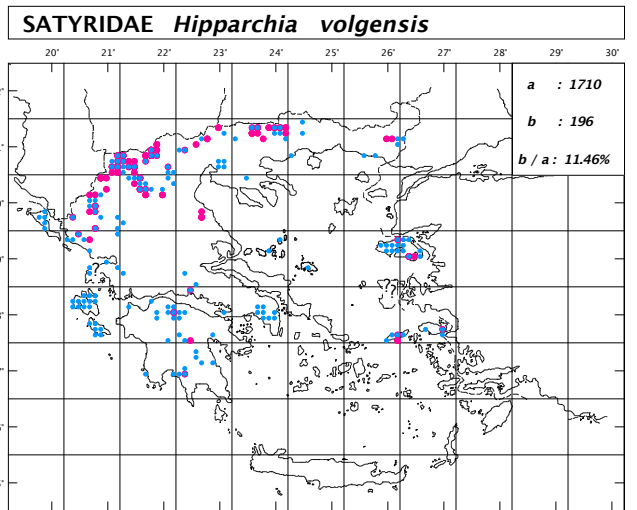
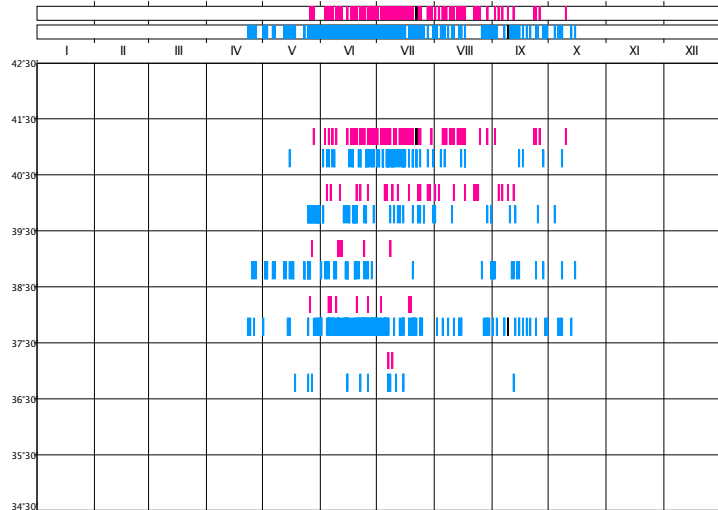
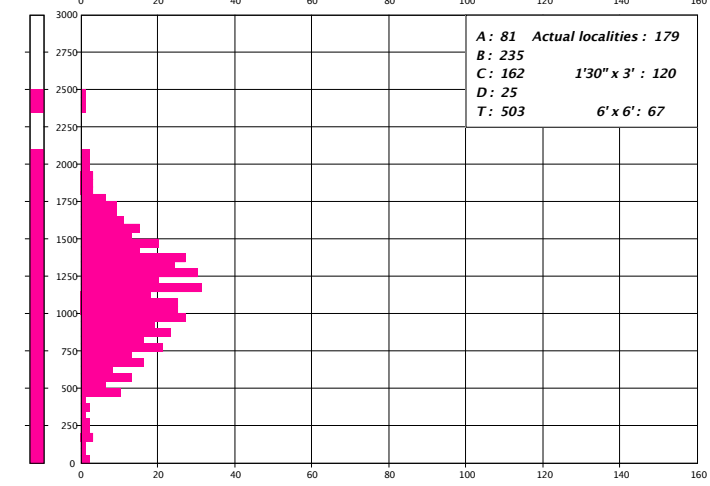
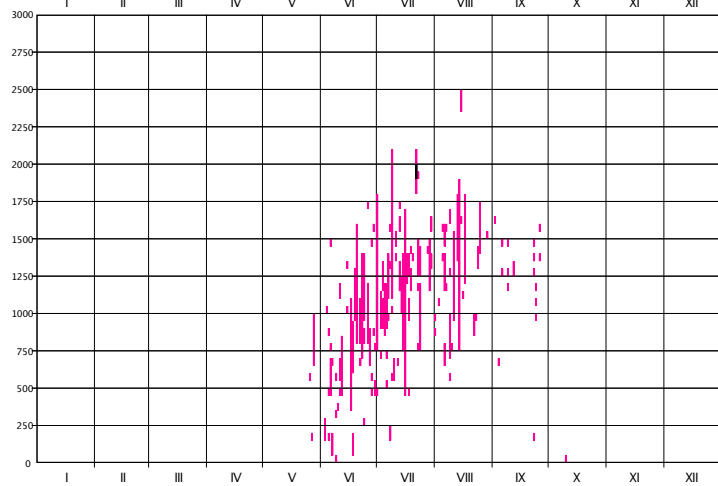
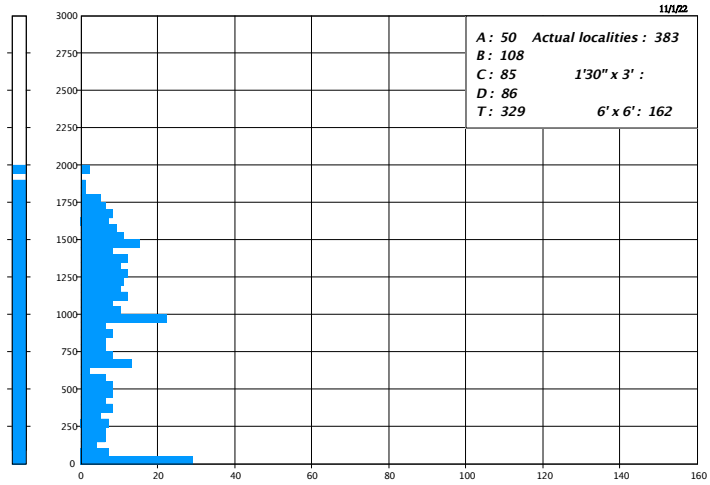
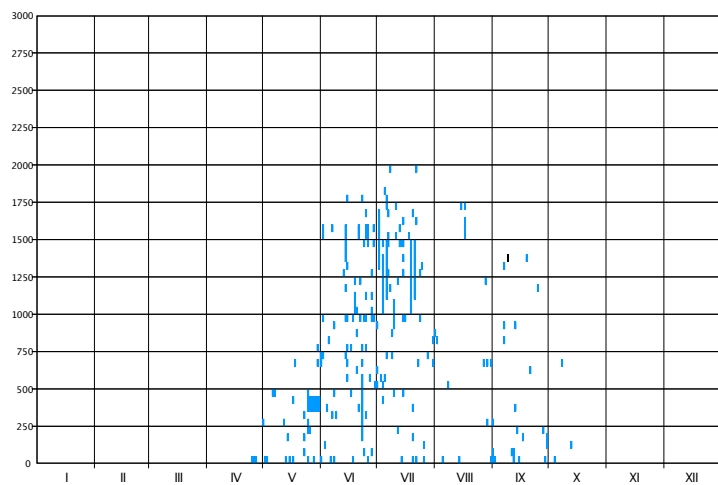


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Αμφίβολη αναγνώριση / Identification Uncertain

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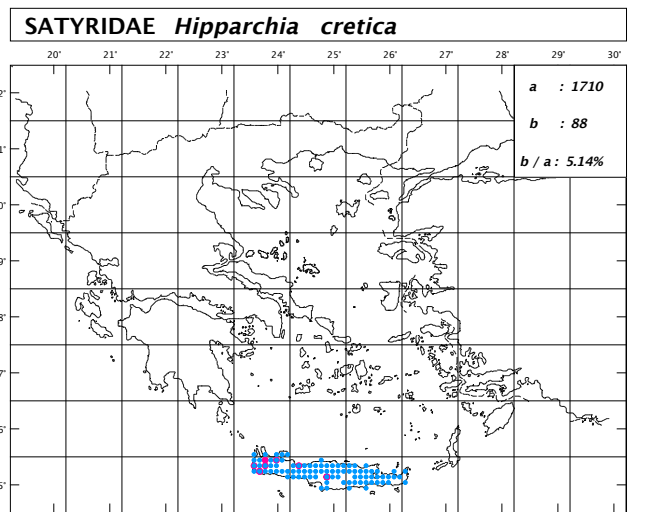
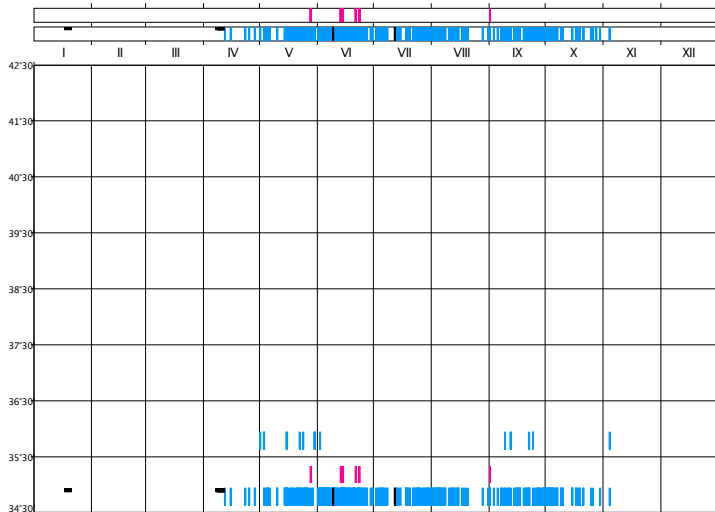
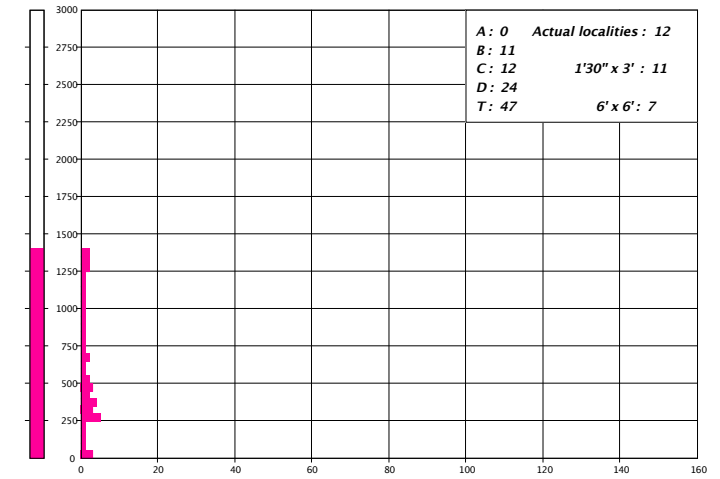
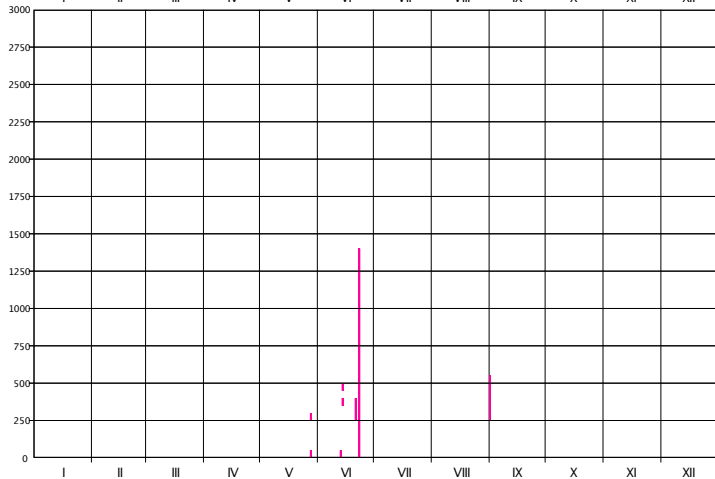
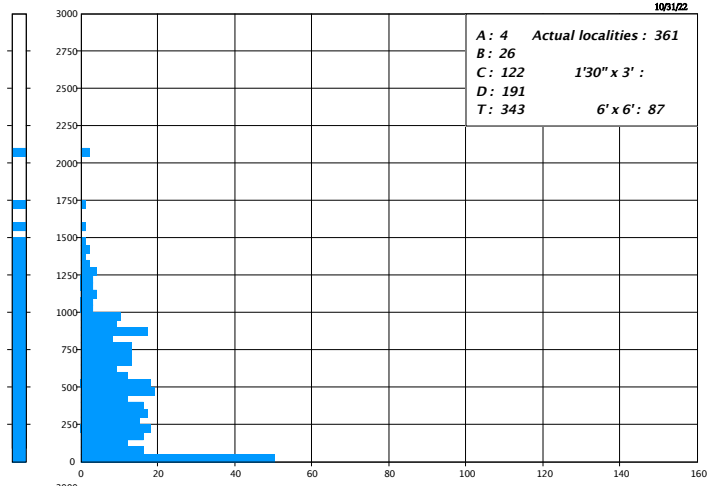
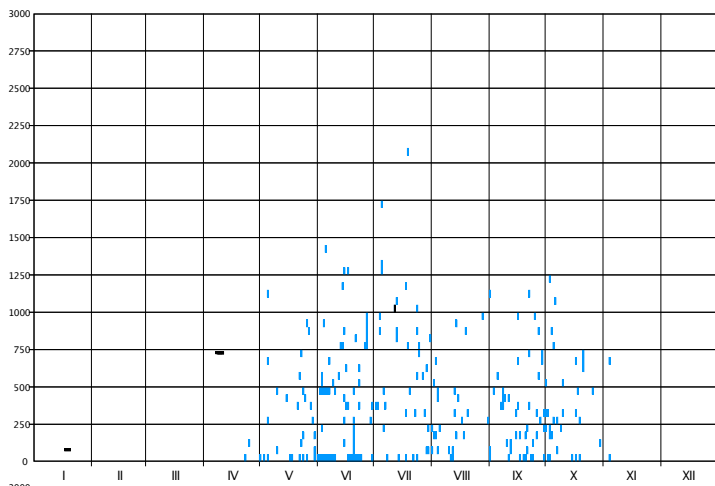


Αμφίβολη αναγνώριση / Identification Uncertain

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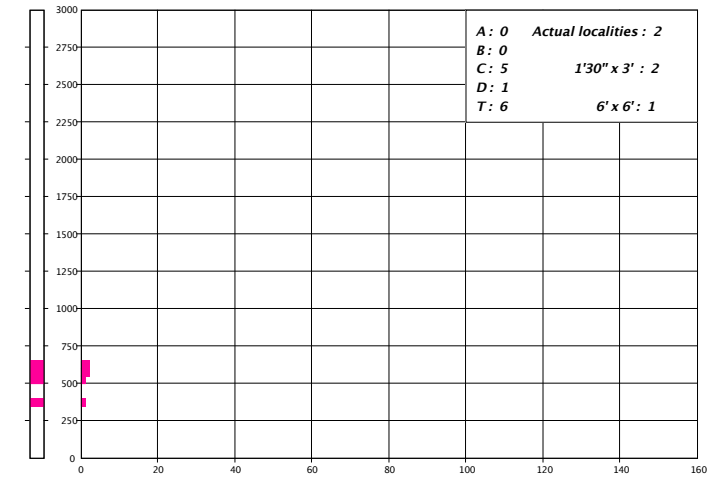
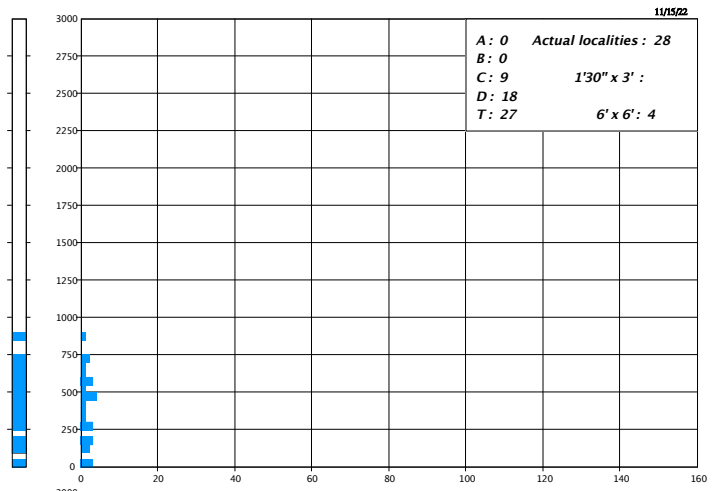
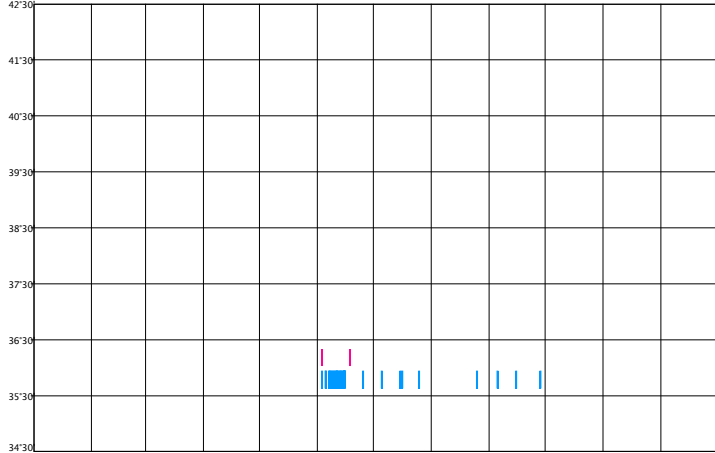
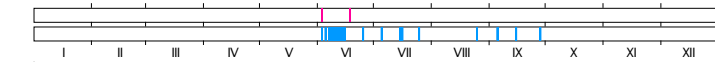
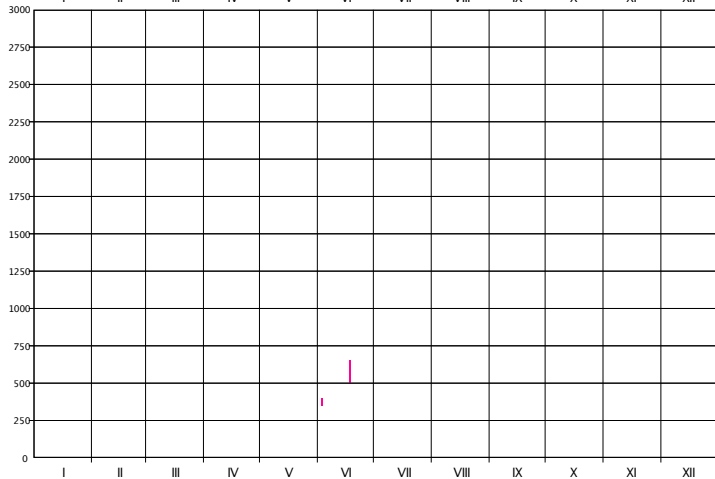
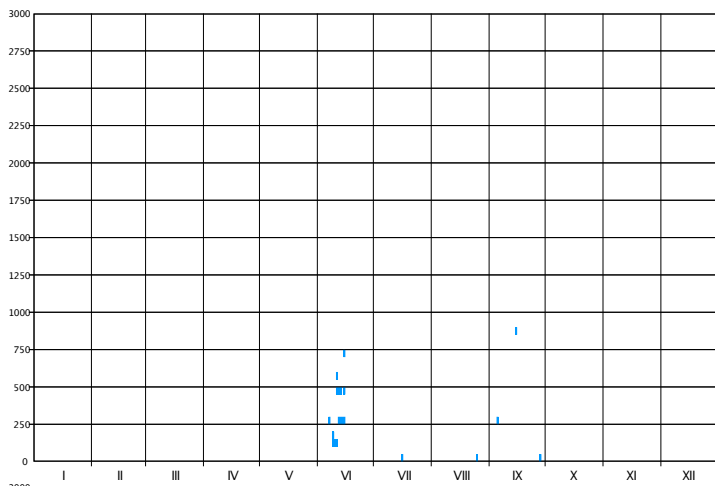
All records of *Hipparchia pellucida*, which is found that it is not present in Greece (see in COUTSIS J. G. & BOZANO G. C.: The true identity of butterflies originally recorded as *Hipparchia* (*Parahipparchia*) *pellucida* (Stauder, 1923) from the Eastern Aegean Greek islands of Lézvos and Ikaría (Lepidoptera: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

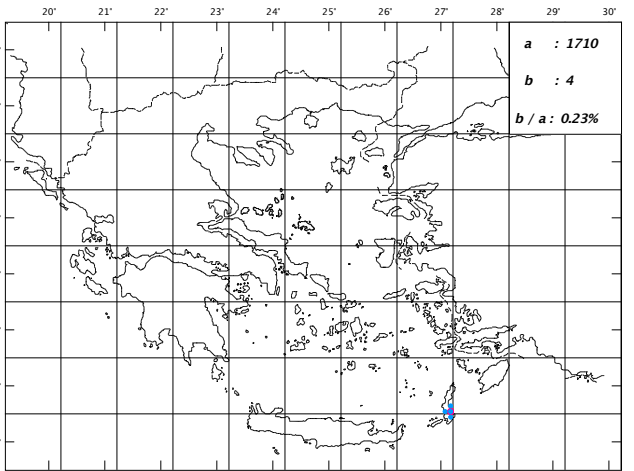


**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
ENDEMIC SPECIES OF GREECE**

[https://www.pamperis.gr/PHOTOGRAPHS/Hipparchia\\_synthos\\_volgensis\\_cretica\\_christenseni\\_mersina\\_complex.html](https://www.pamperis.gr/PHOTOGRAPHS/Hipparchia_synthos_volgensis_cretica_christenseni_mersina_complex.html)



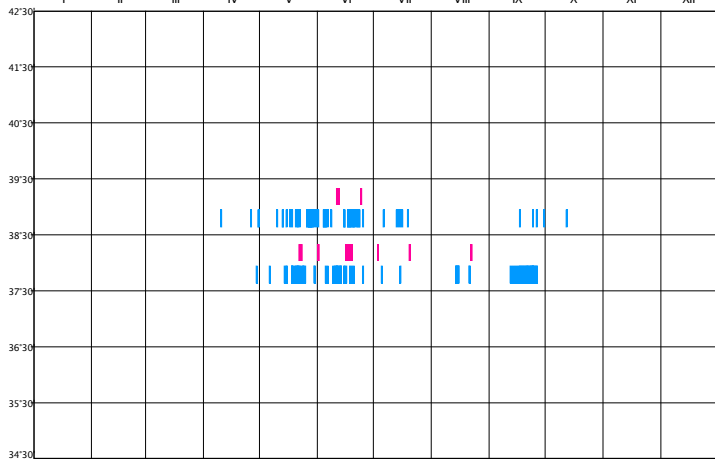
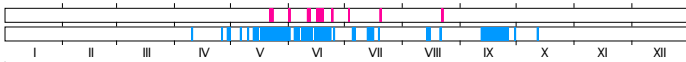
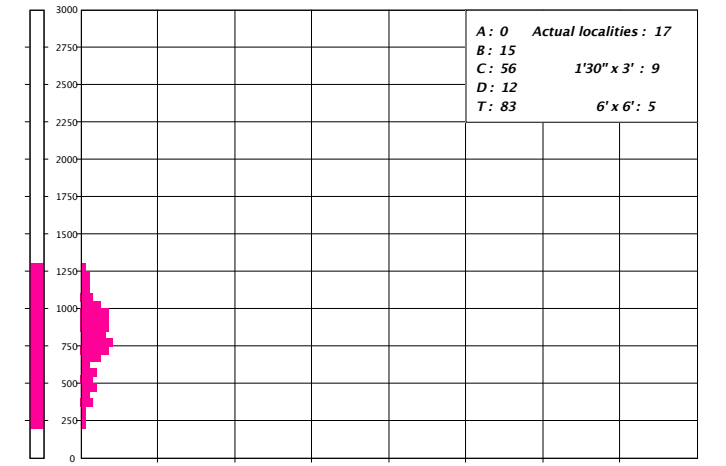
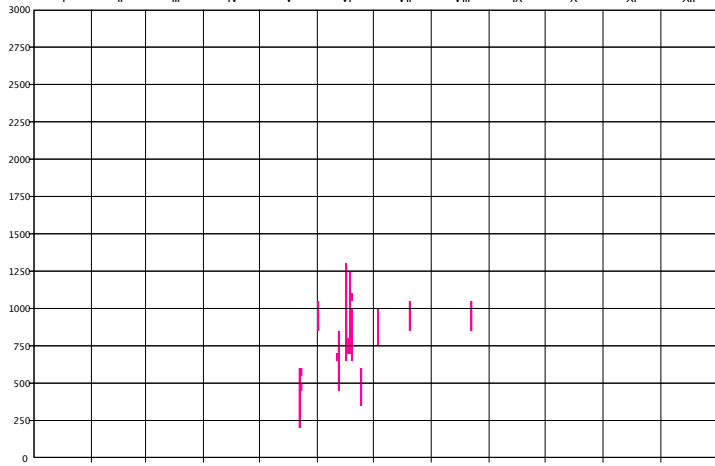
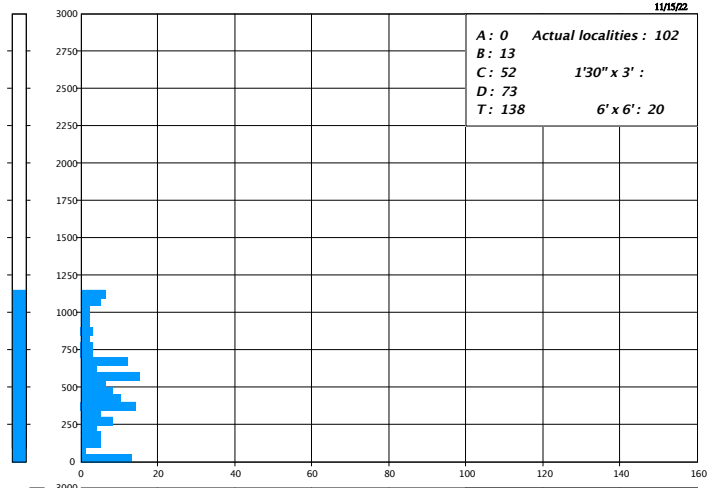
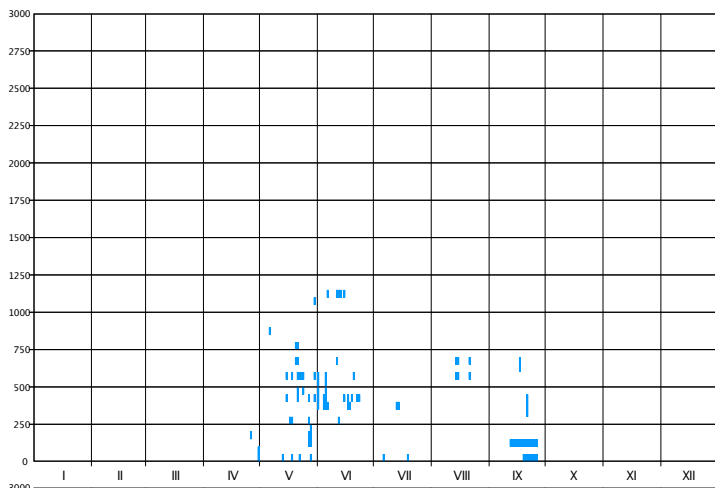
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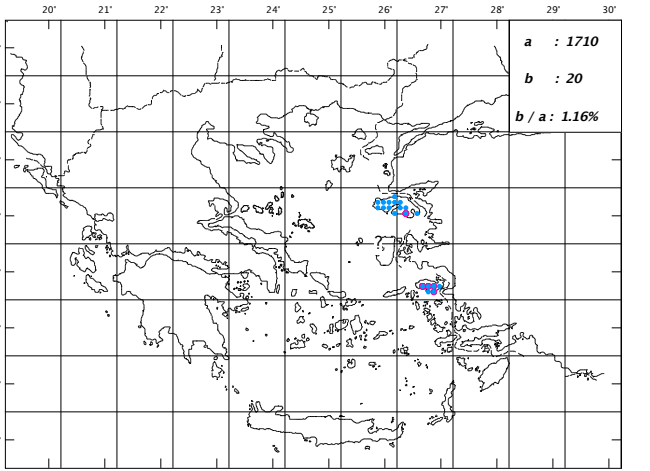
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ENDEMIC SPECIES OF GREECE**

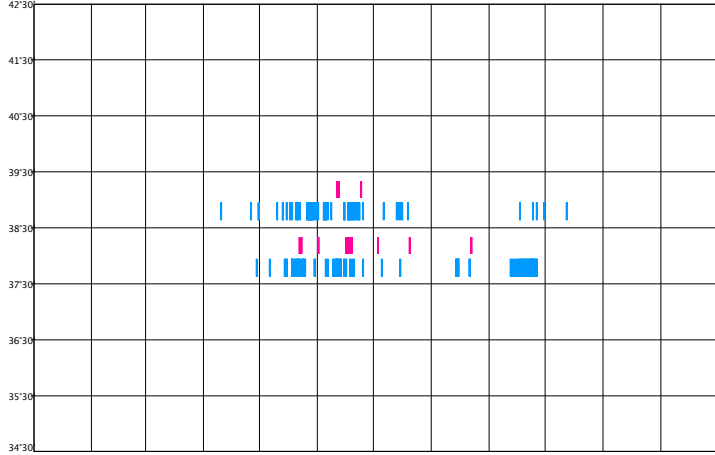
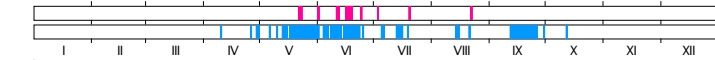
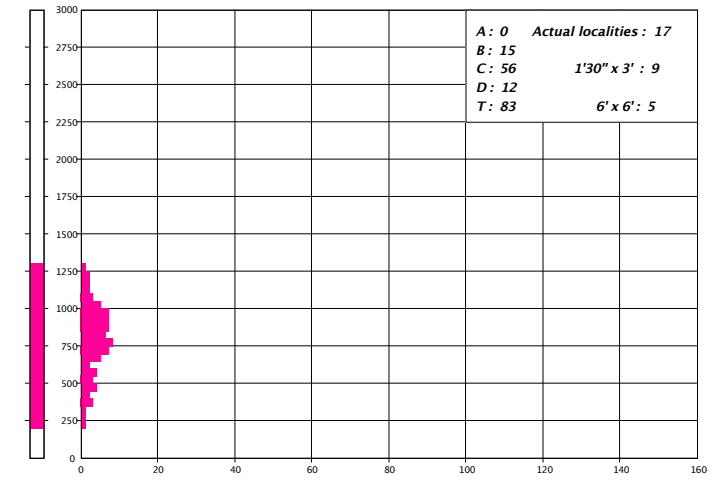
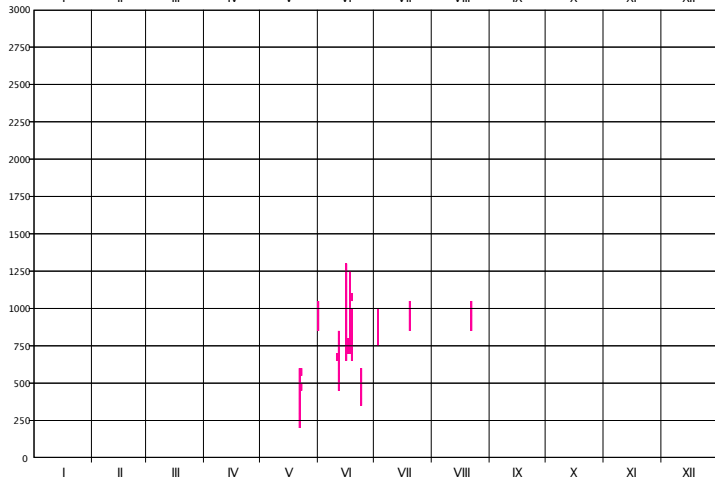
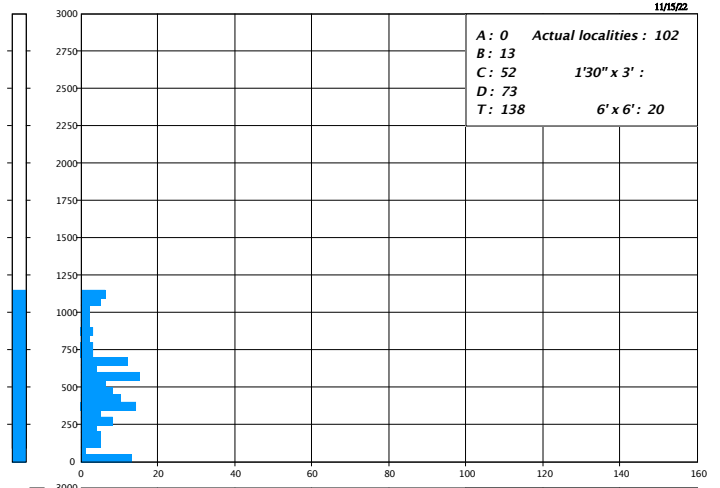
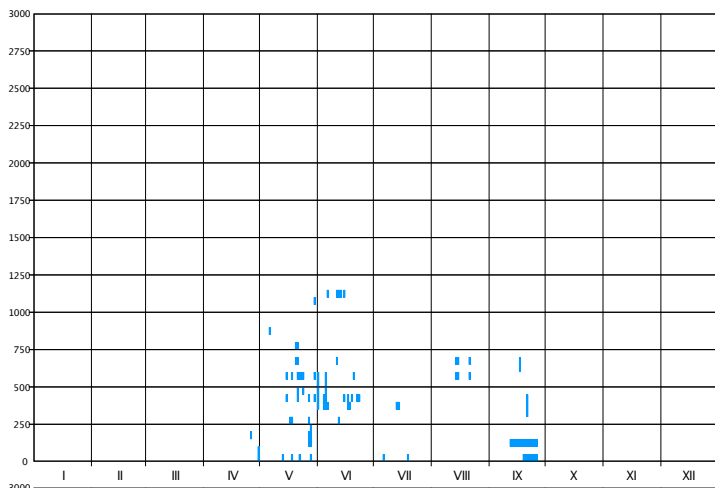
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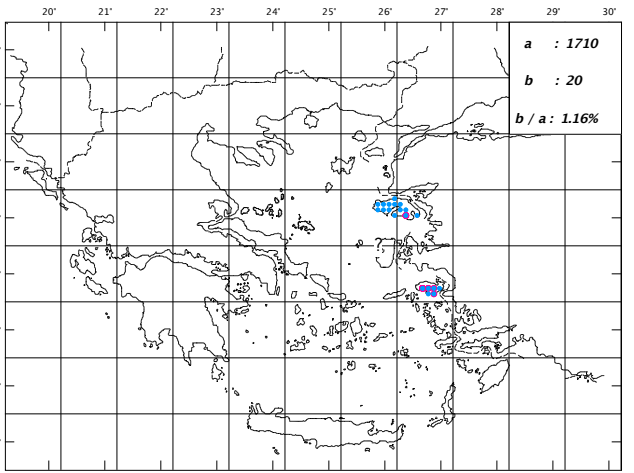


**SATYRIDAE *Hipparchia mersina***

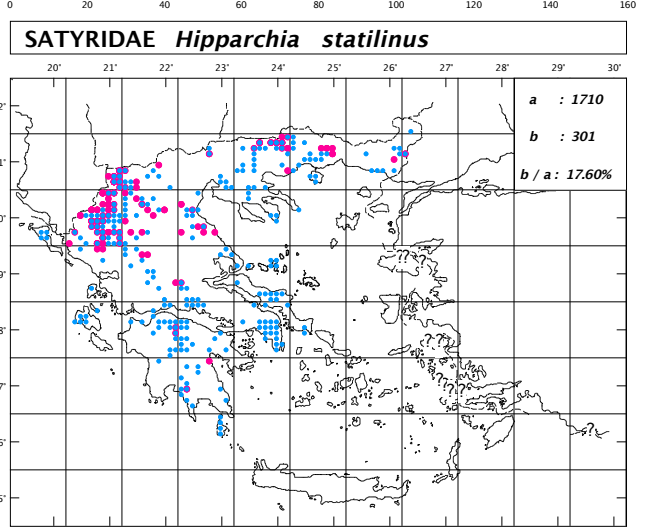
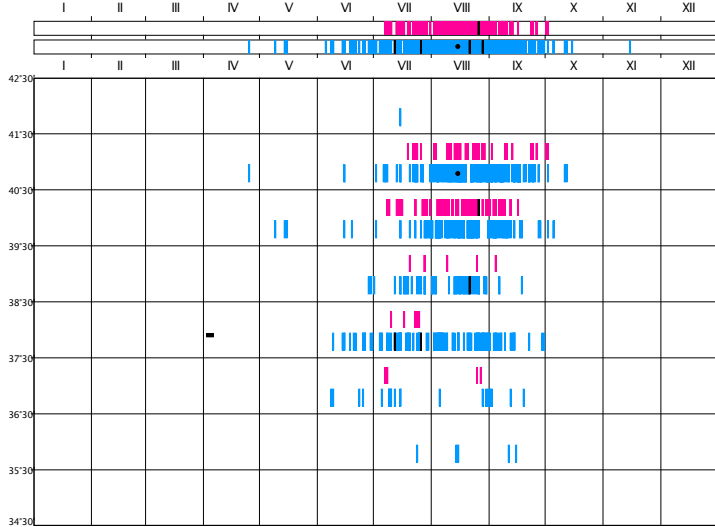
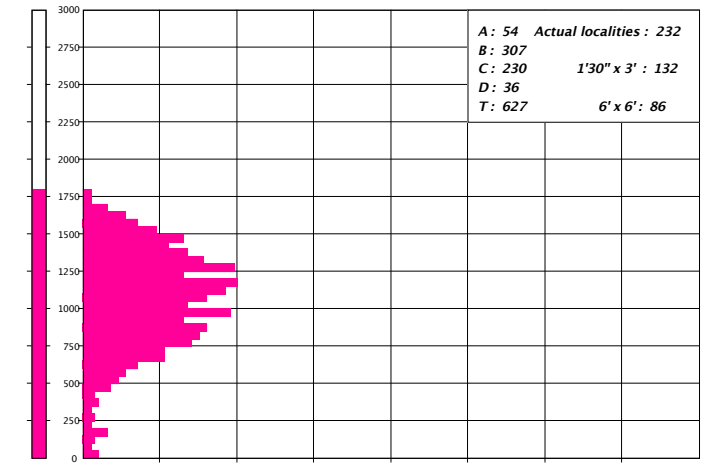
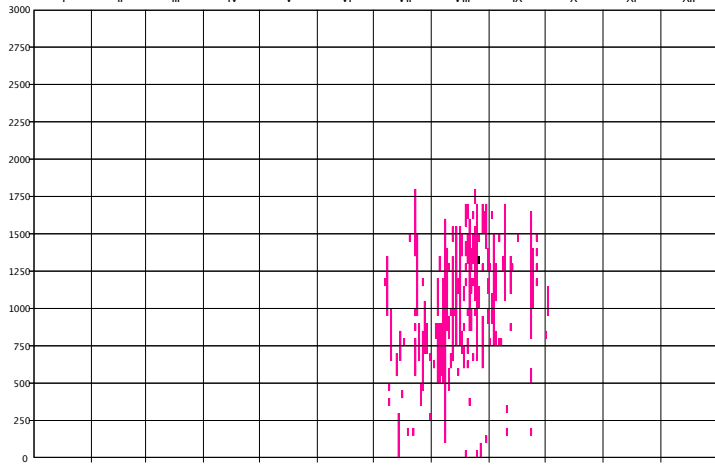
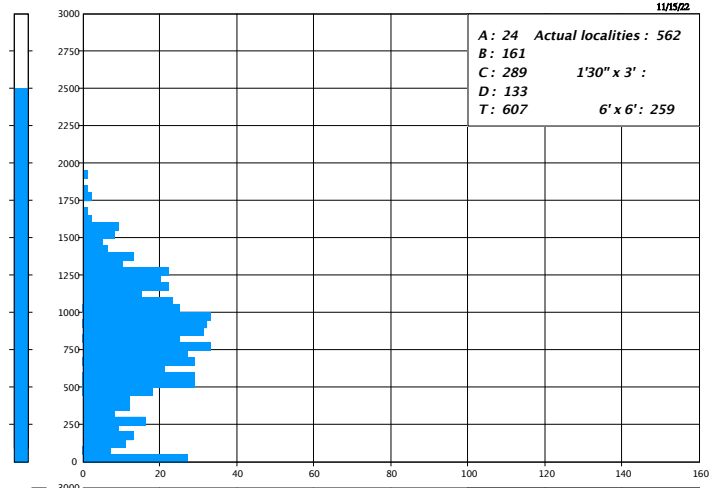
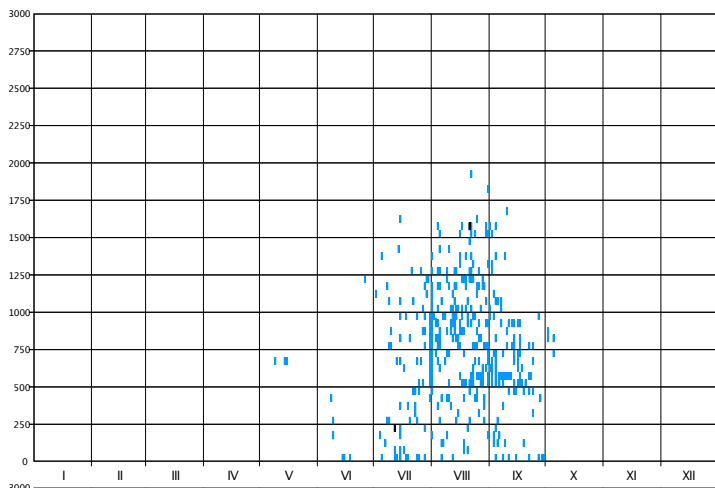




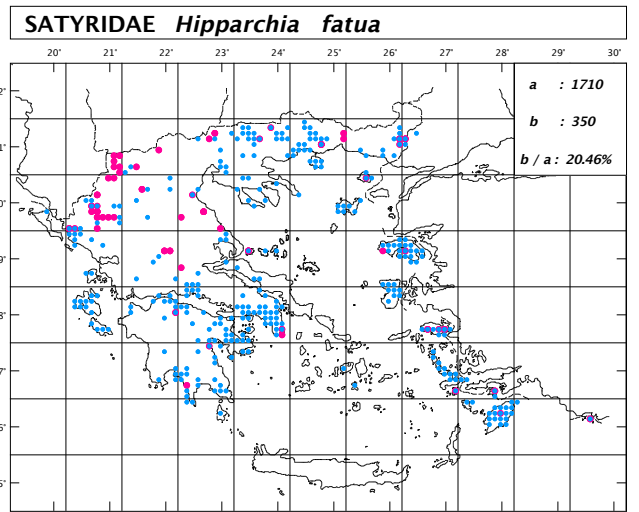
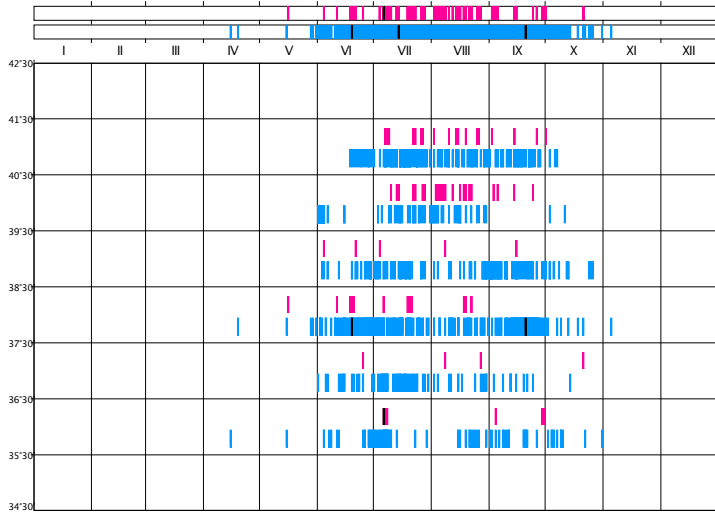
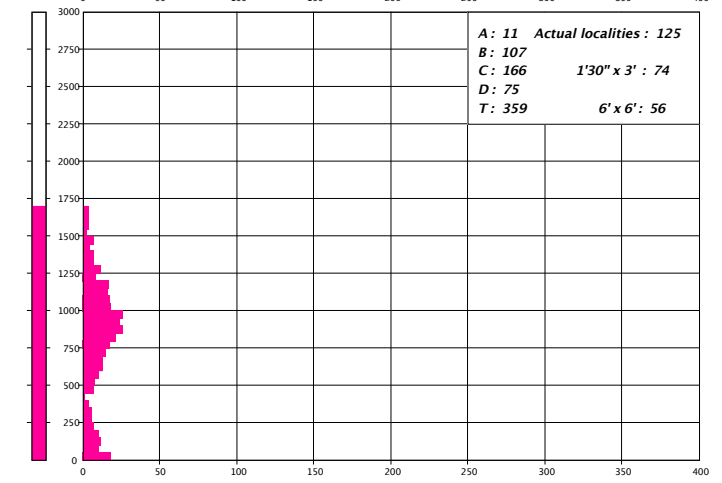
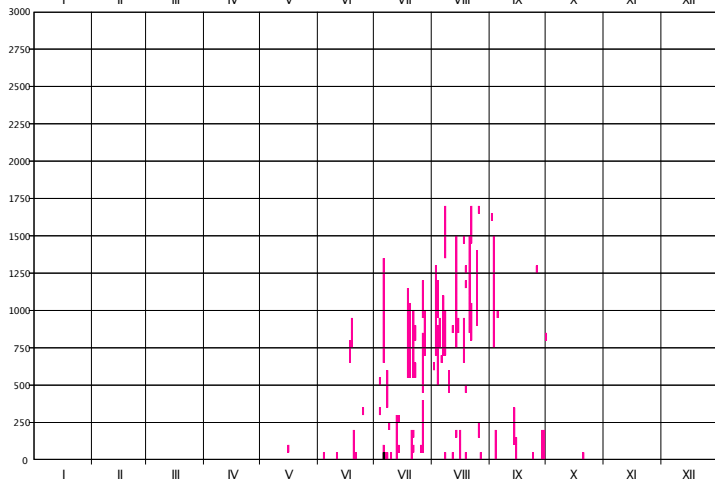
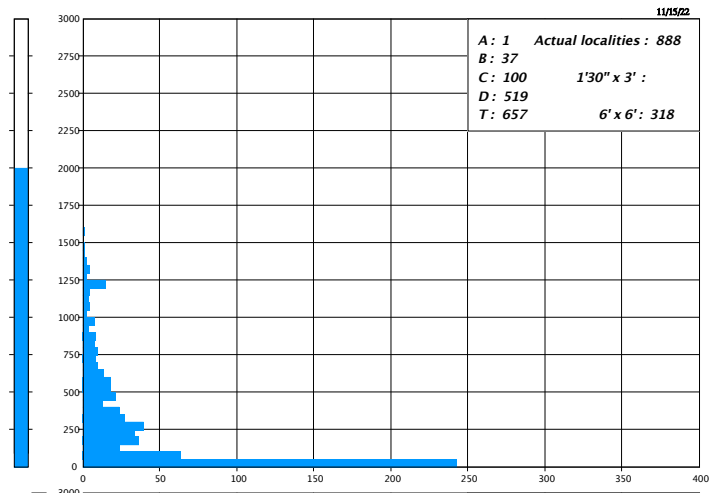
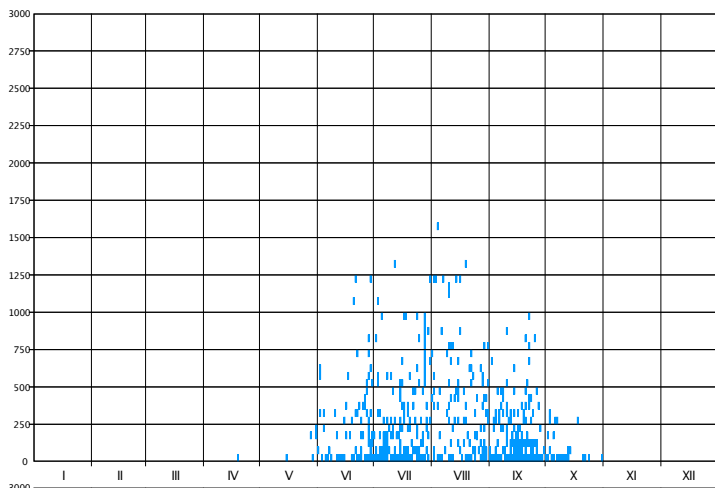
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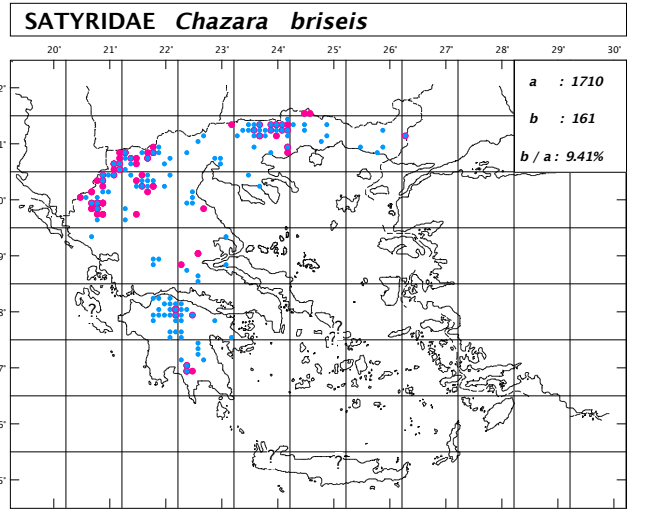
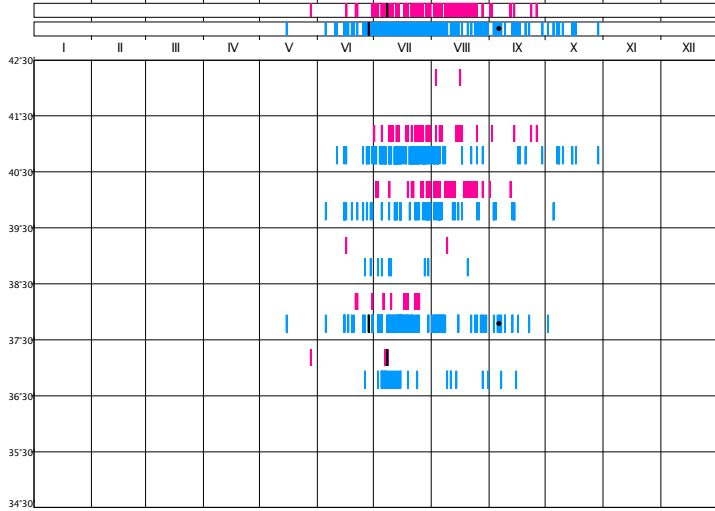
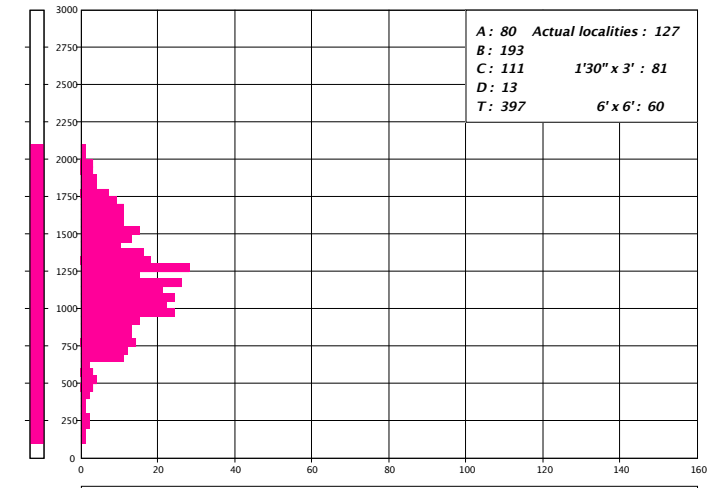
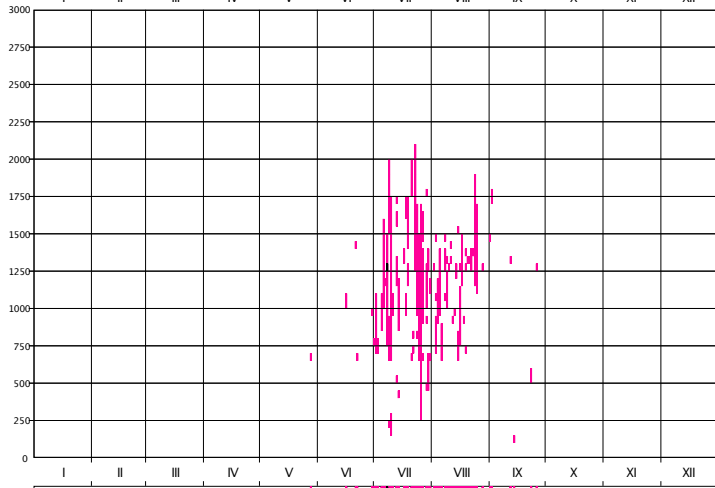
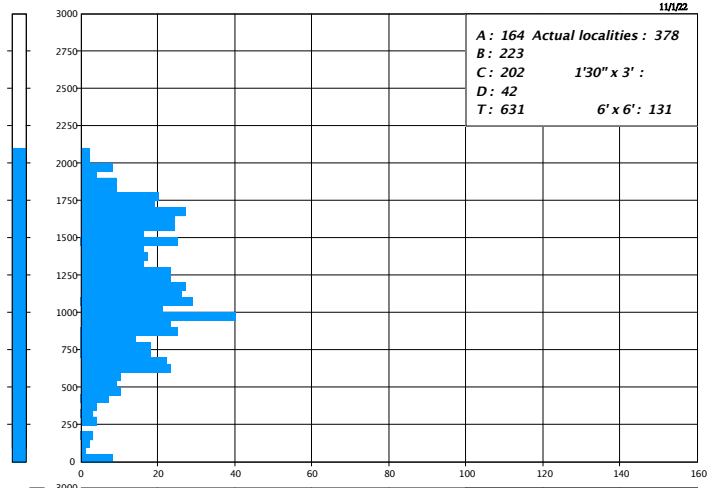
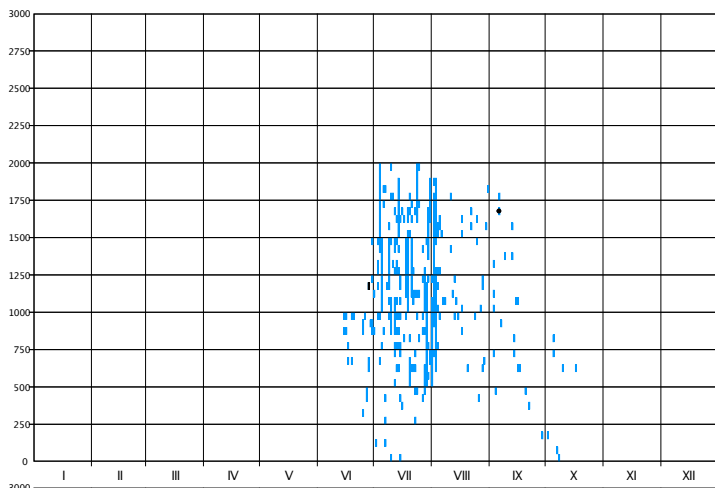
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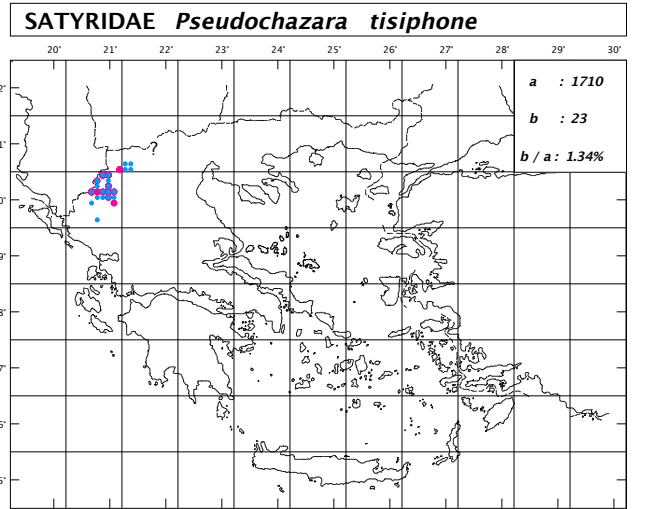
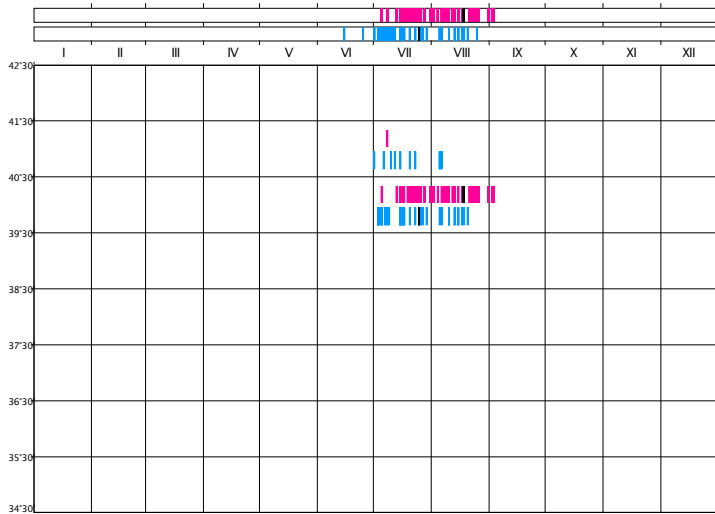
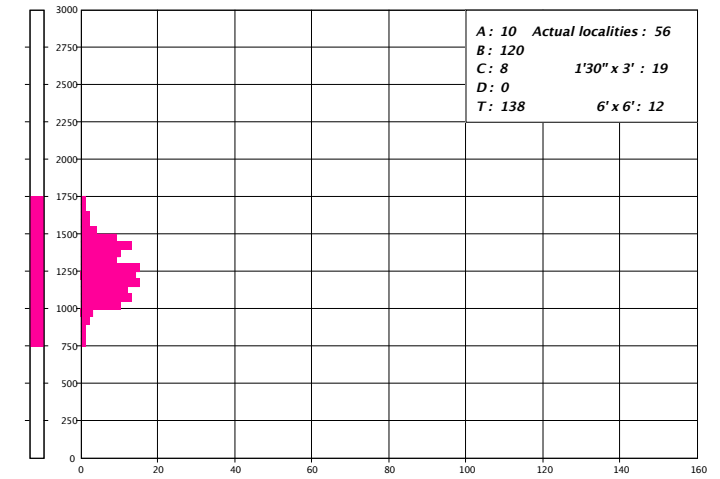
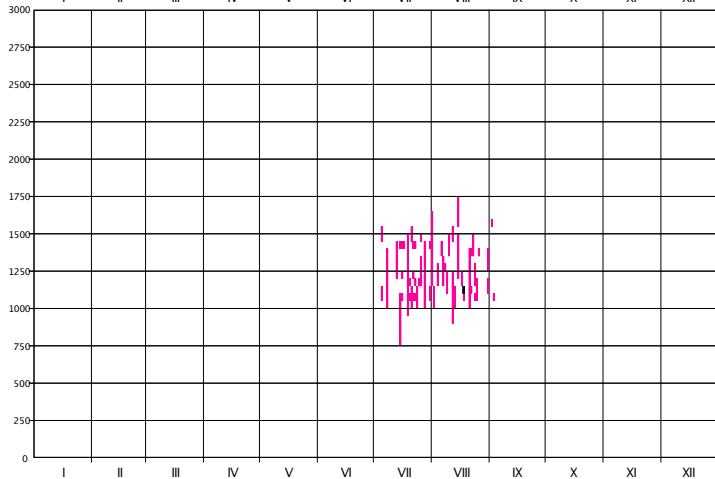
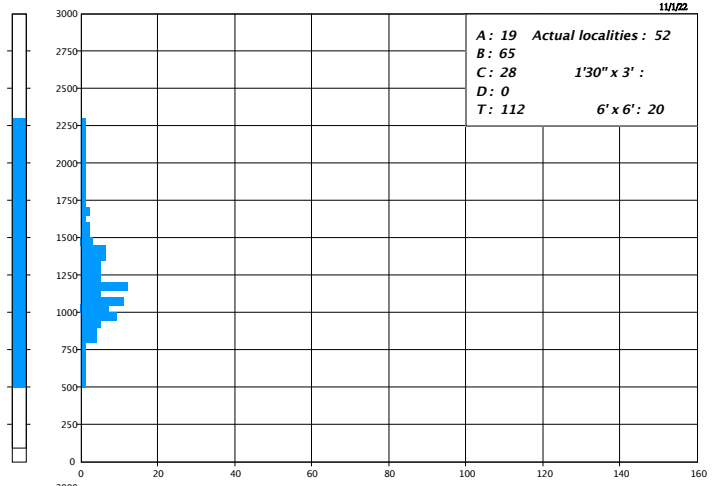
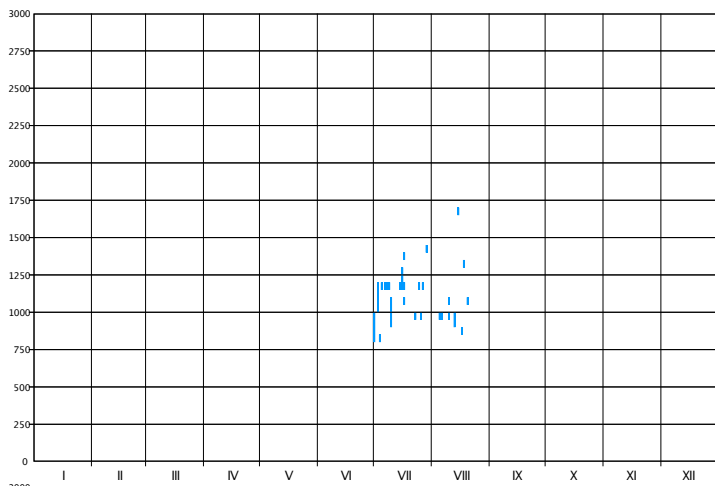


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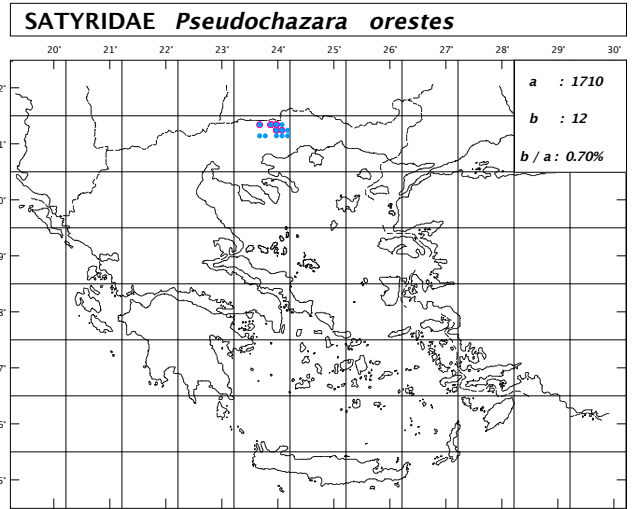
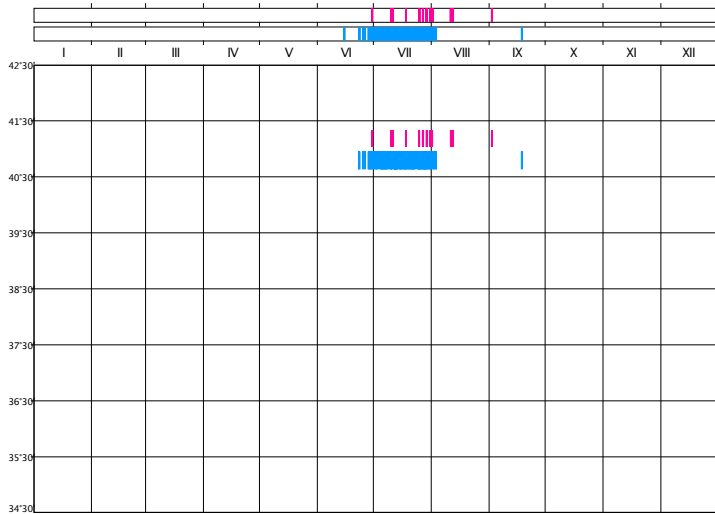
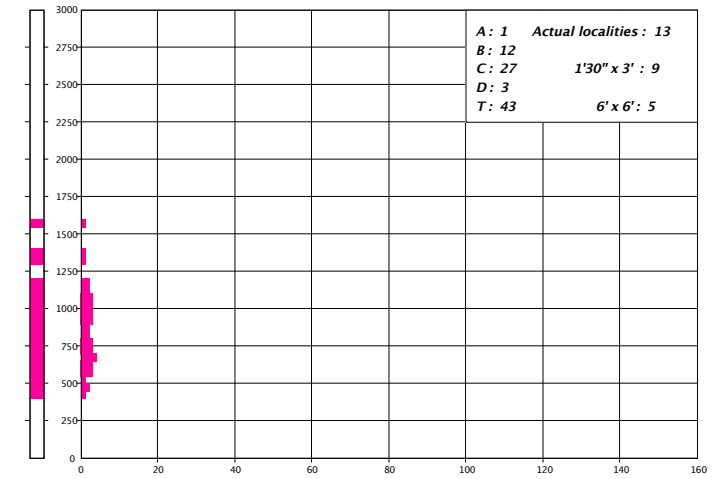
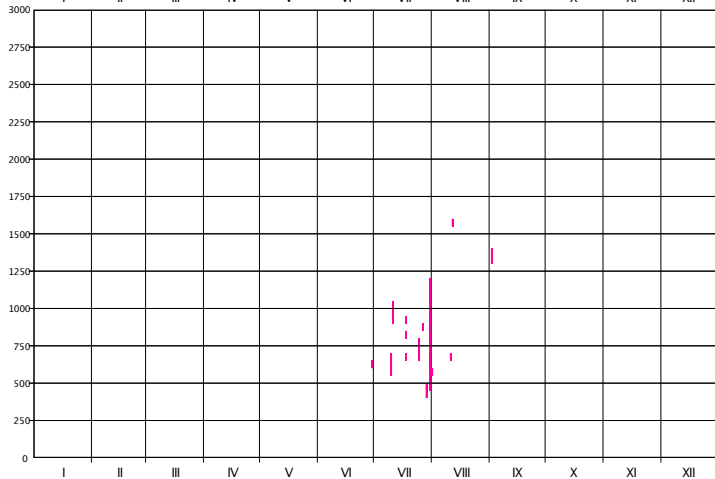
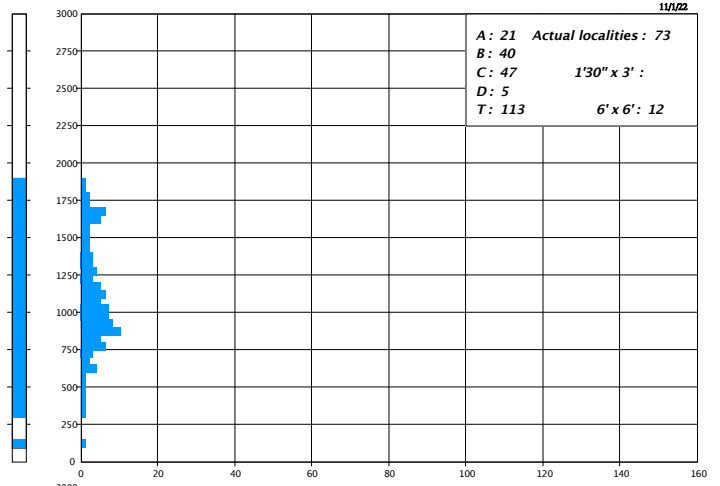
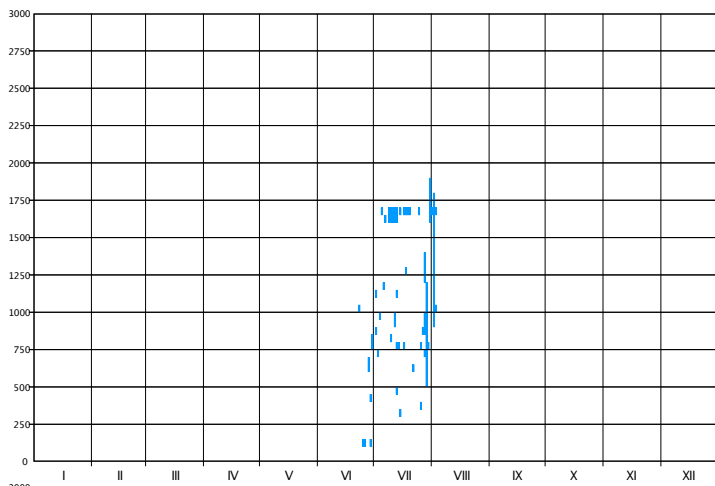


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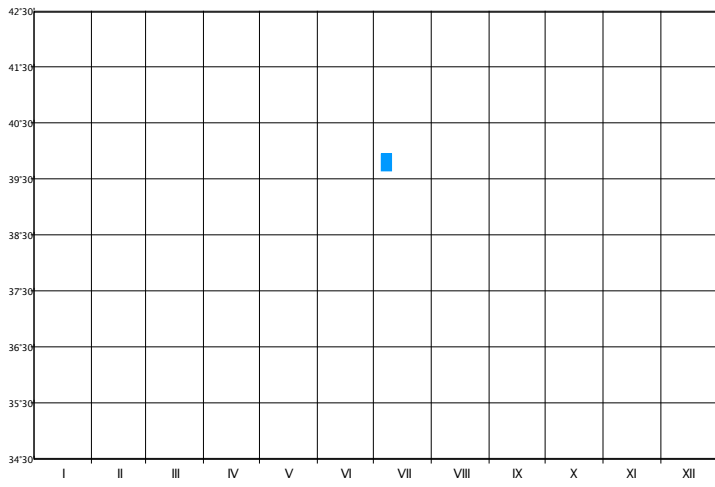
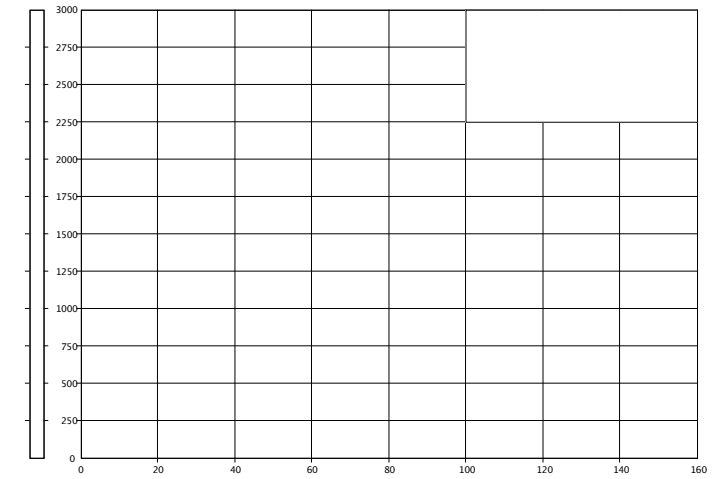
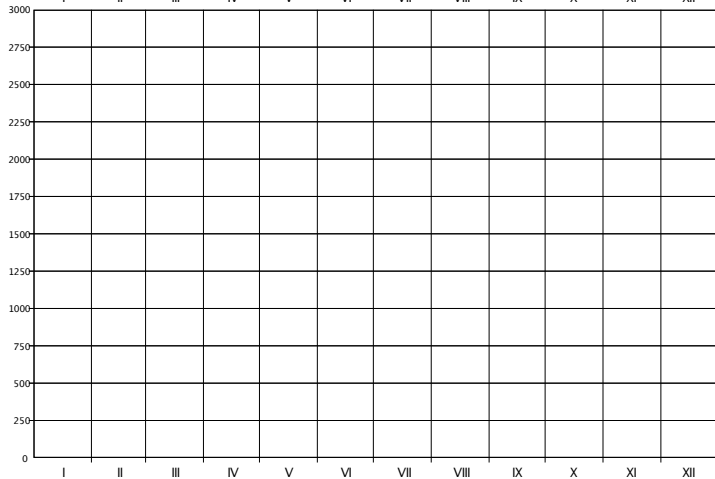
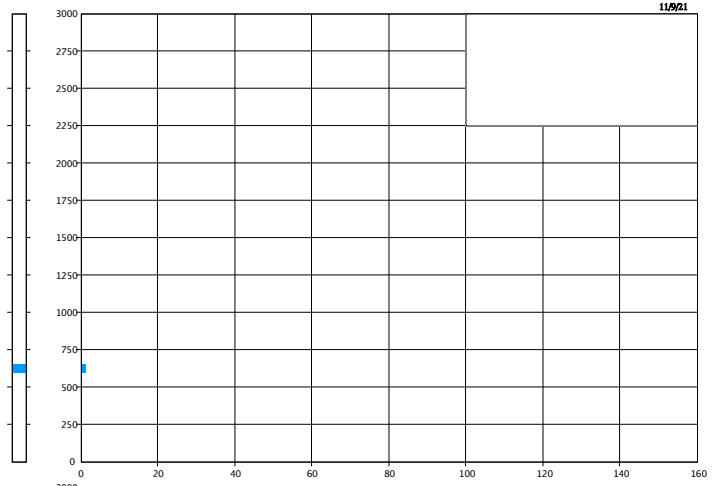
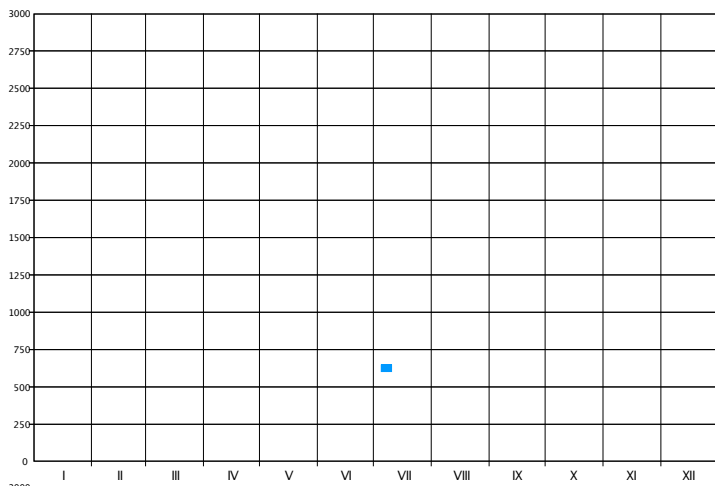




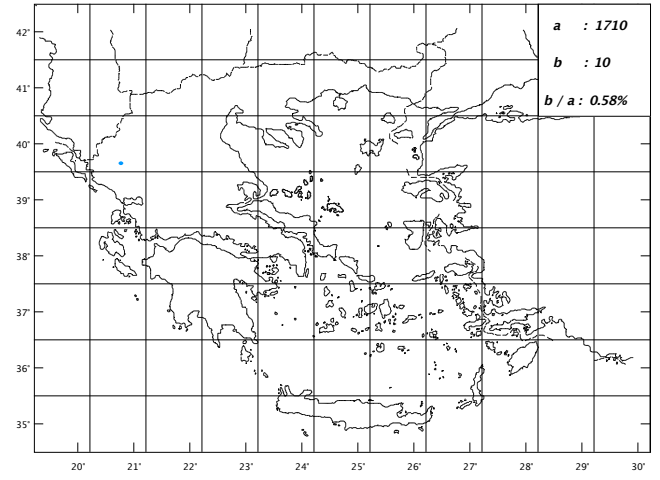
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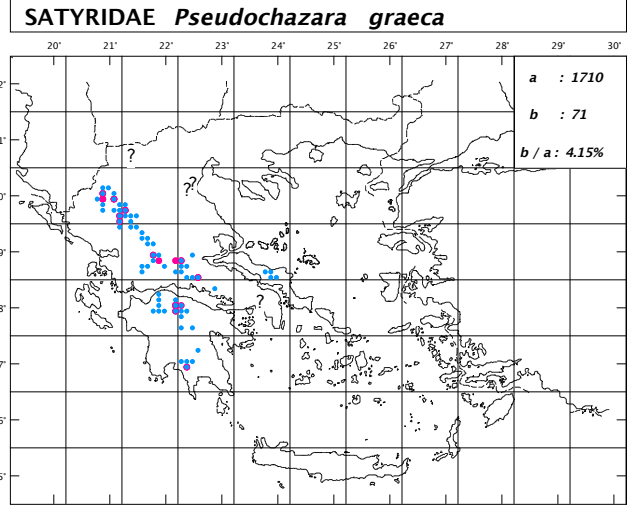
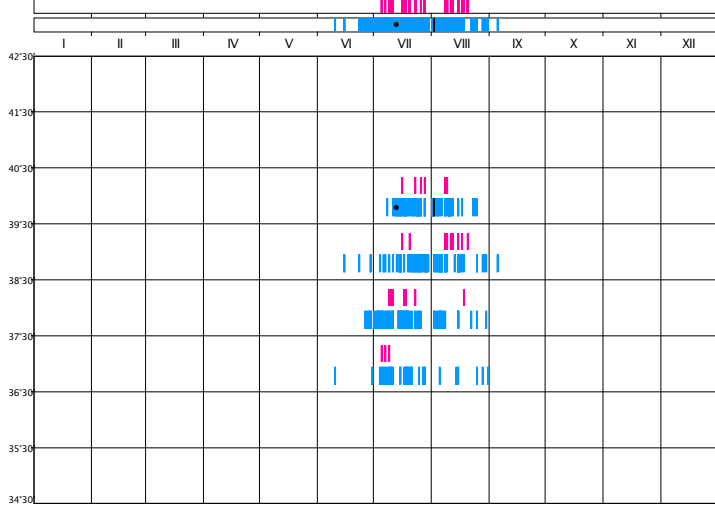
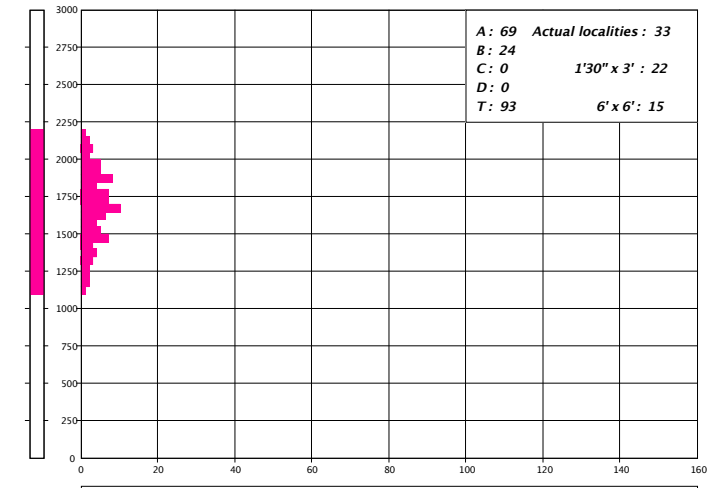
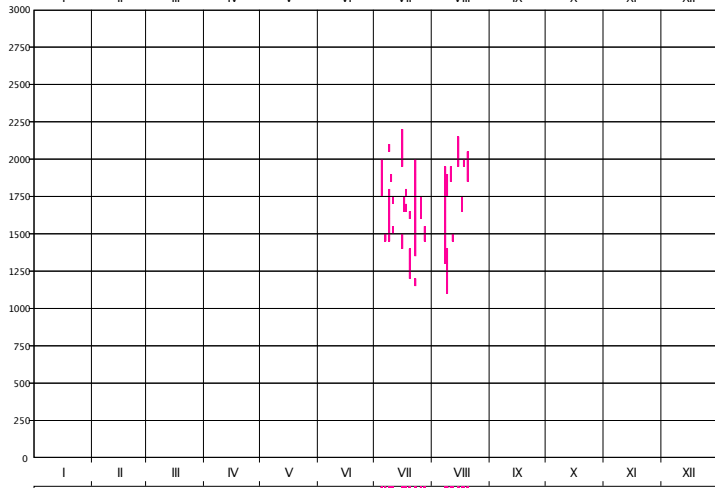
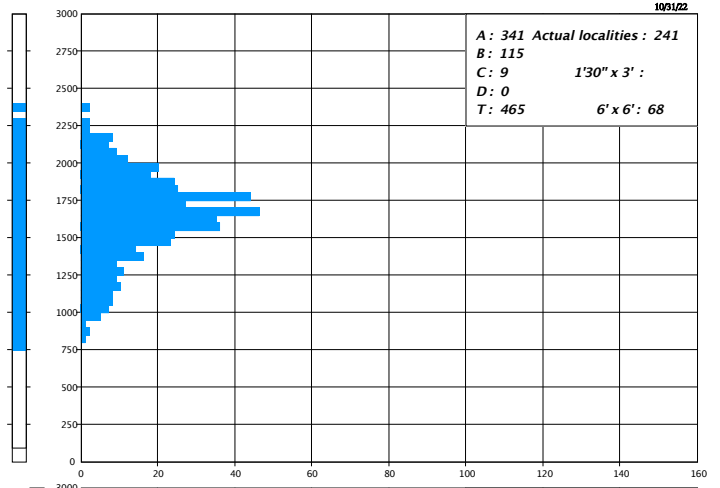
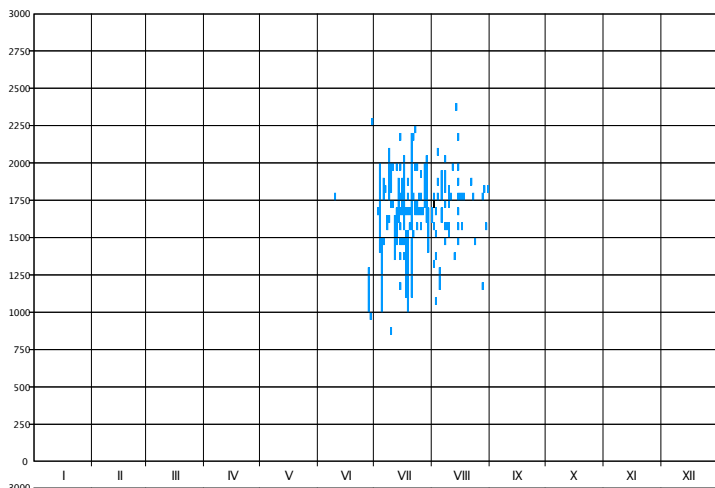


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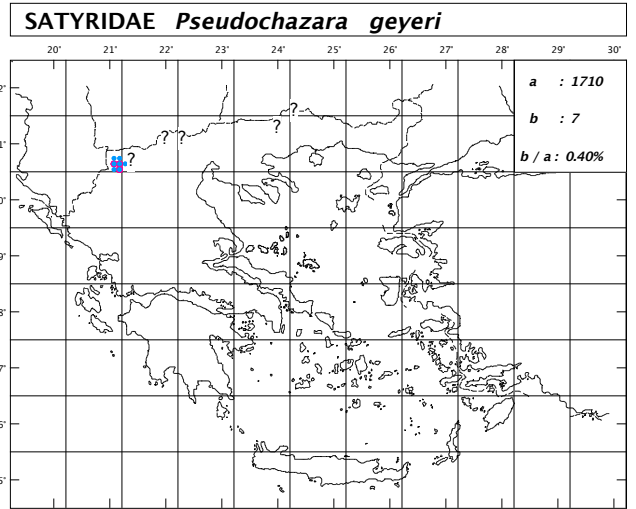
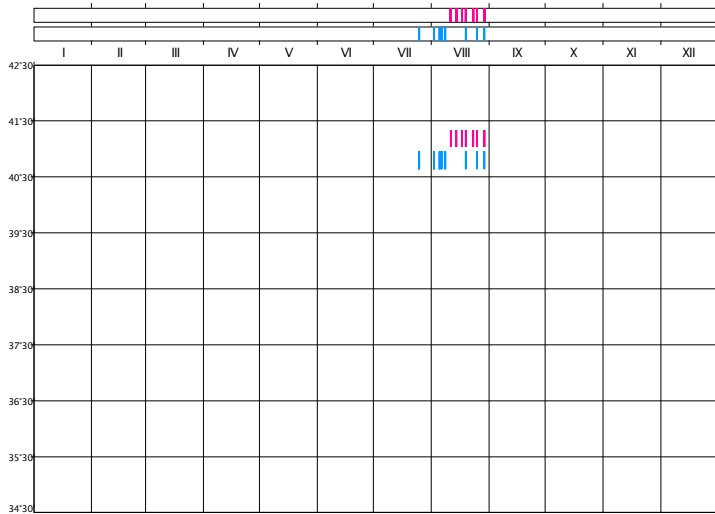
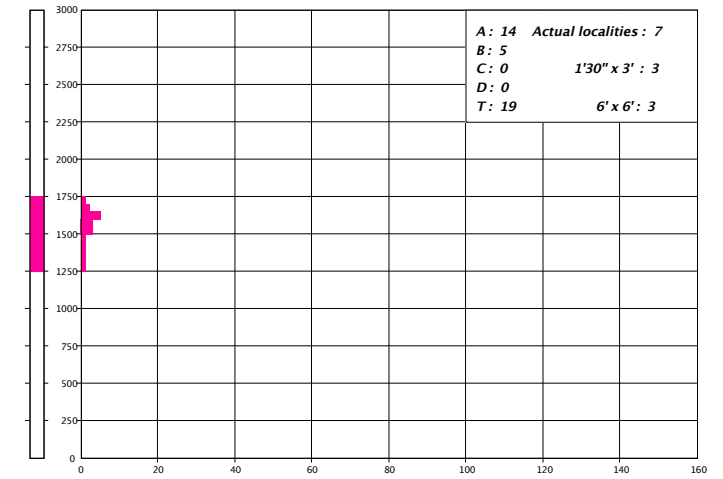
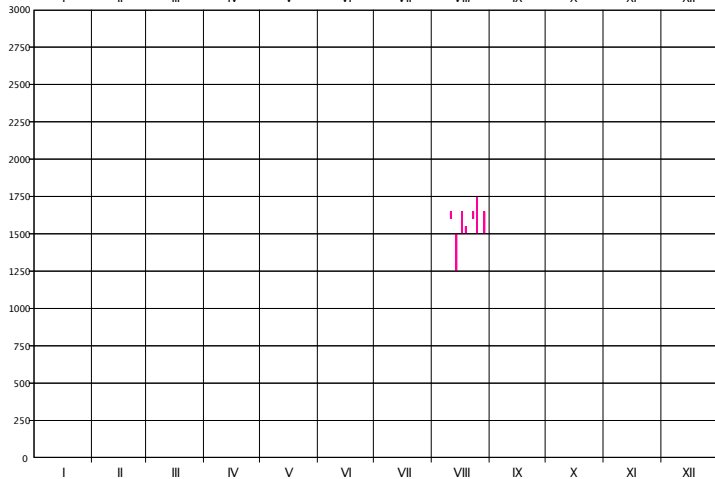
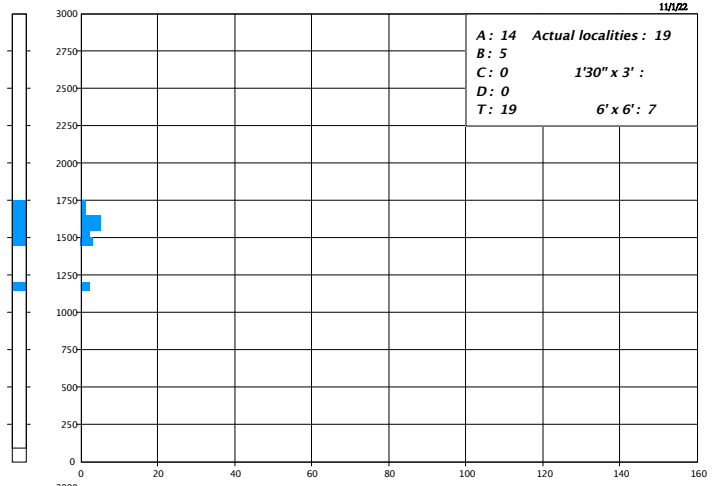
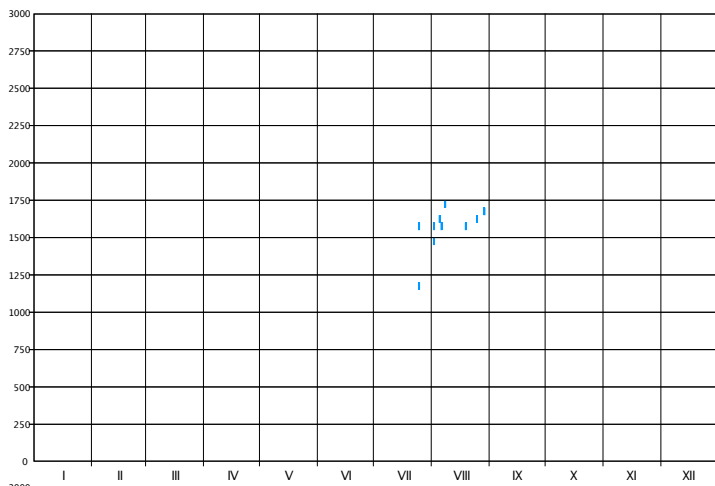


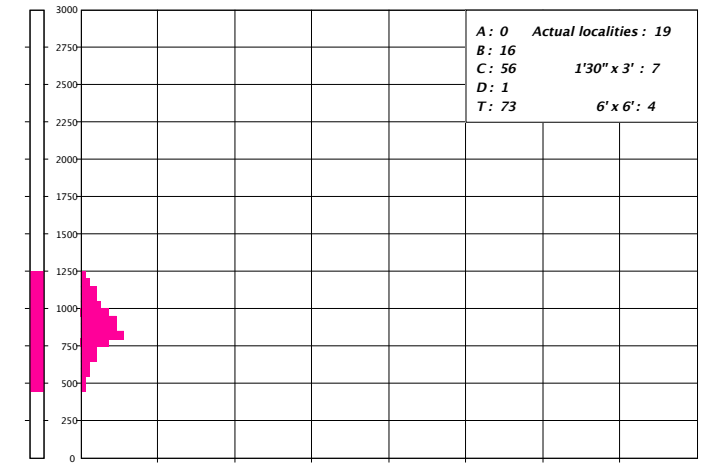
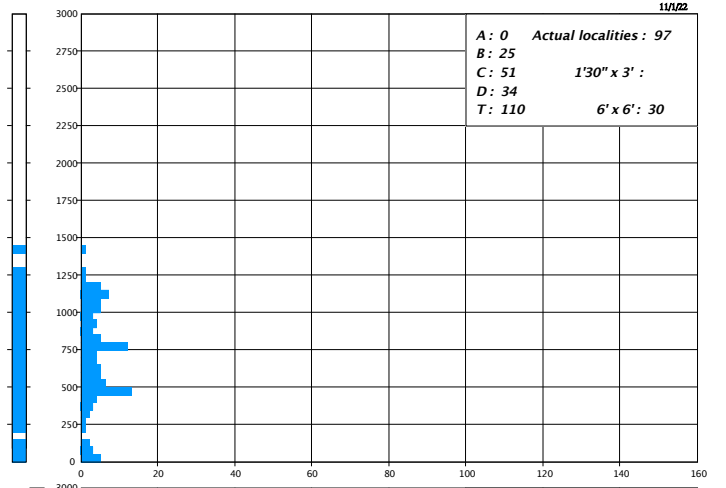
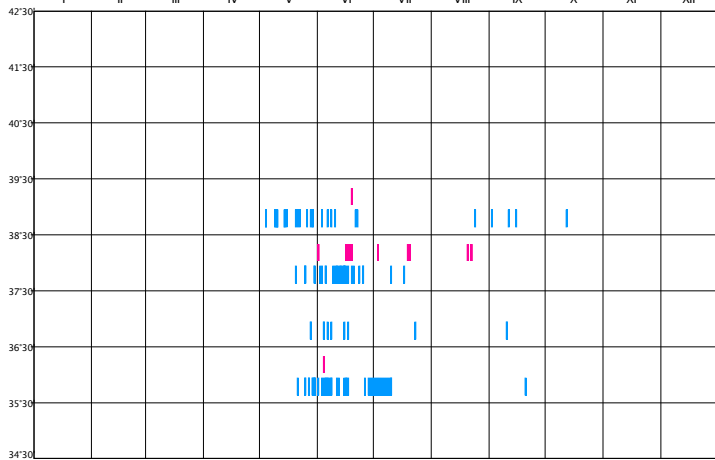
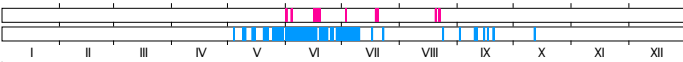
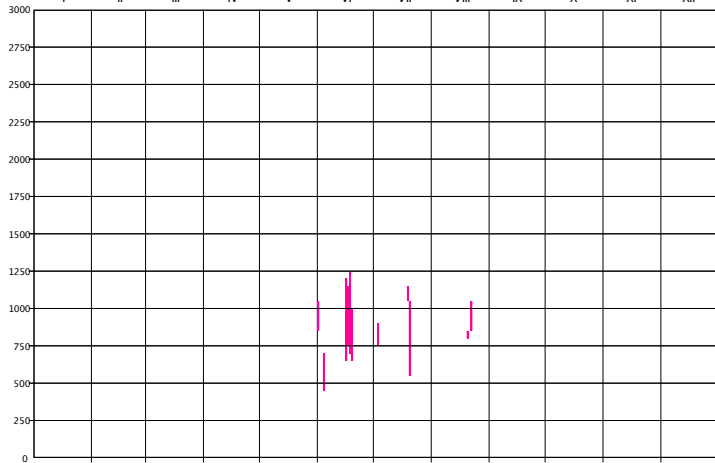
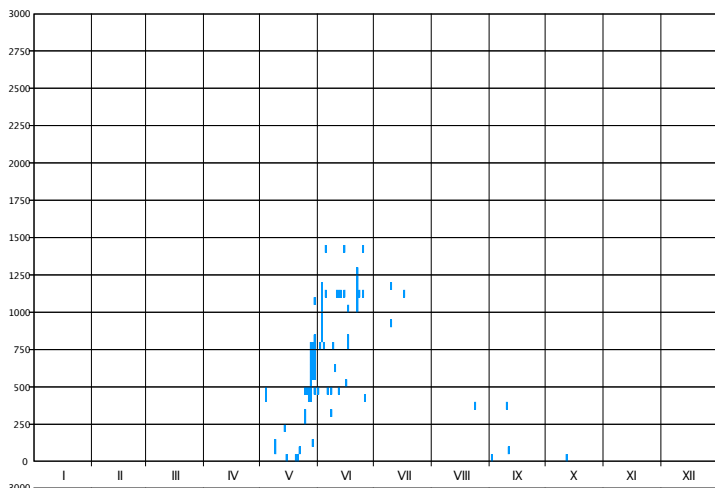
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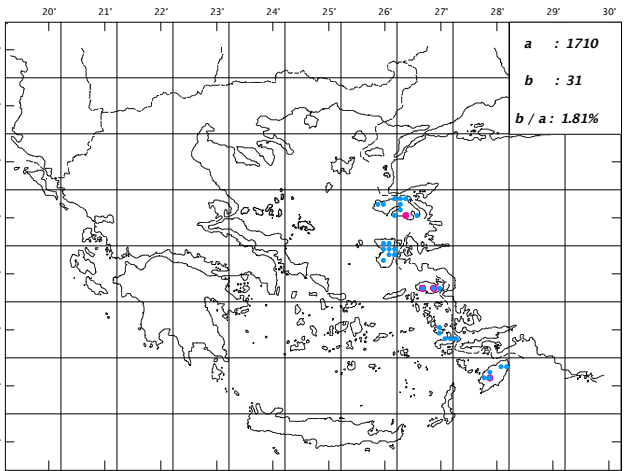


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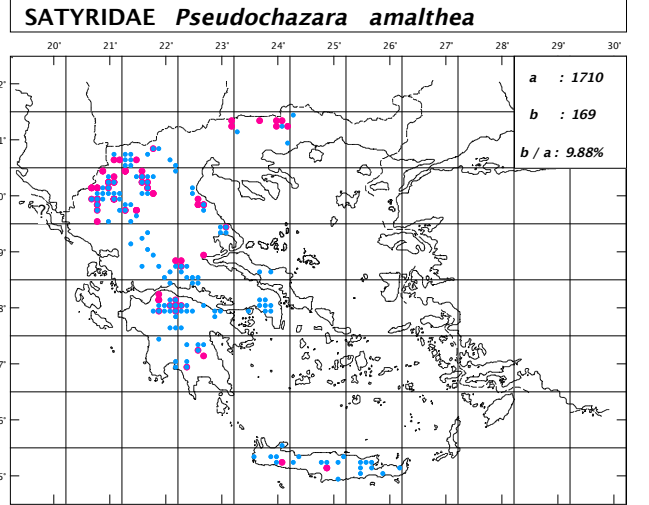
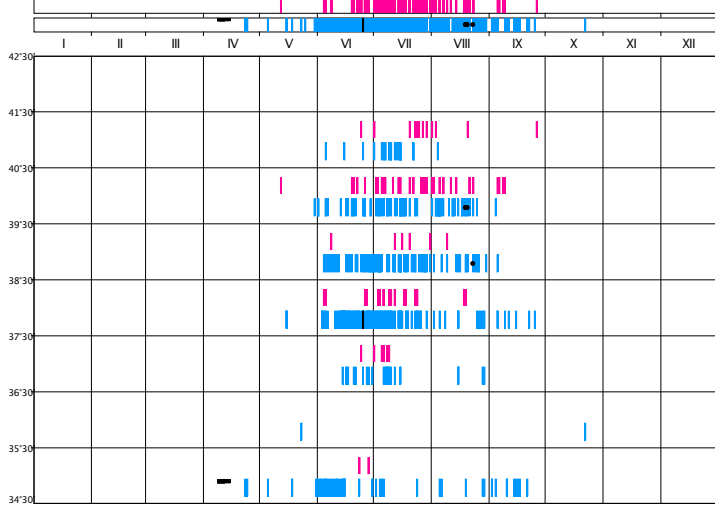
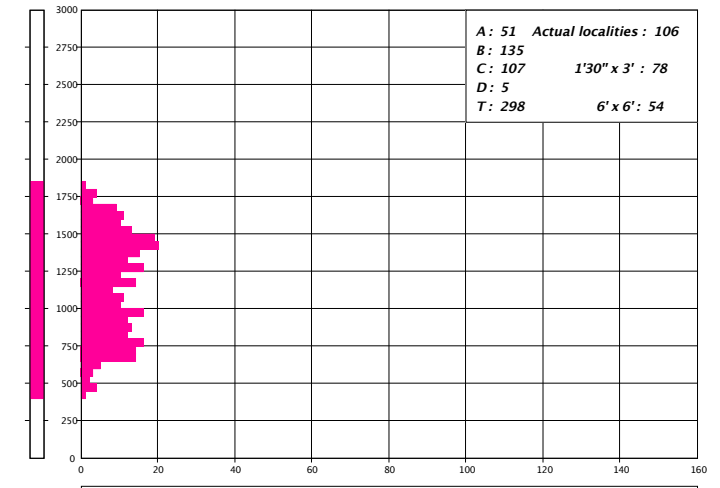
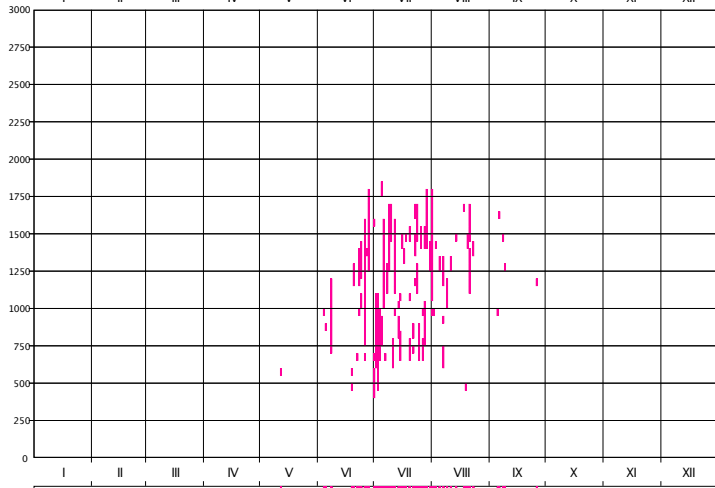
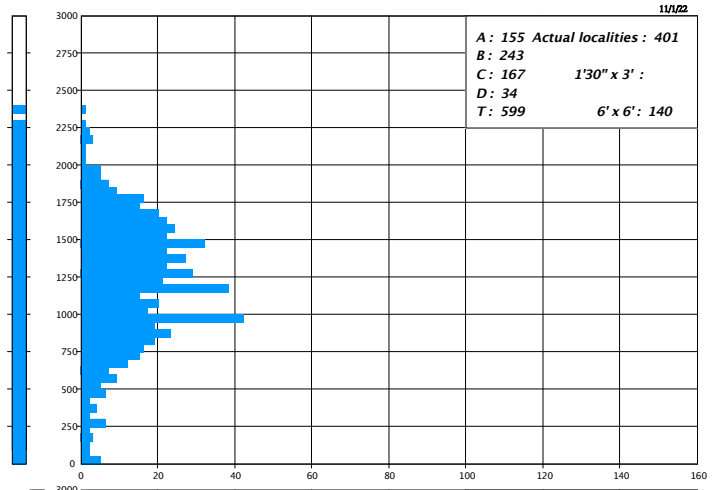
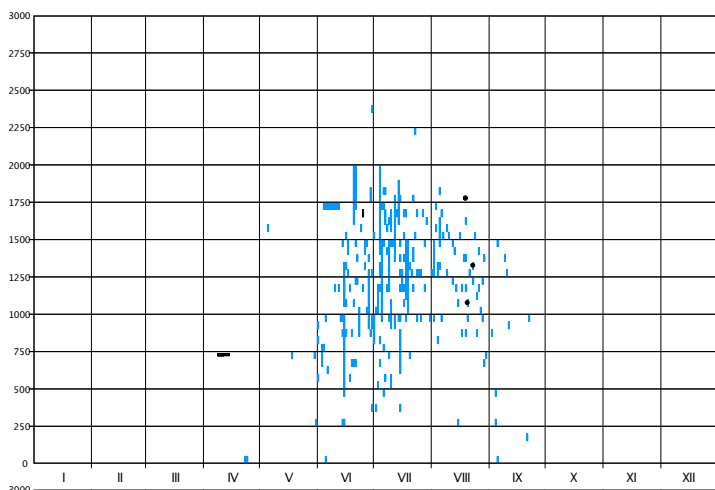




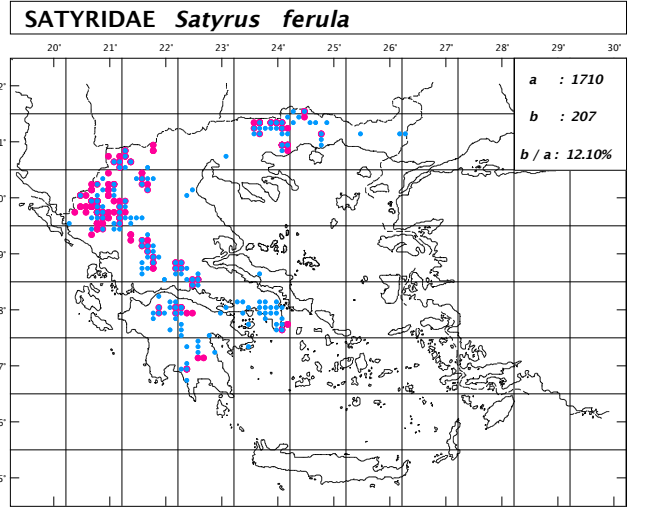
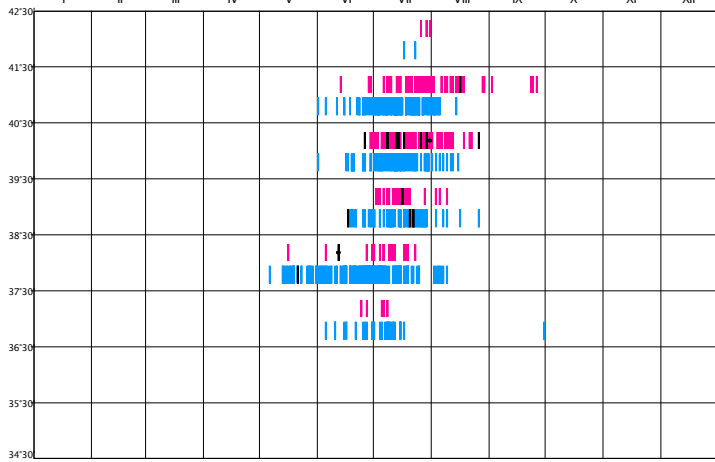
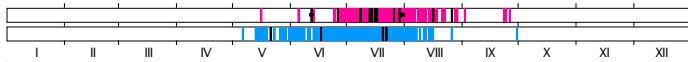
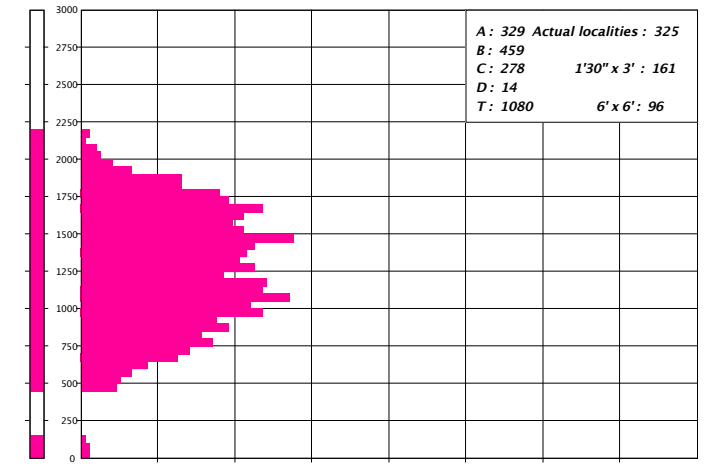
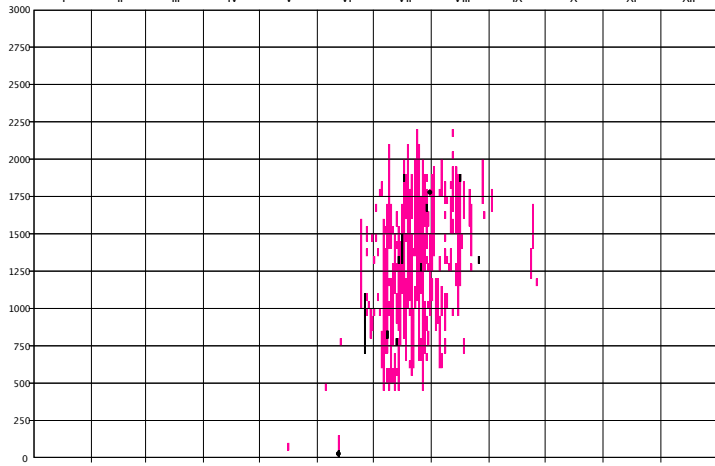
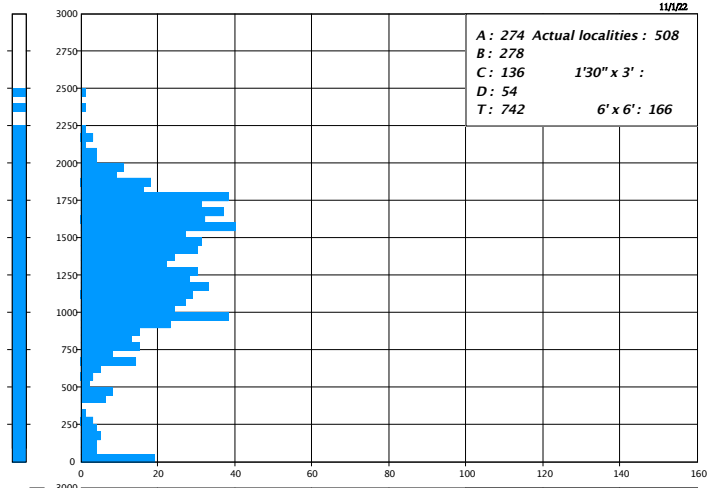
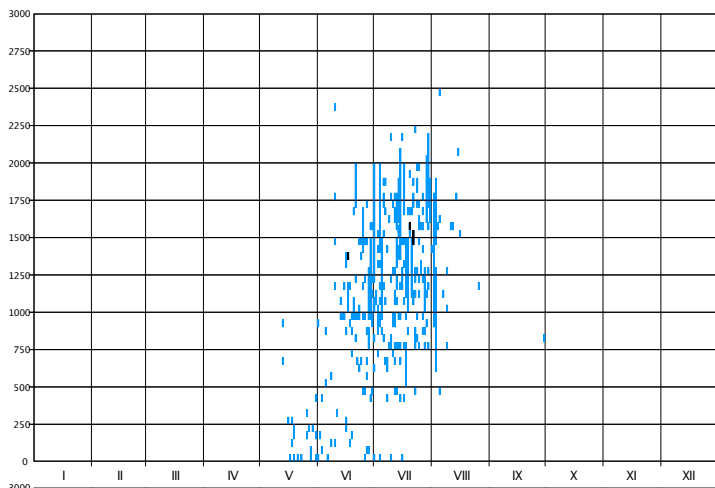
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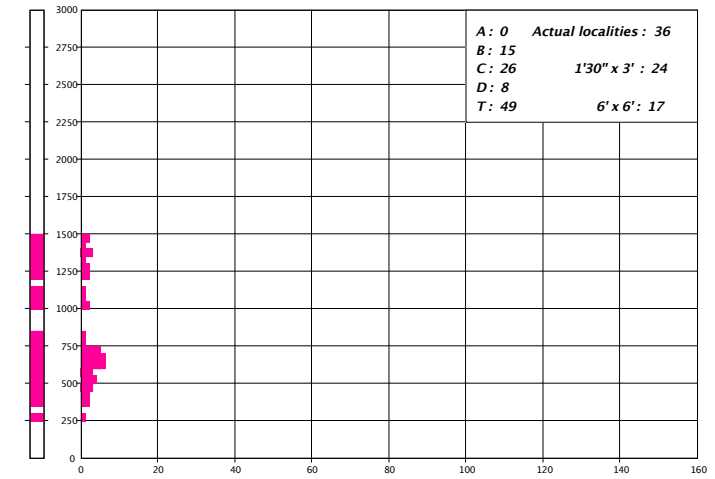
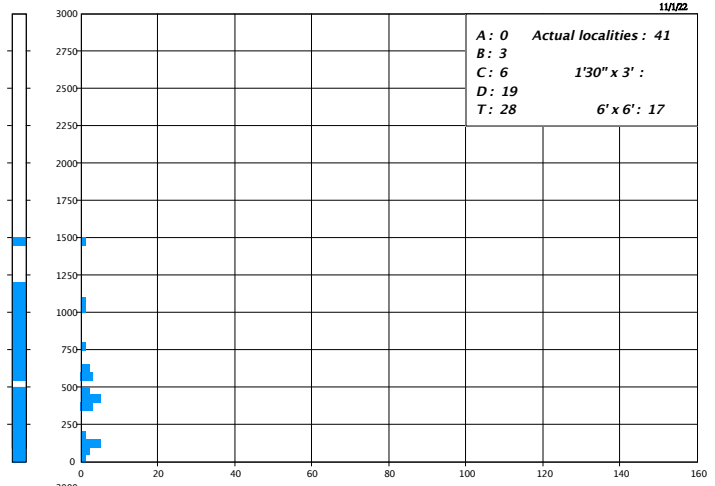
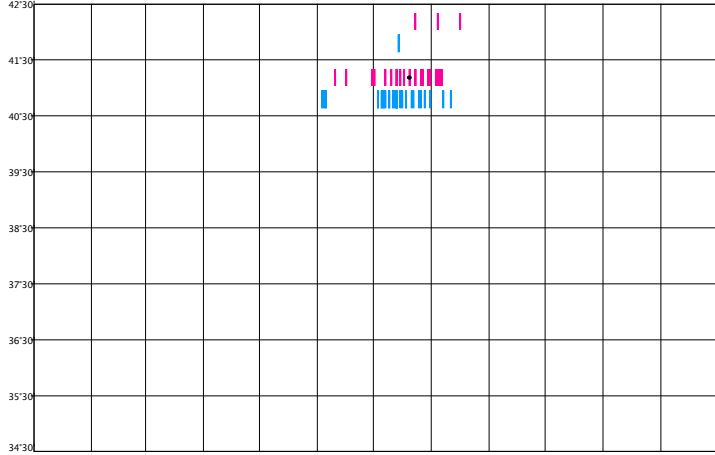
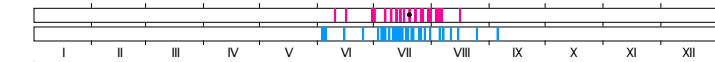
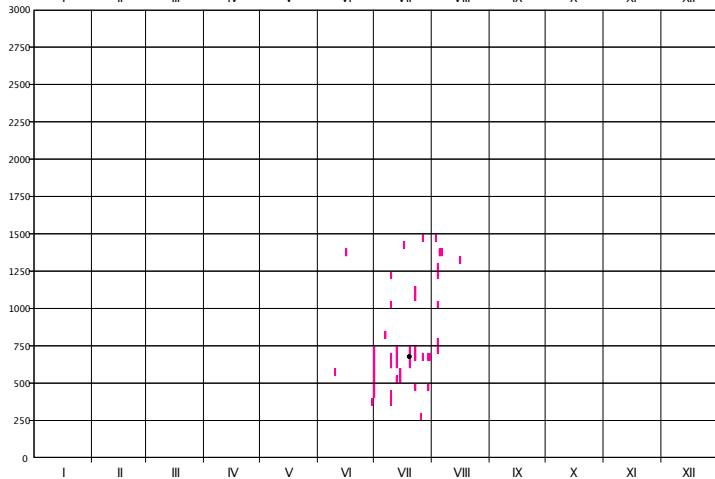
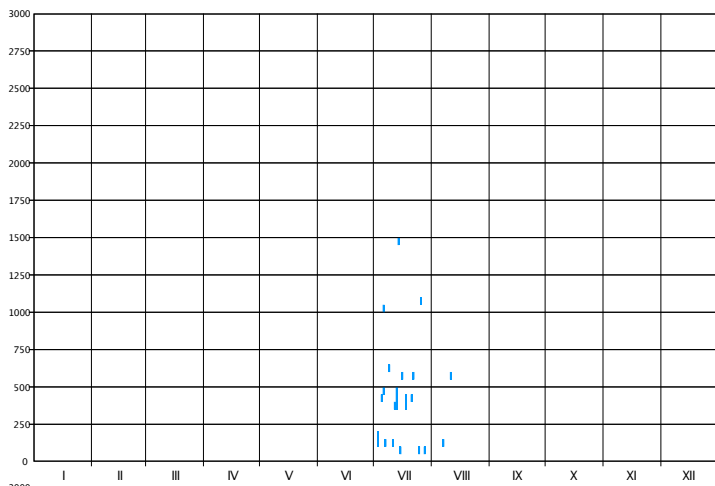


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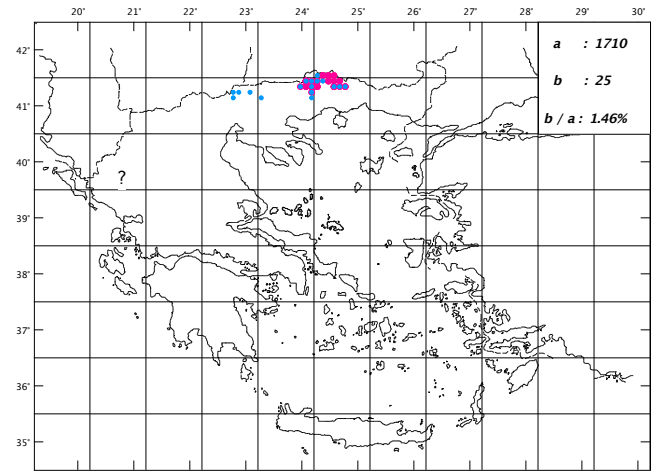


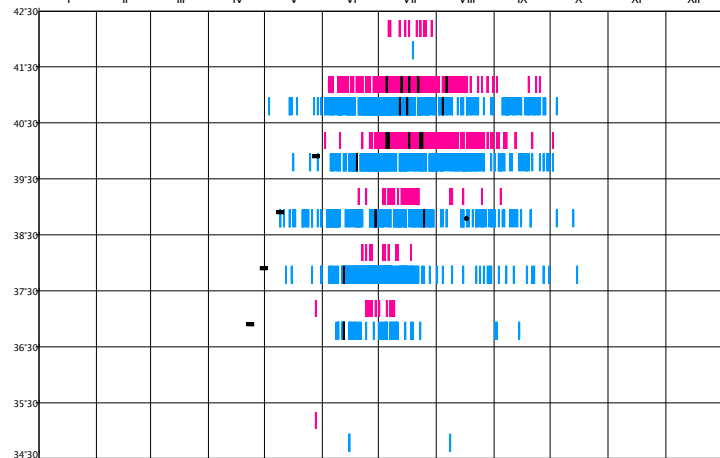
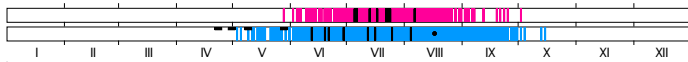
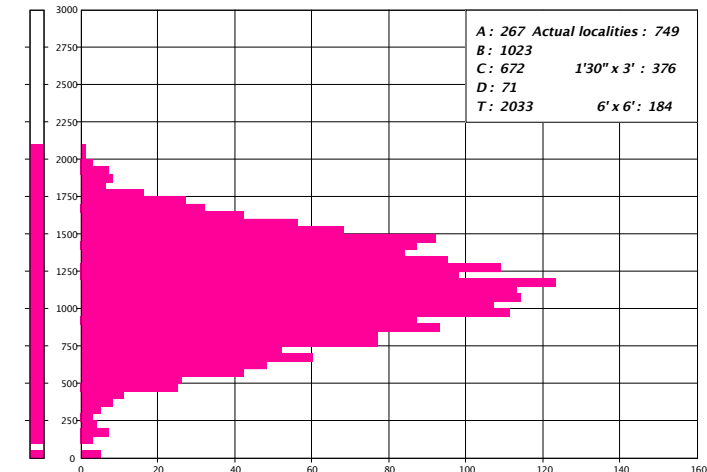
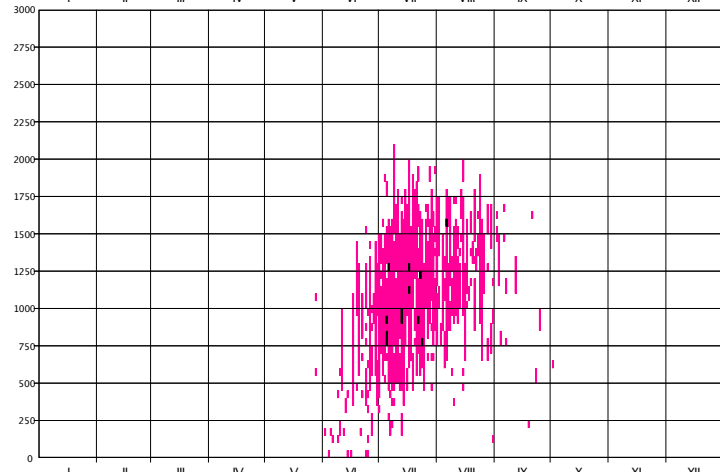
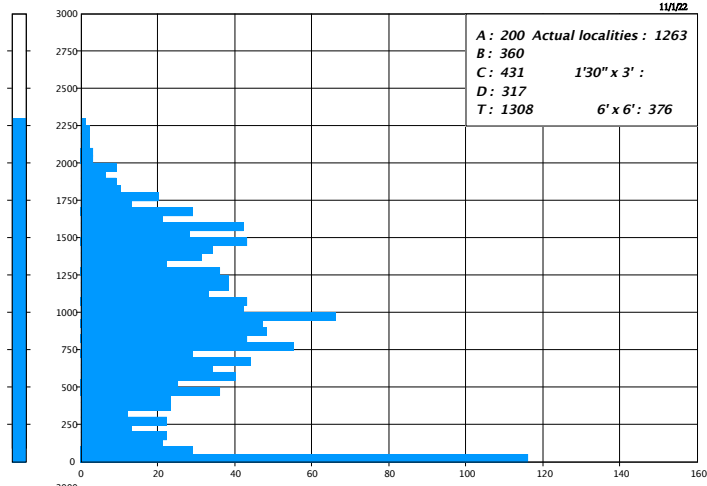
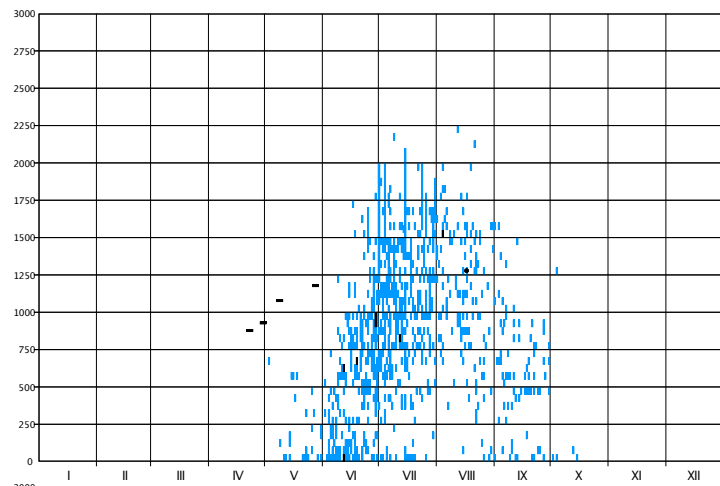
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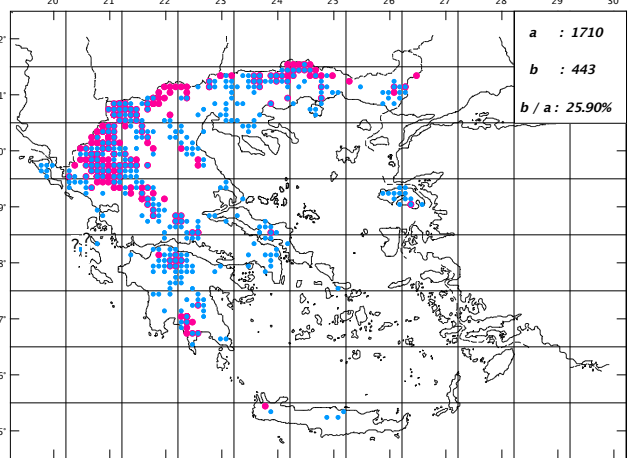


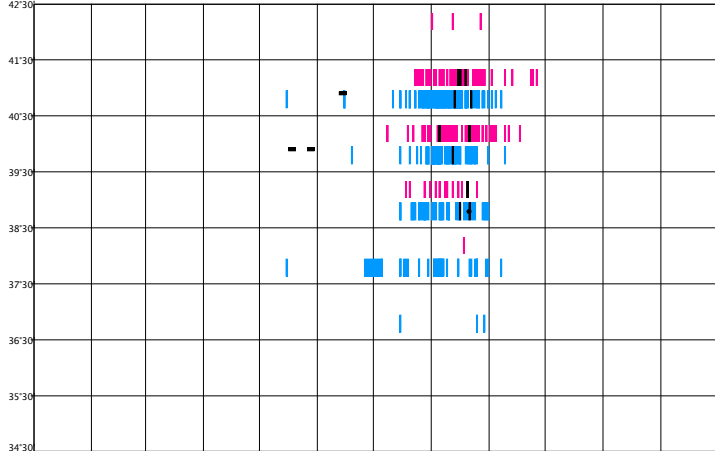
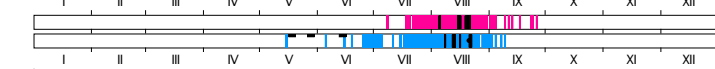
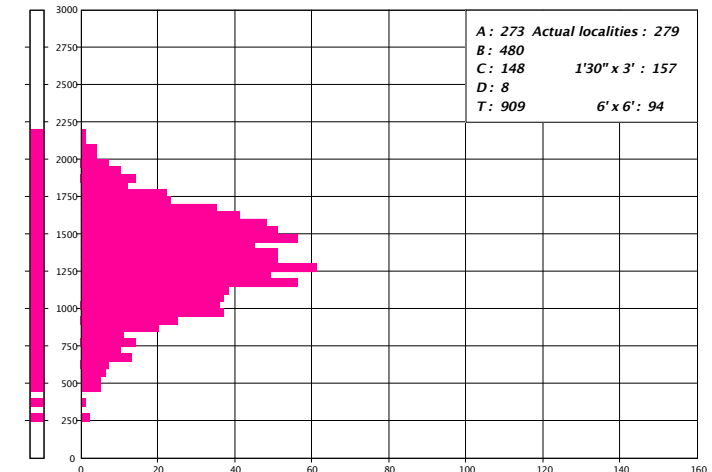
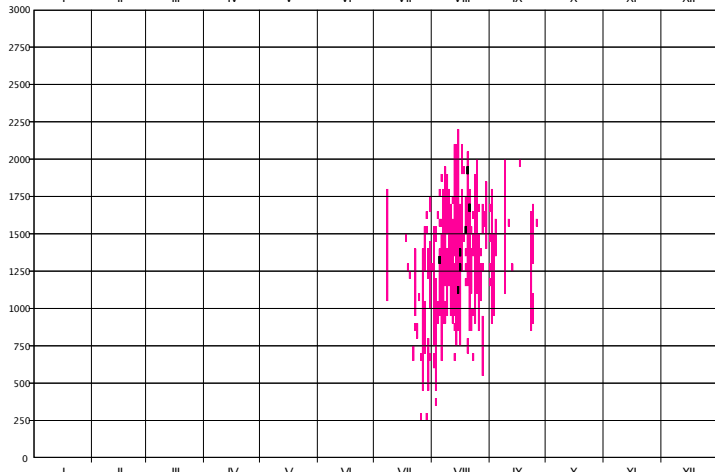
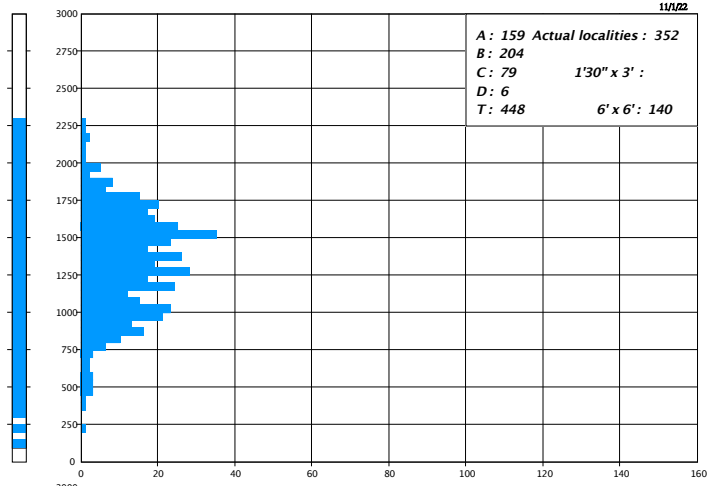
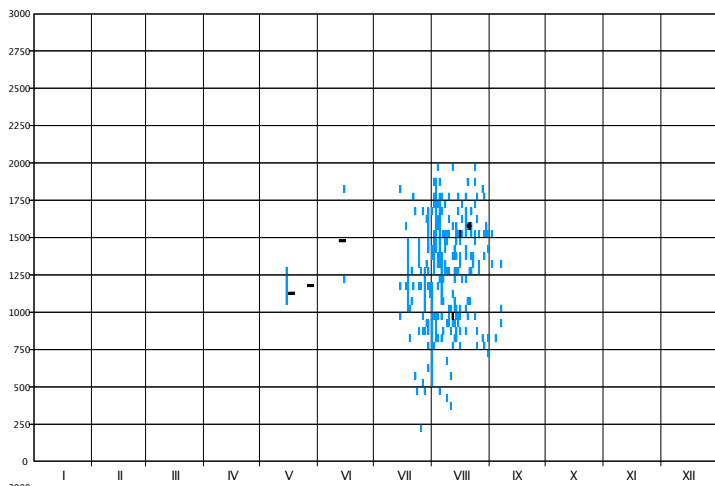
**SATYRIDAE *Minois dryas***



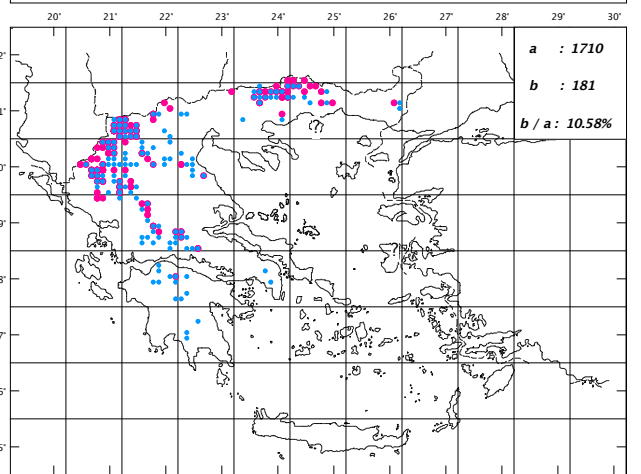


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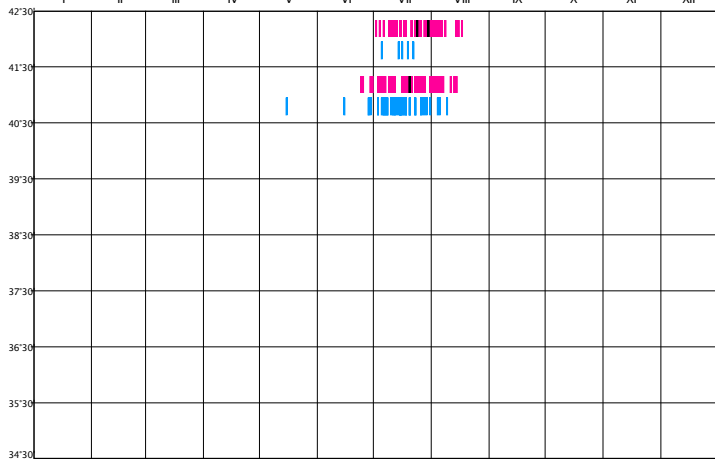
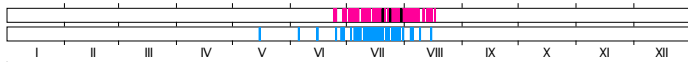
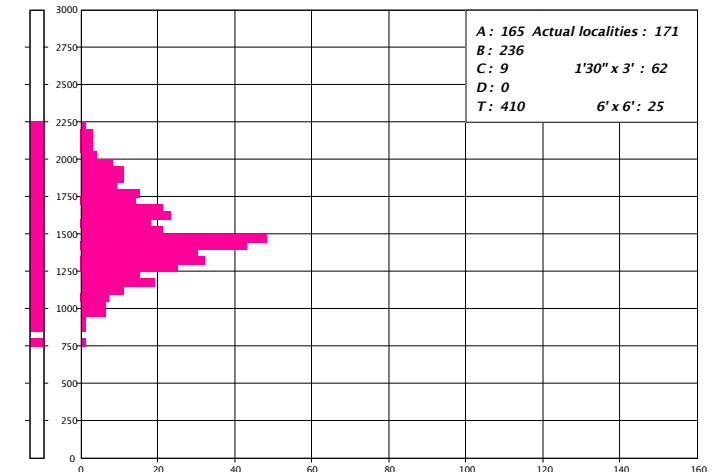
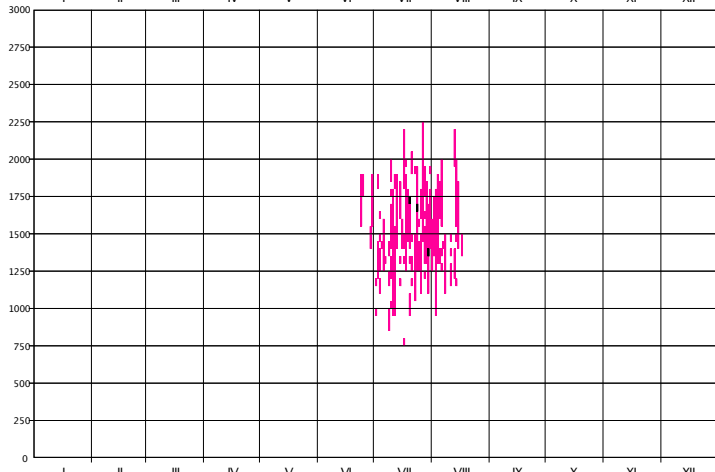
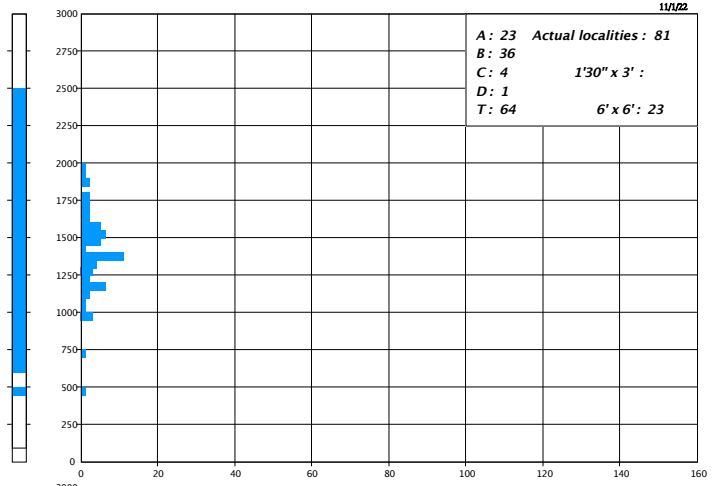
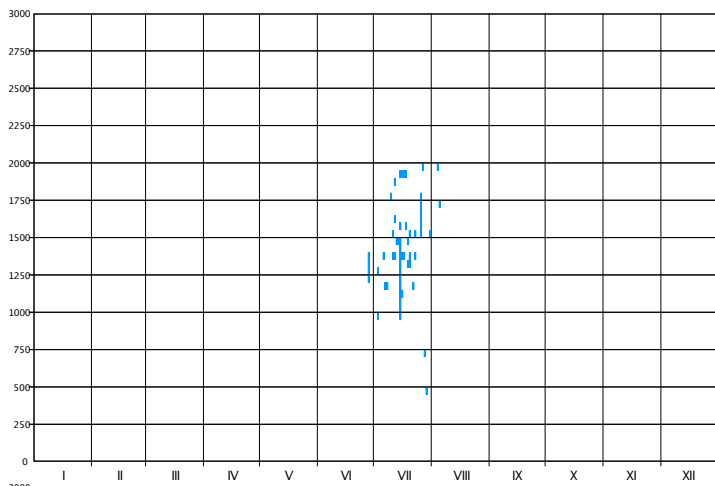




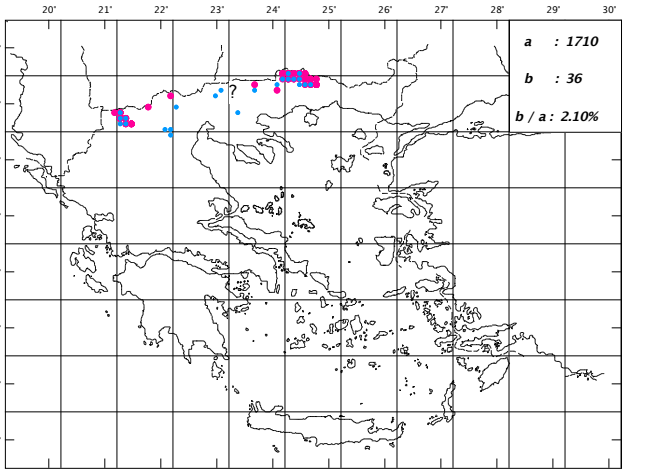
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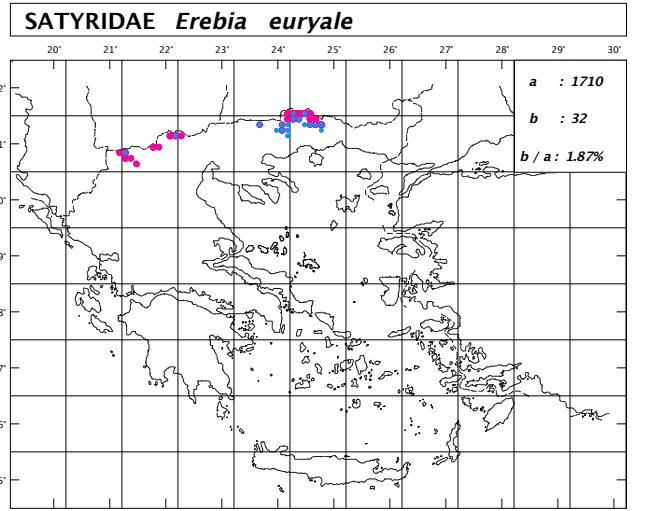
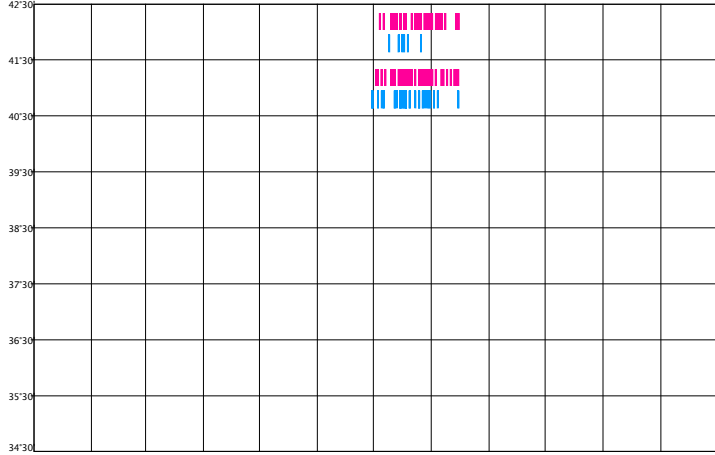
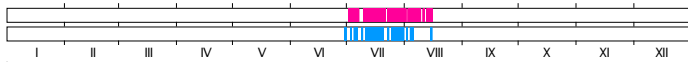
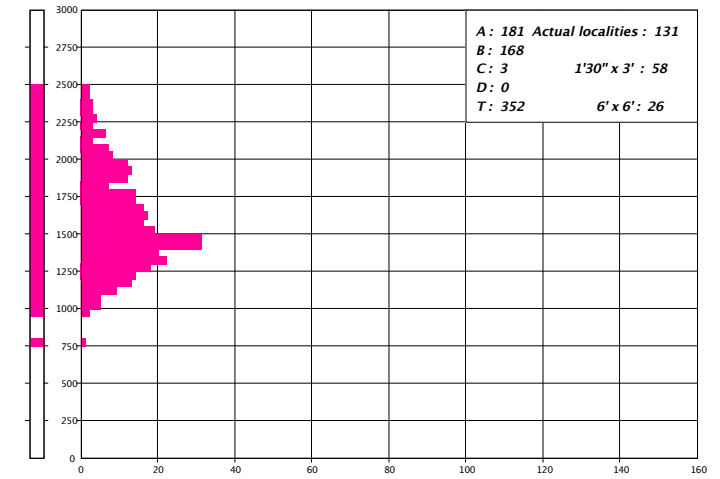
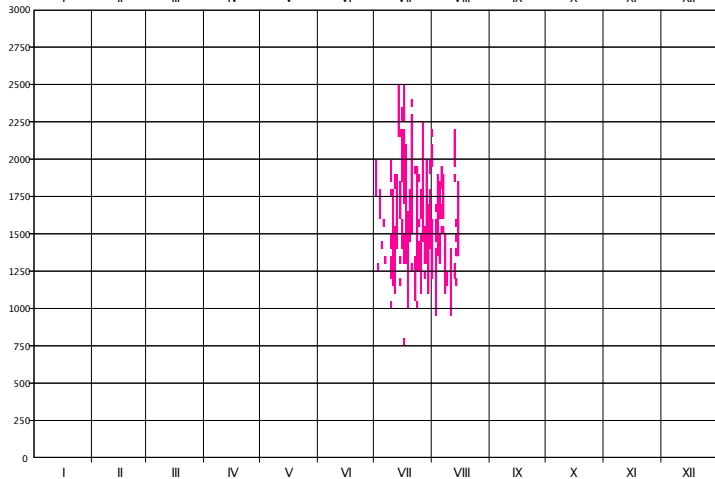
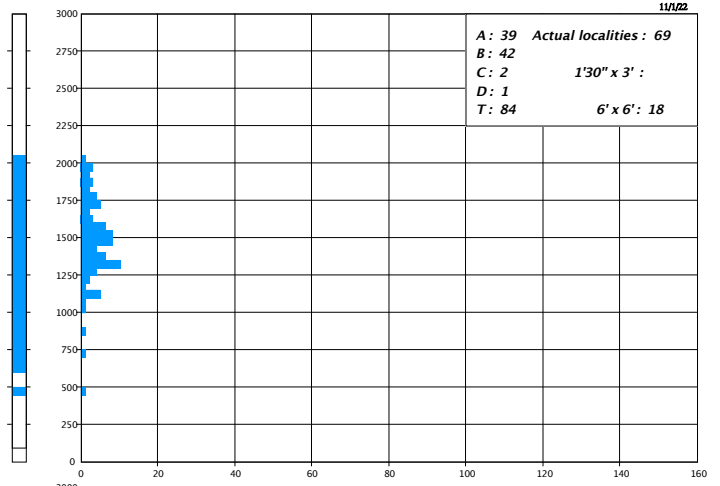
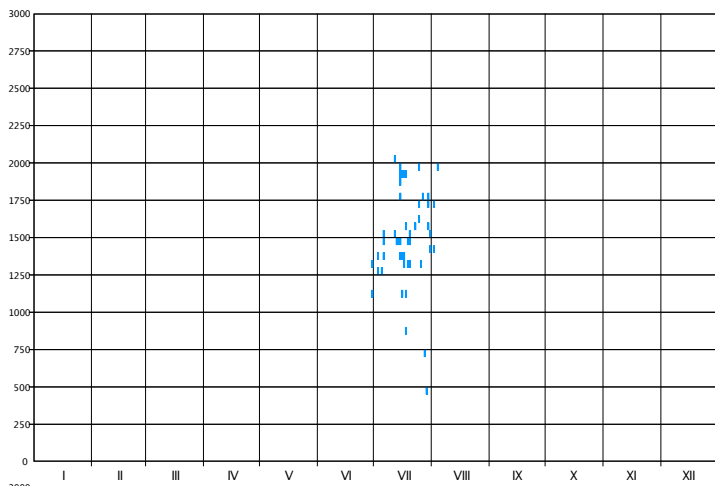


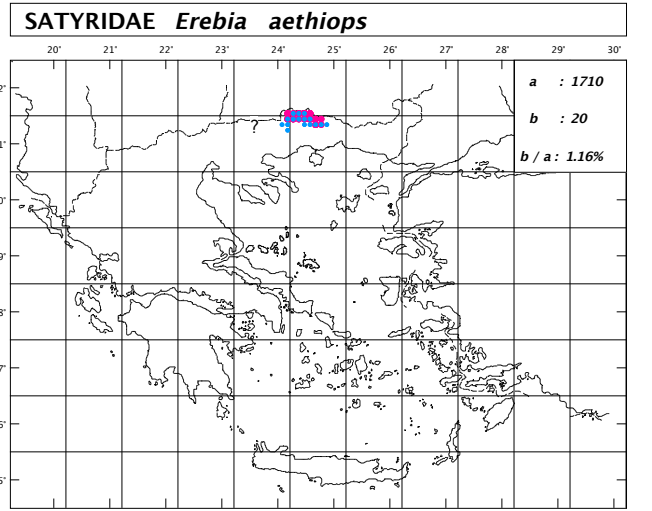
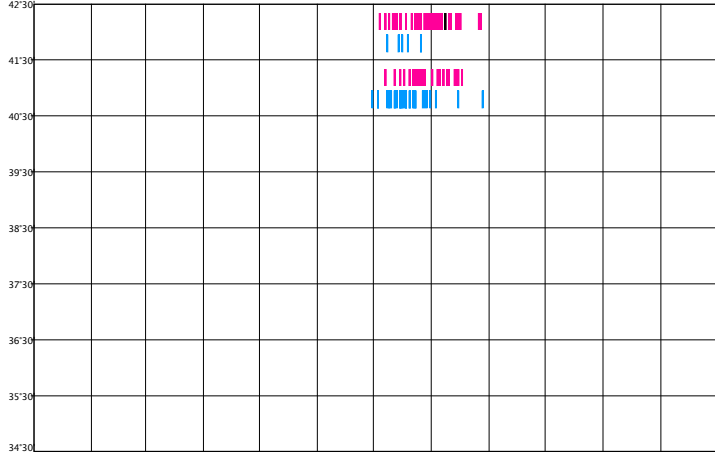
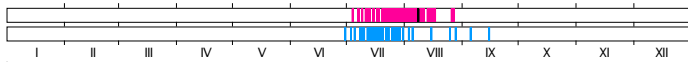
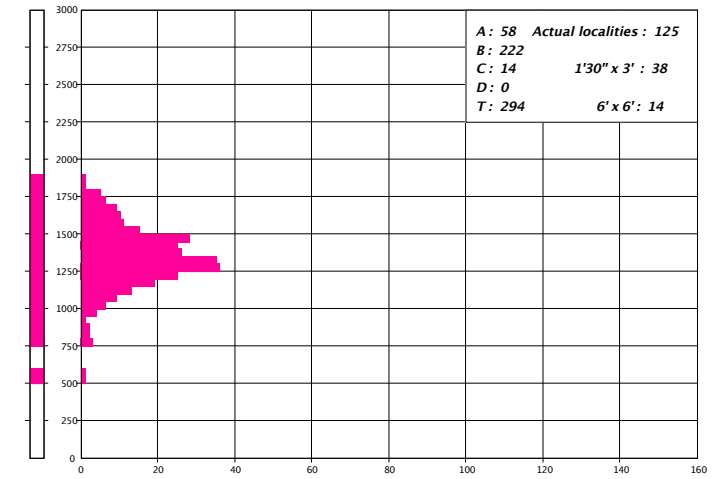
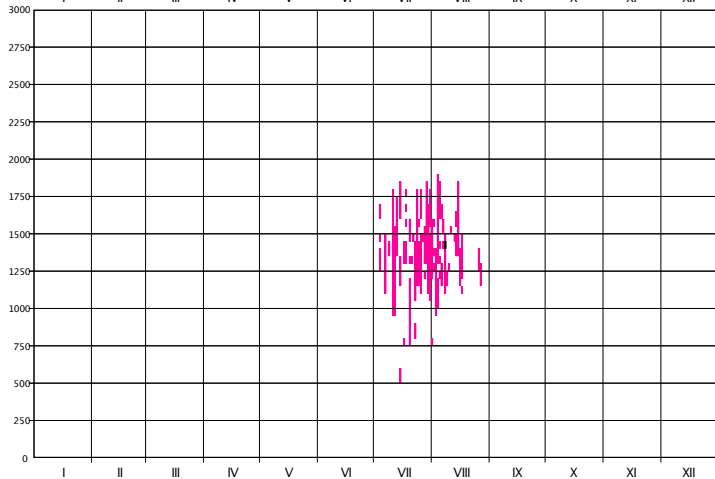
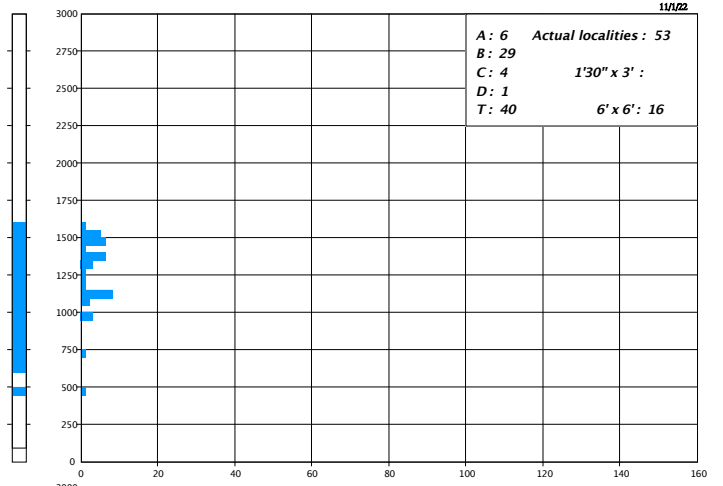
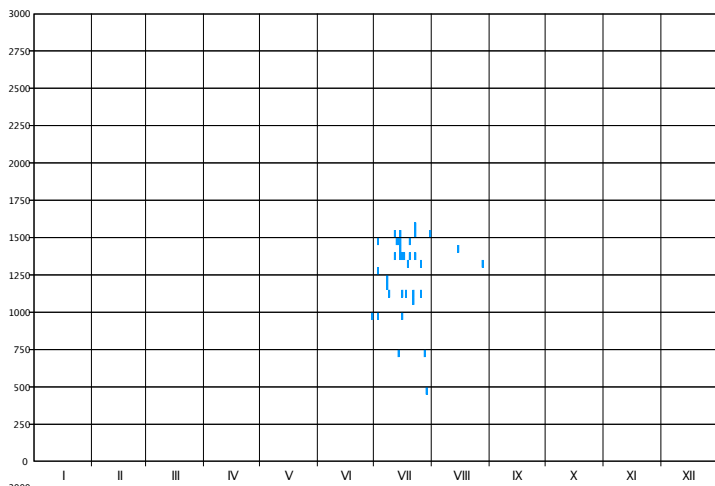


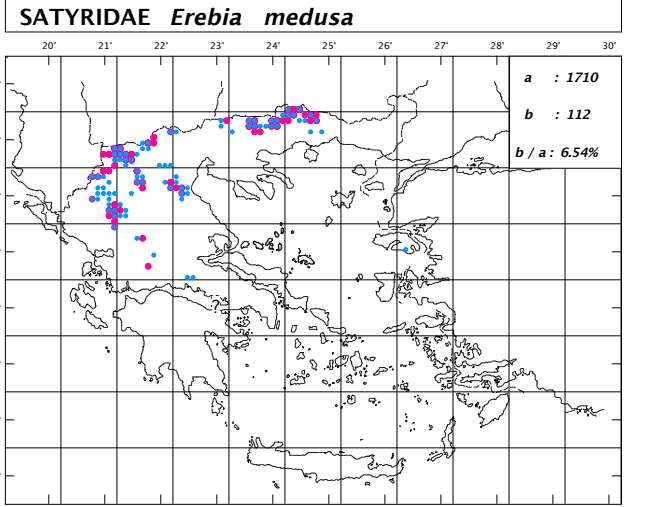
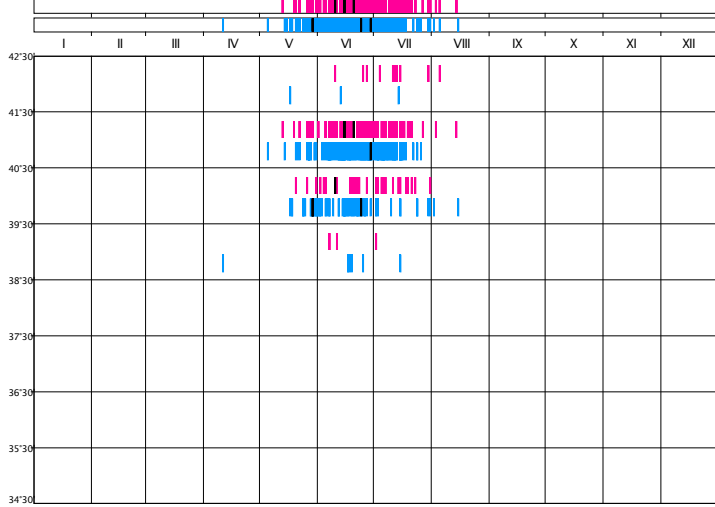
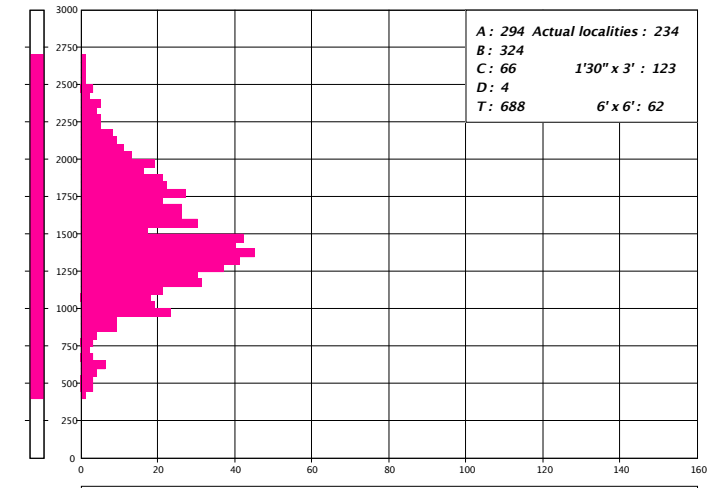
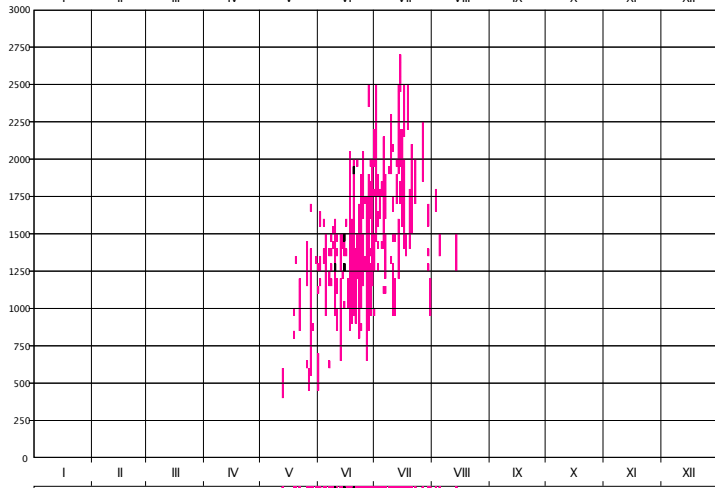
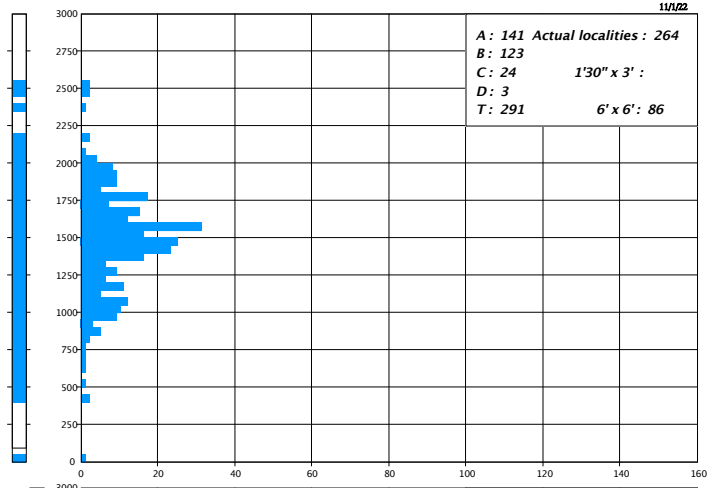
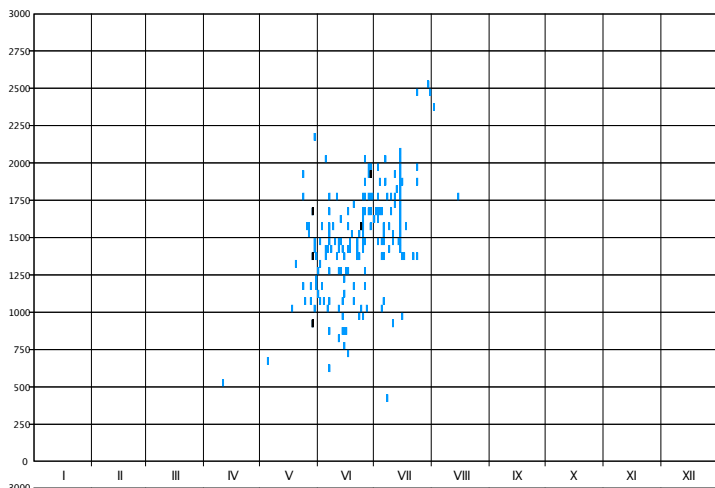


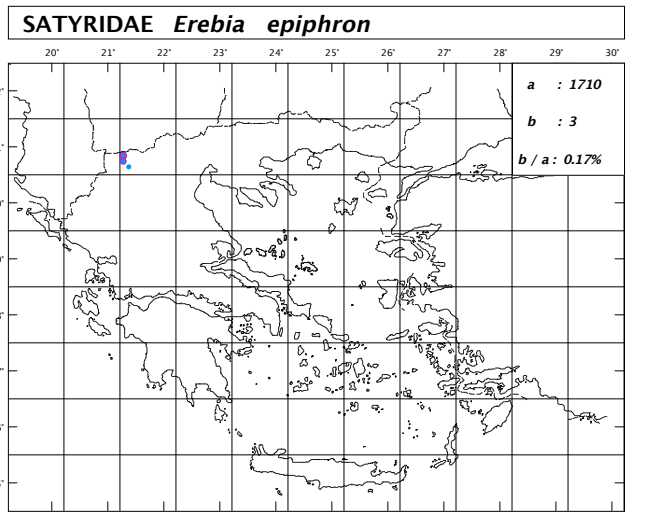
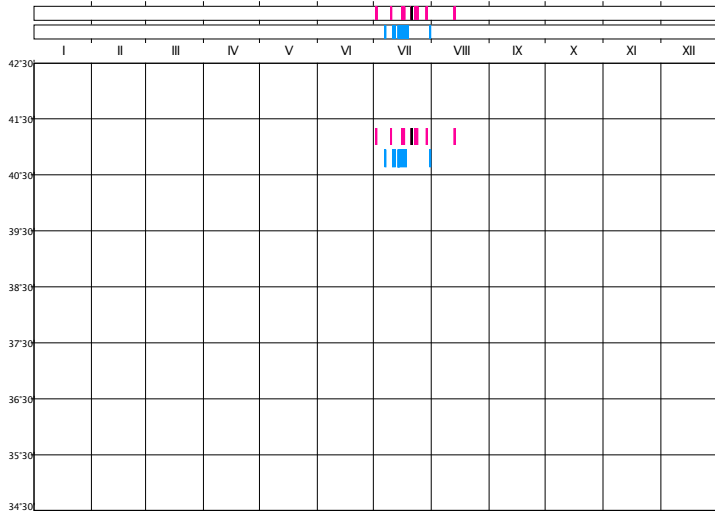
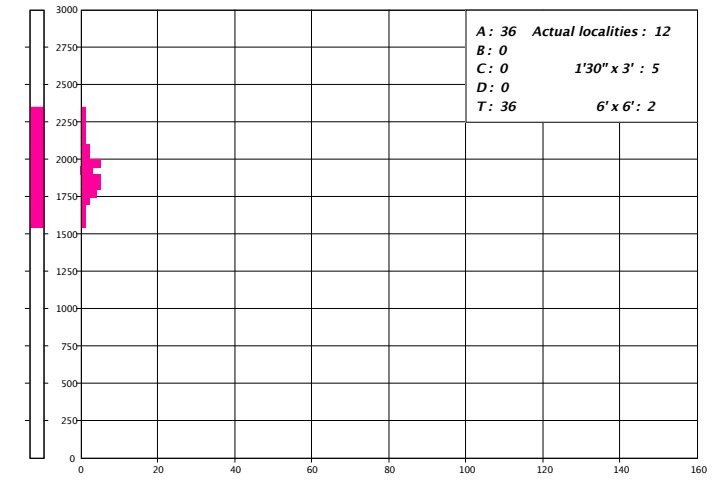
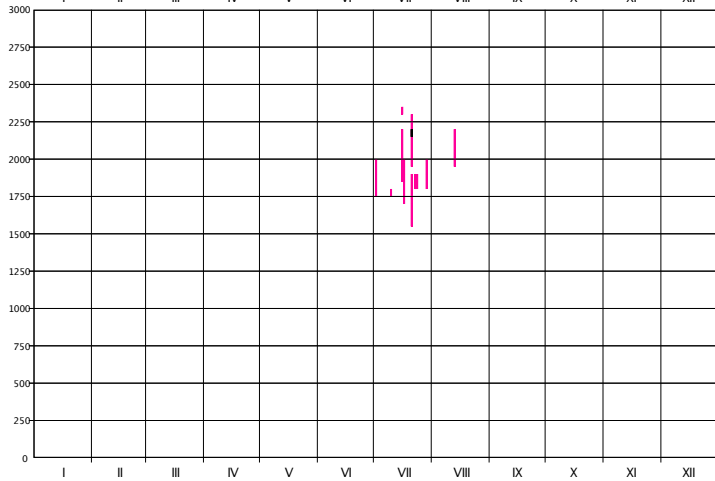
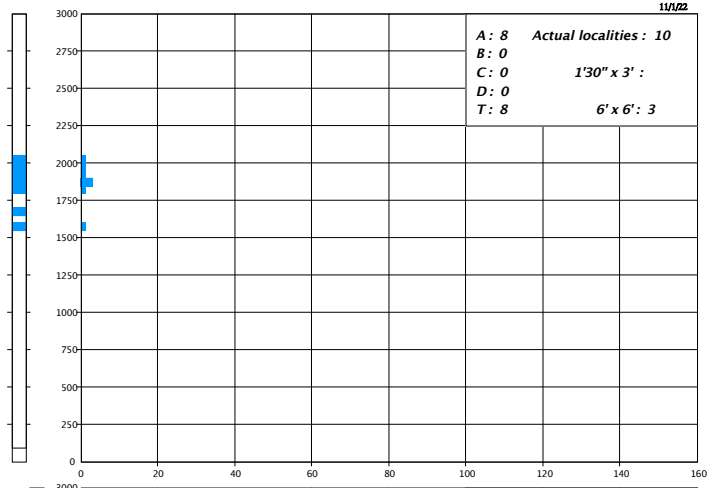
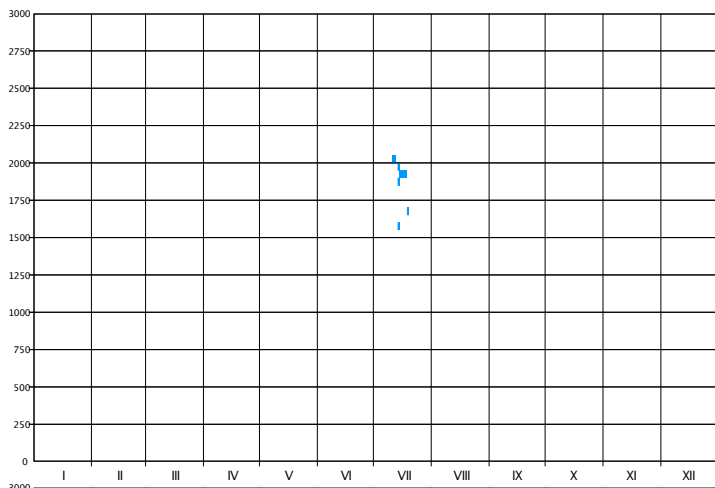
**SATYRIDAE *Erebia ligea***

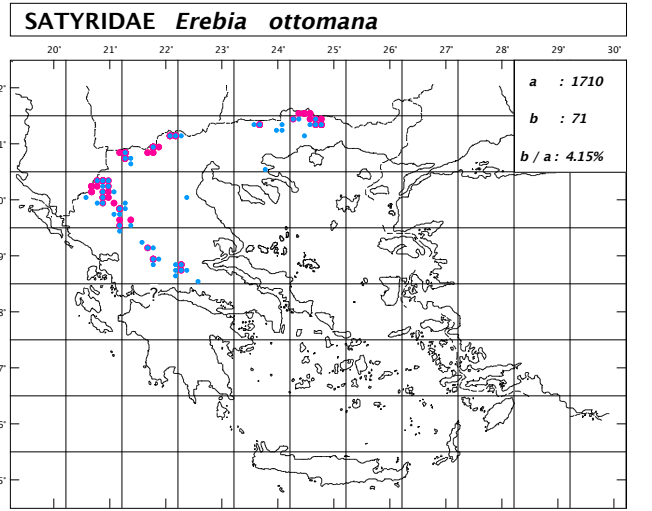
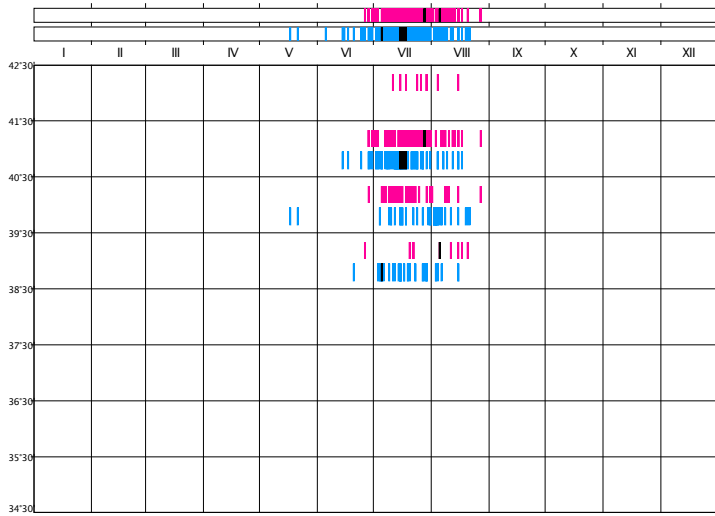
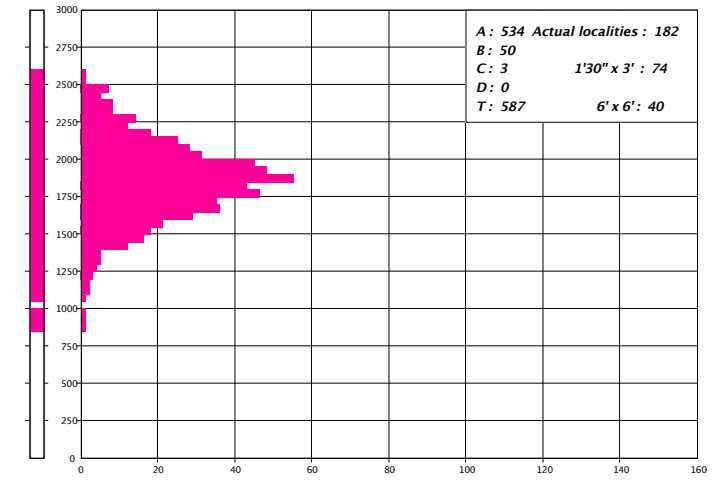
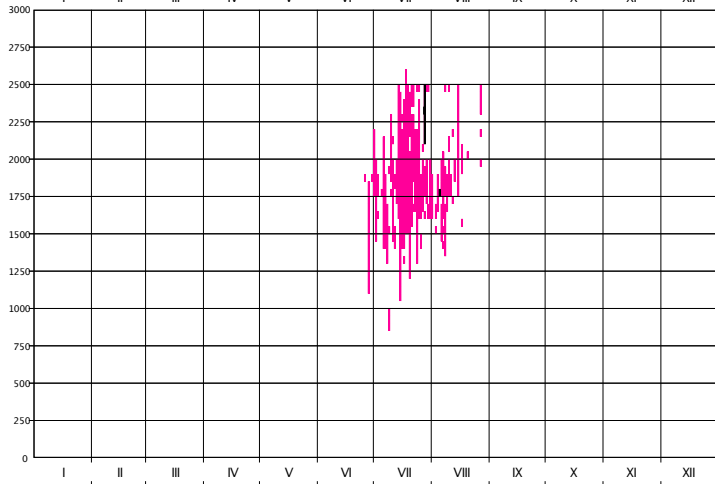
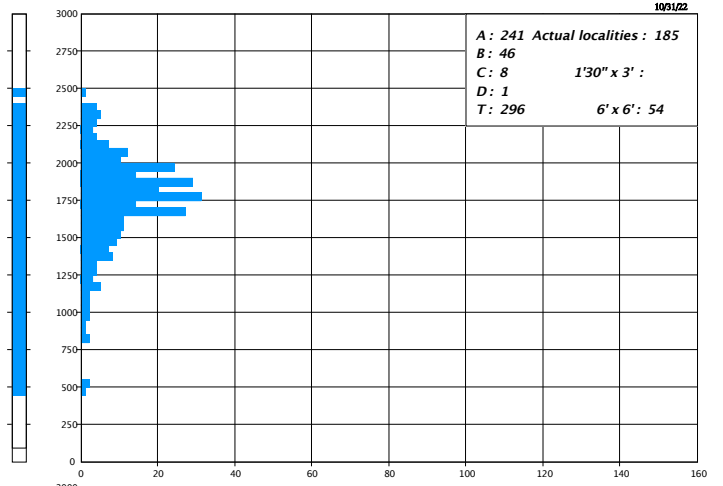
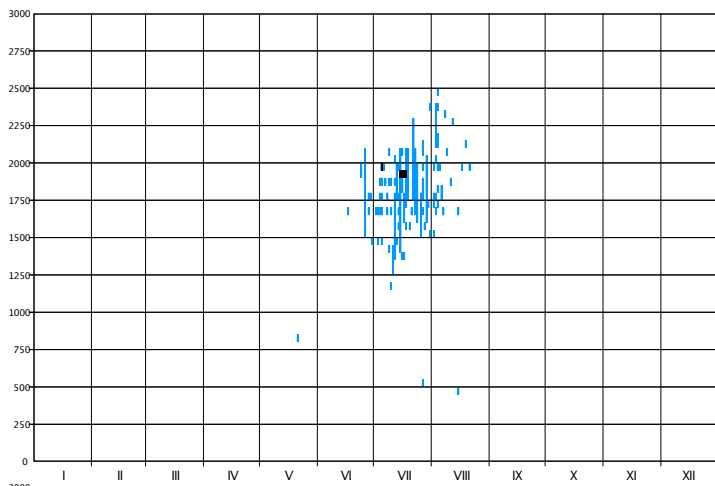


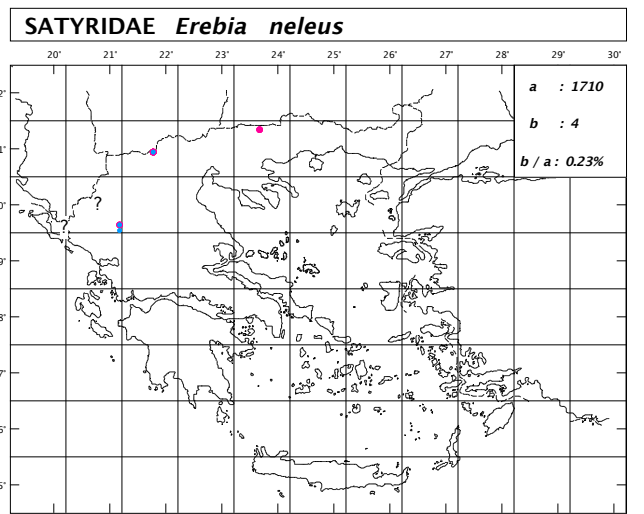
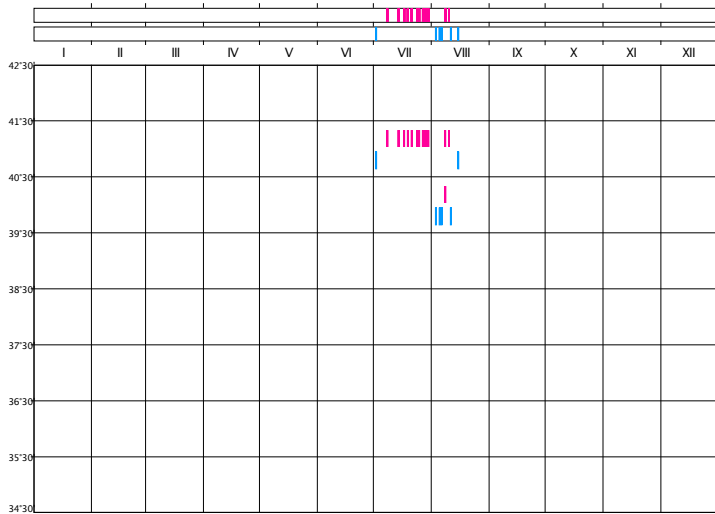
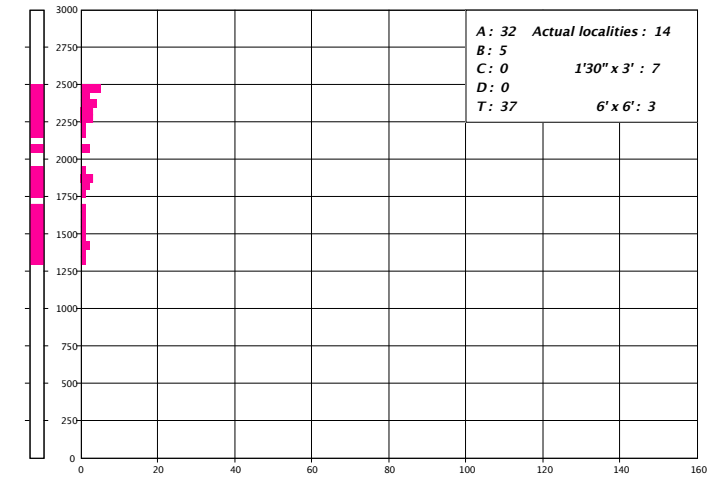
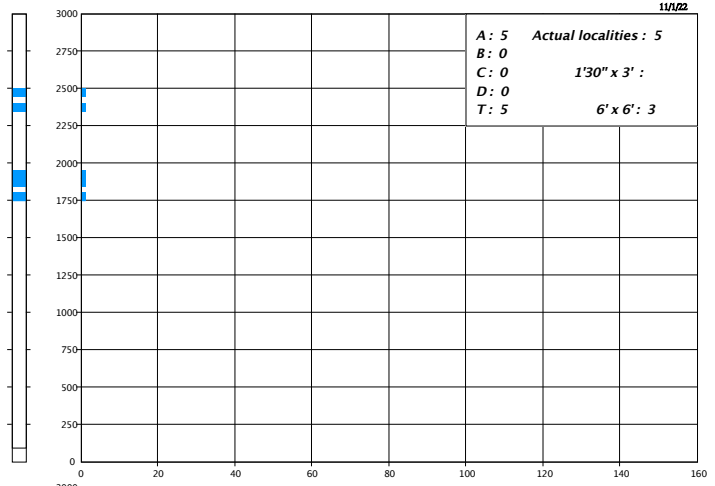
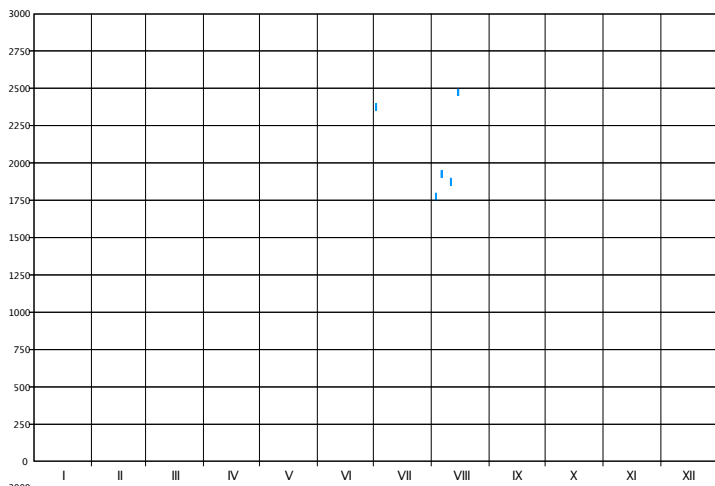


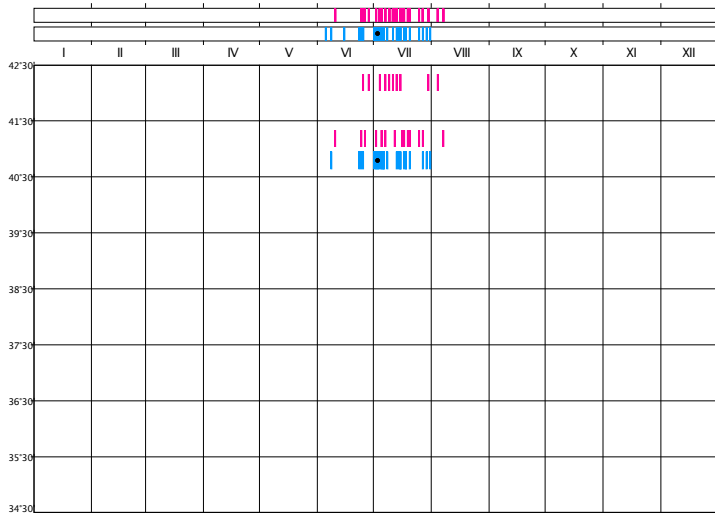
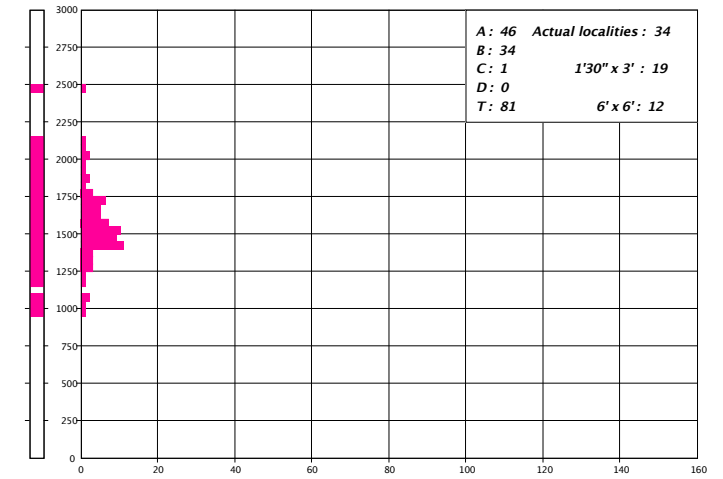
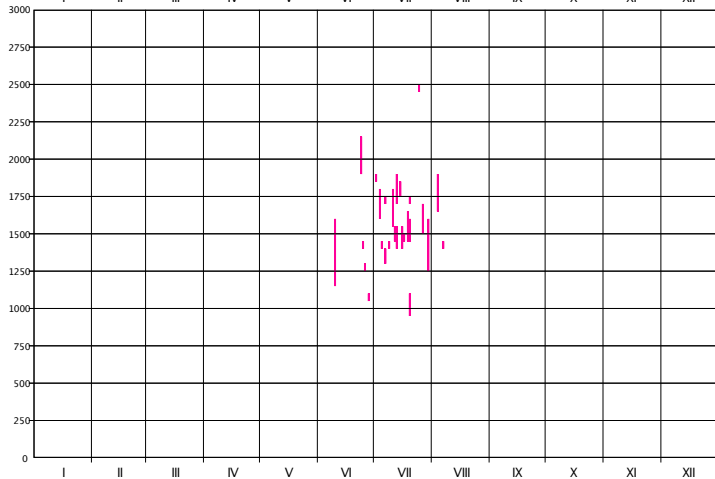
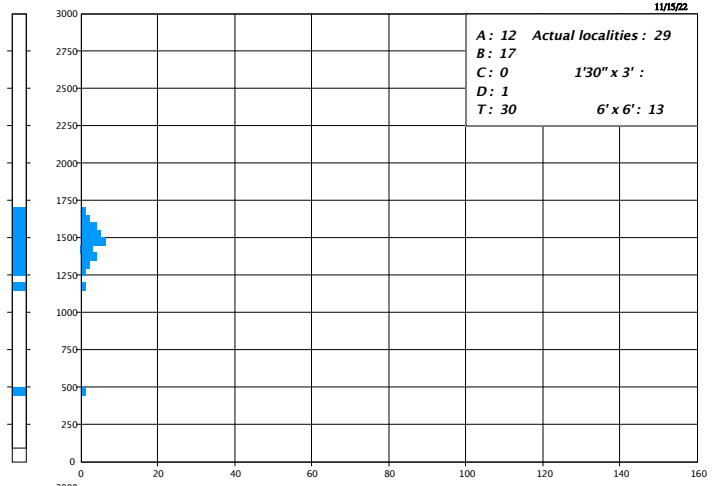
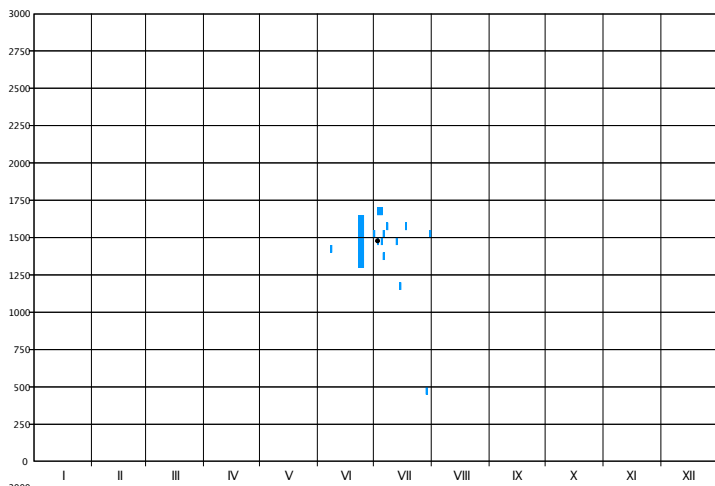




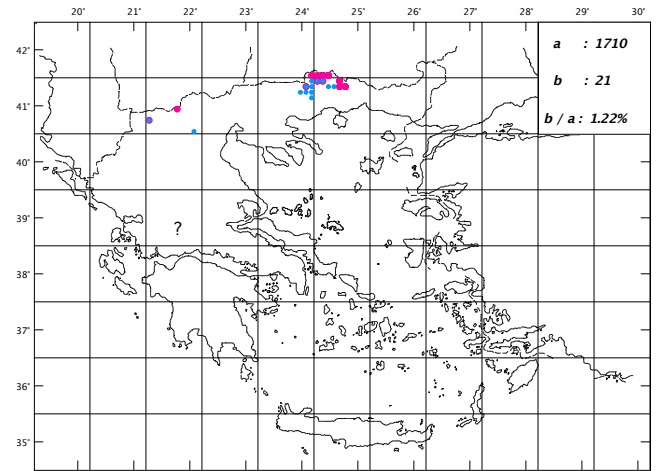




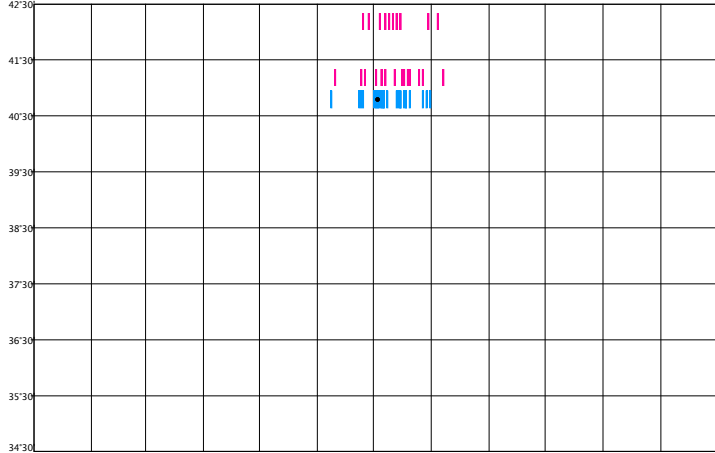
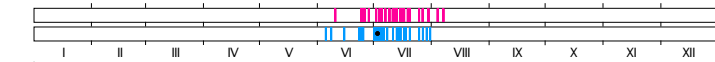
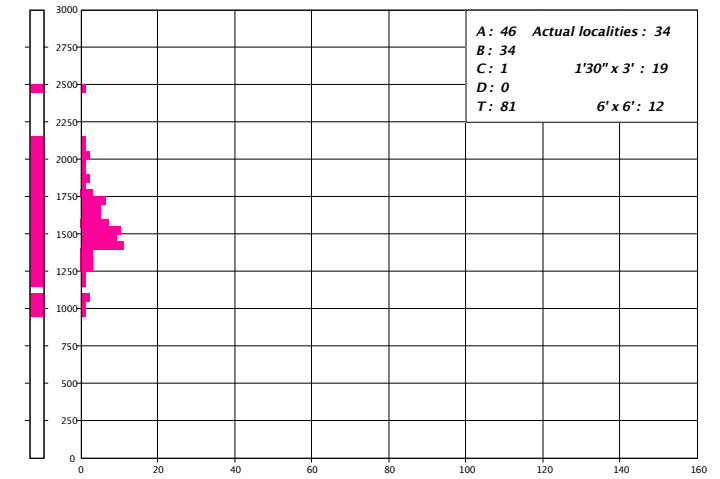
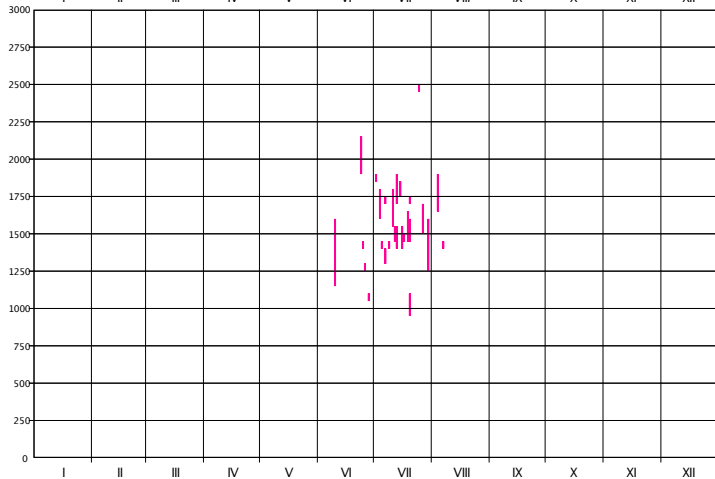
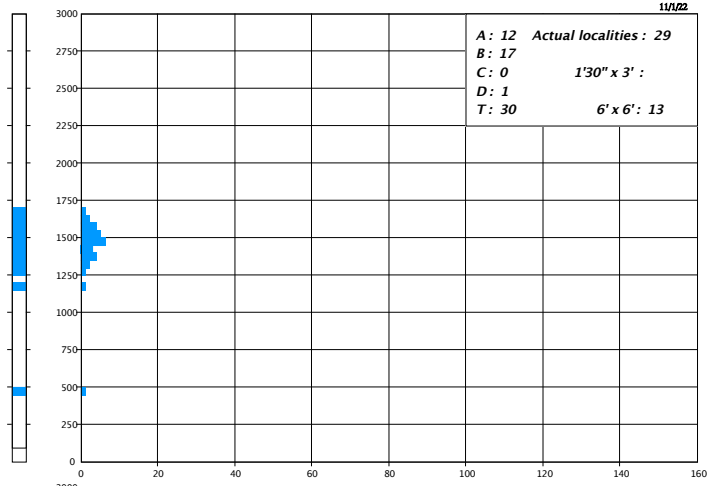
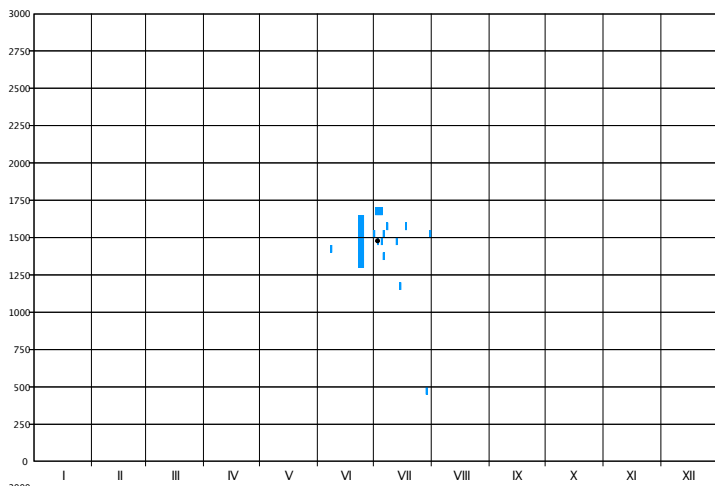




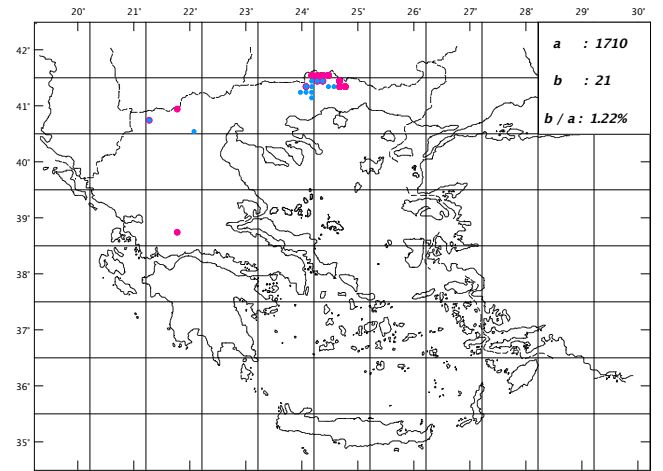
**SATYRIDAE *Erebia oeme***

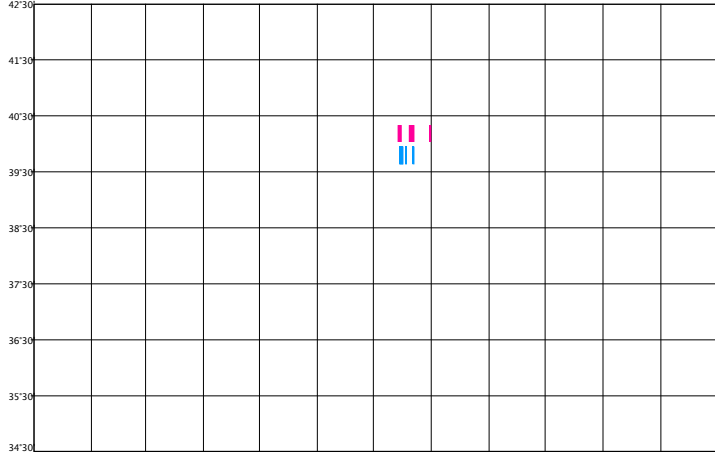
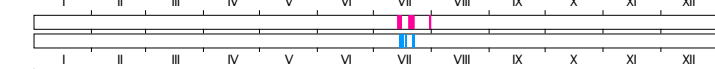
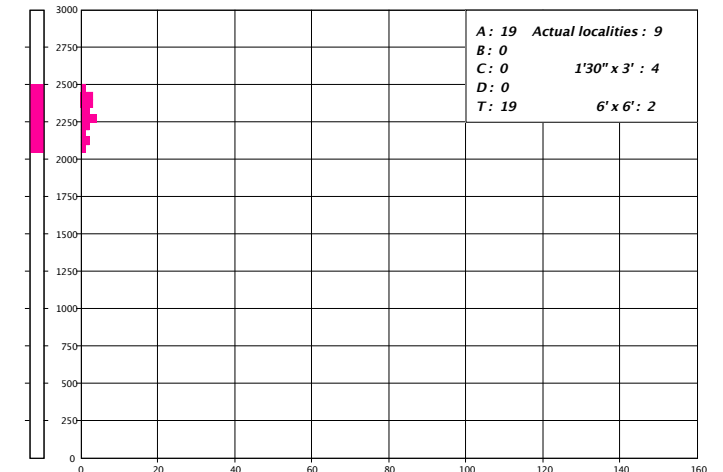
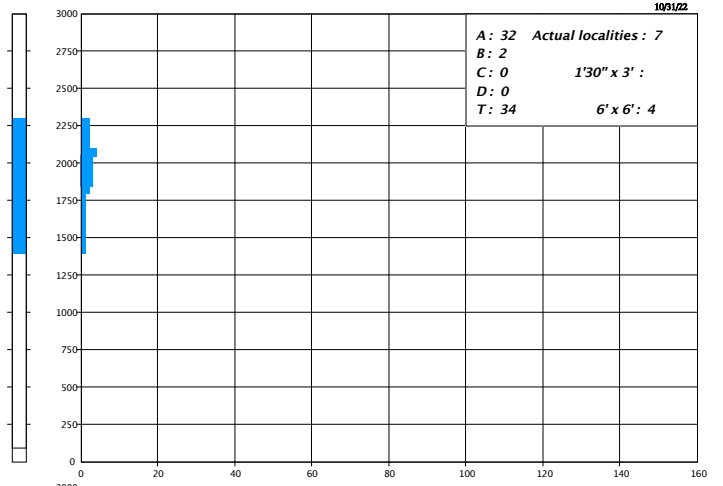
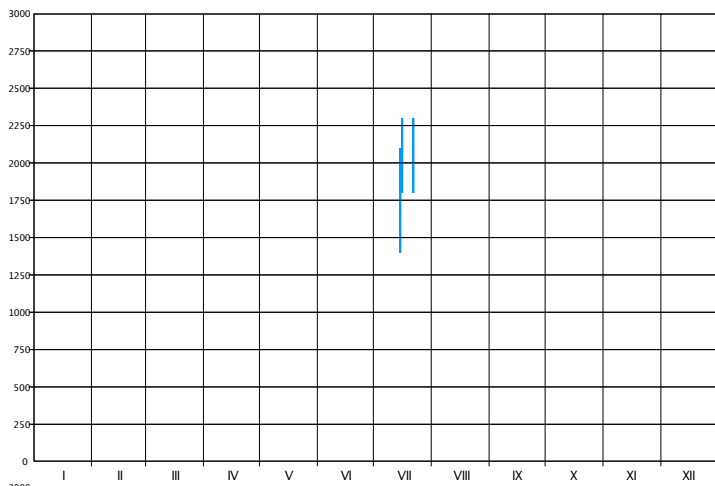




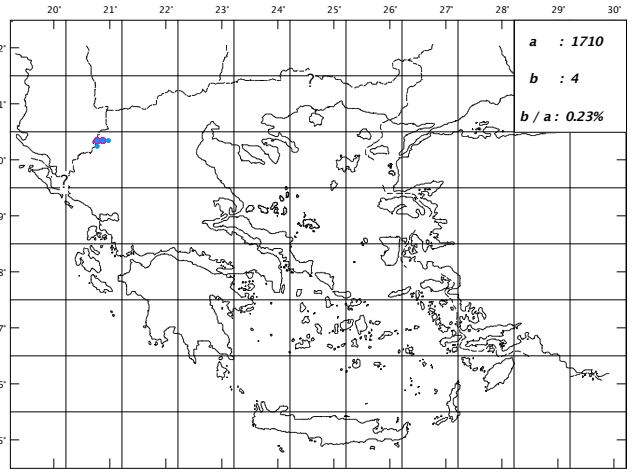


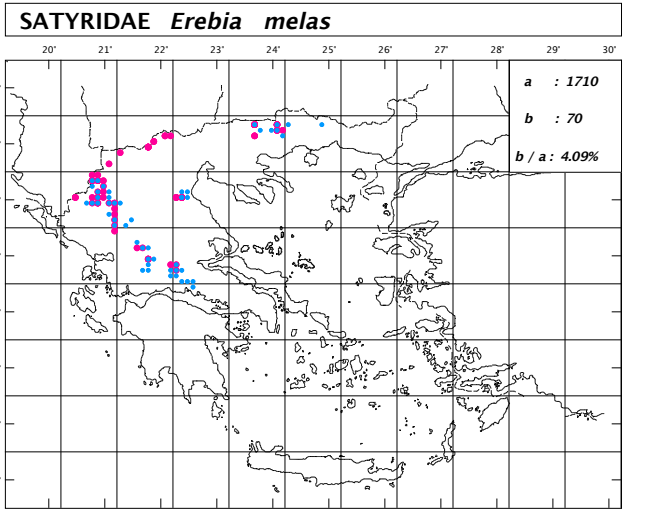
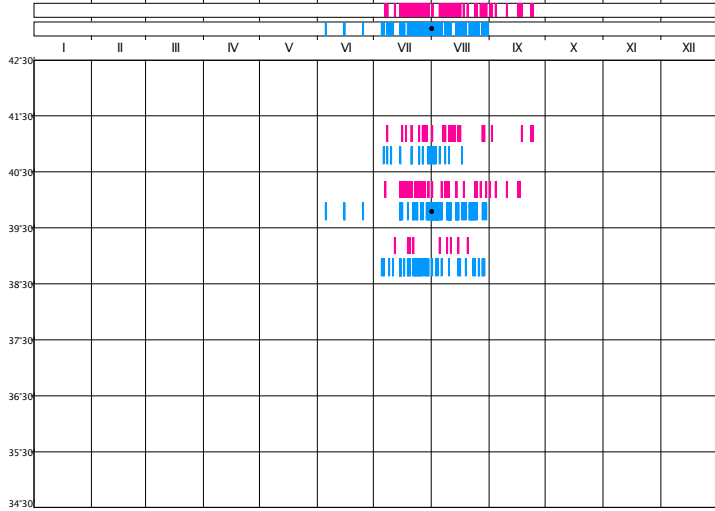
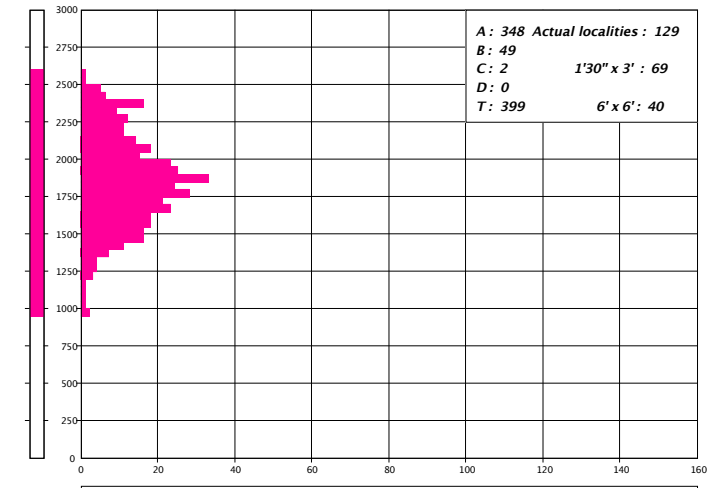
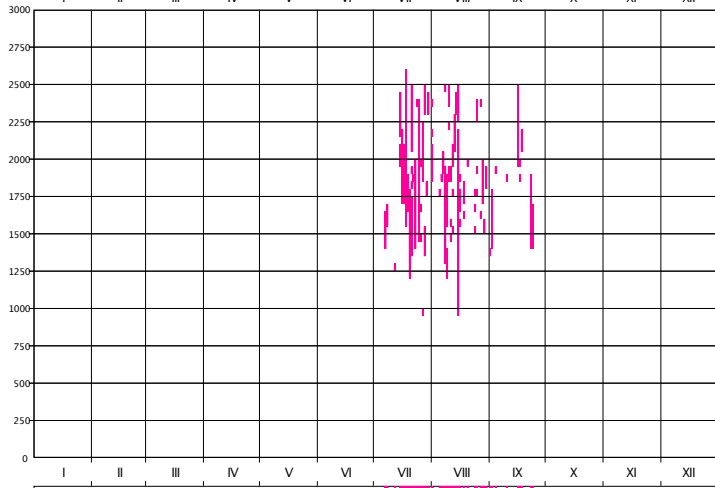
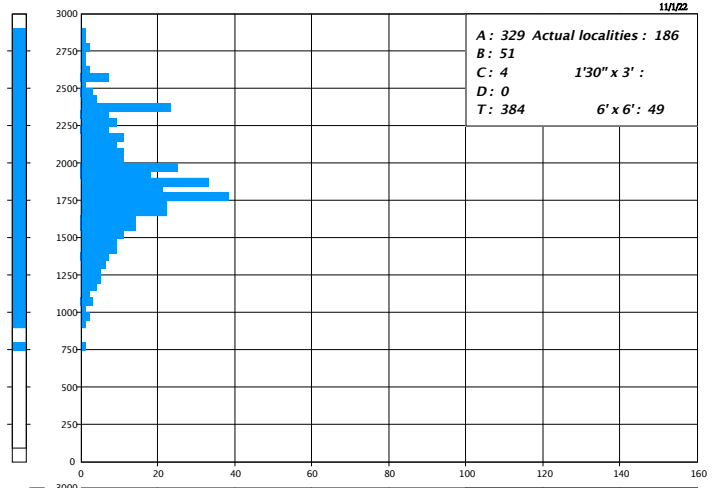
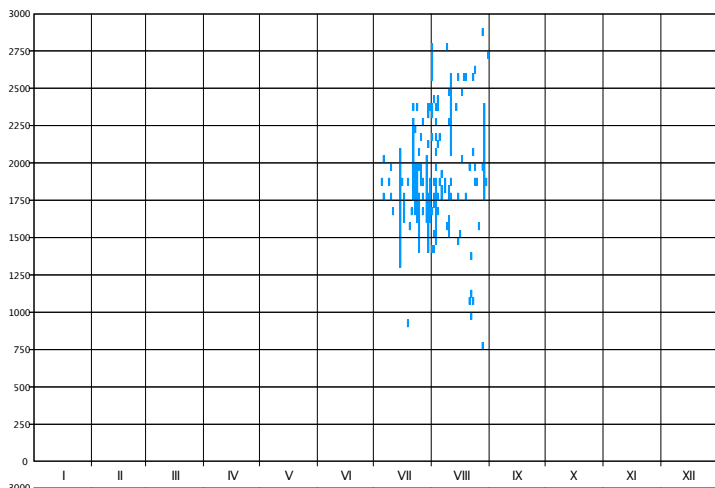
**SATYRIDAE *Erebia oeme***

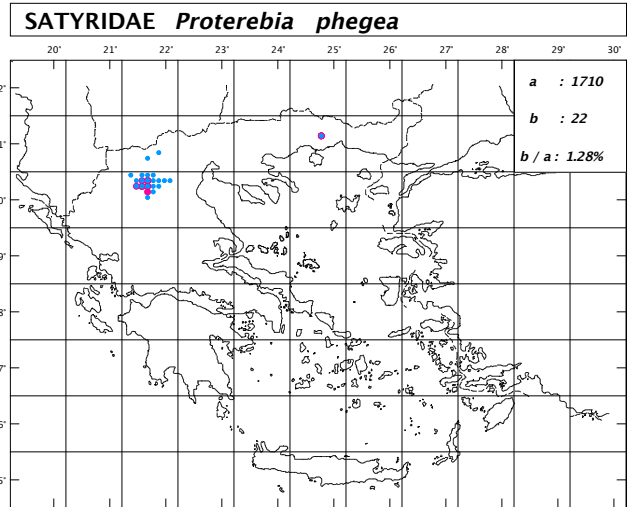
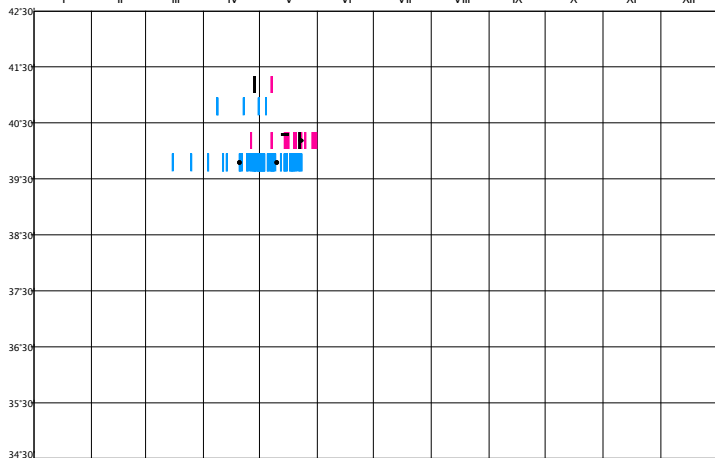
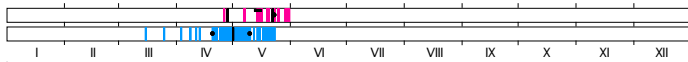
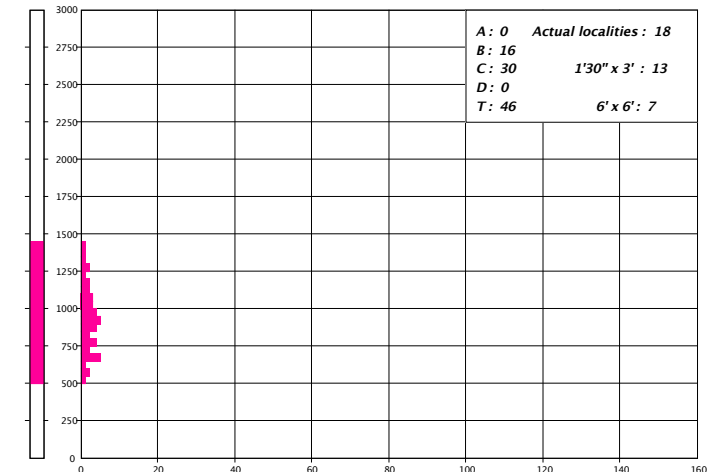
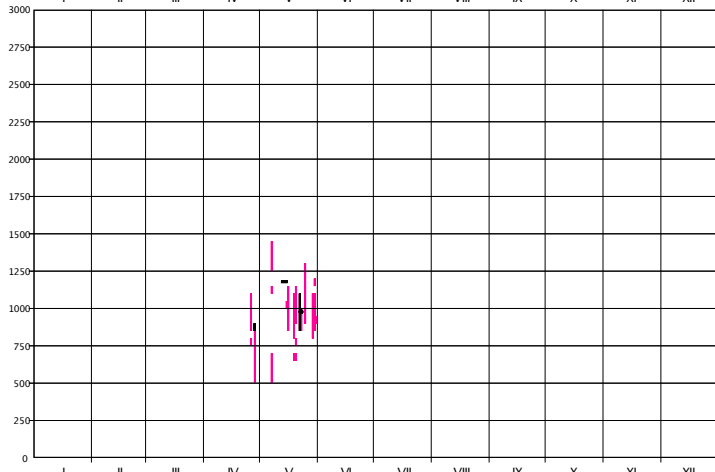
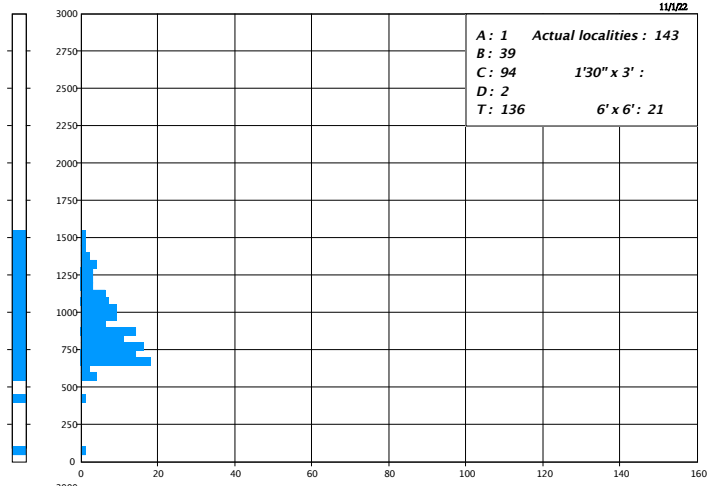
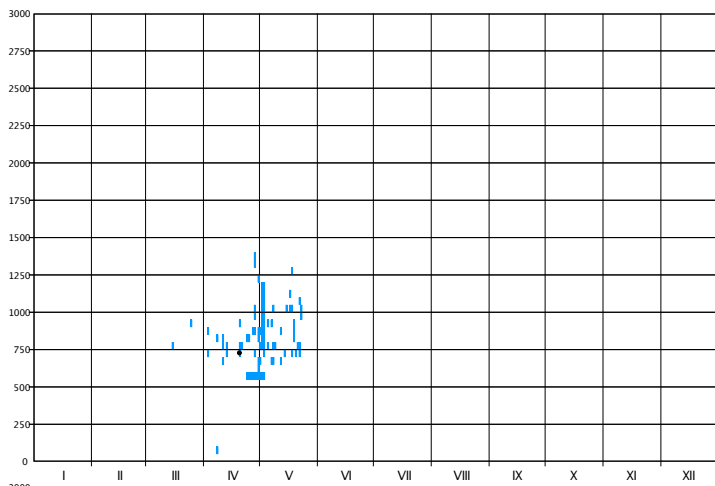


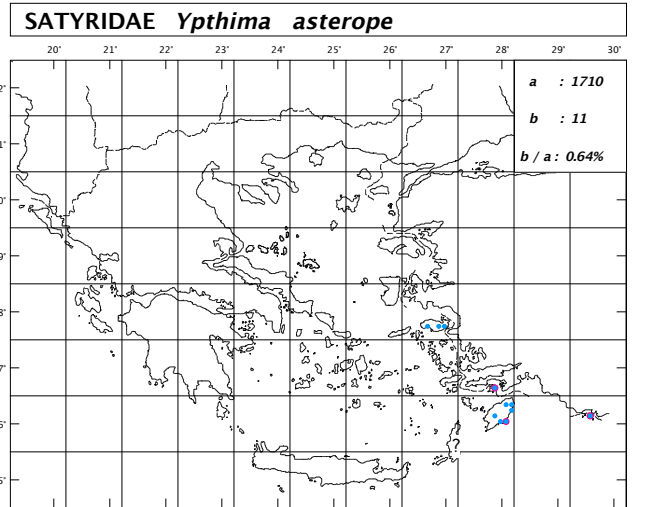
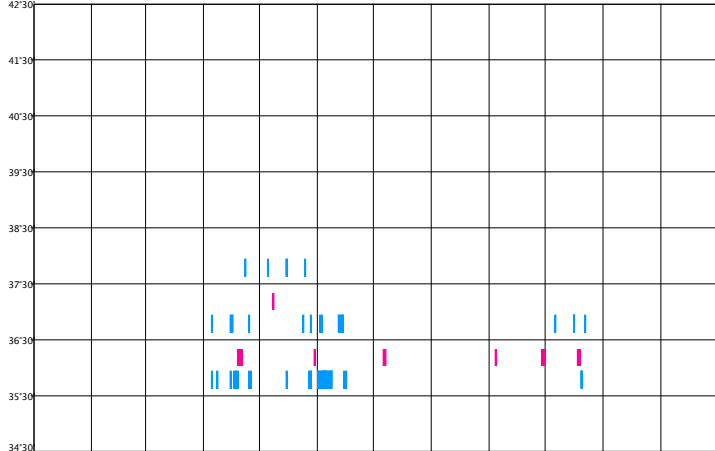
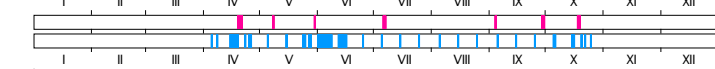
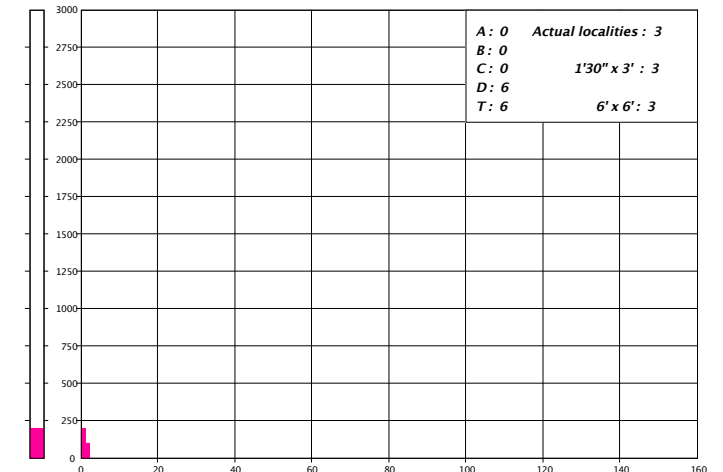
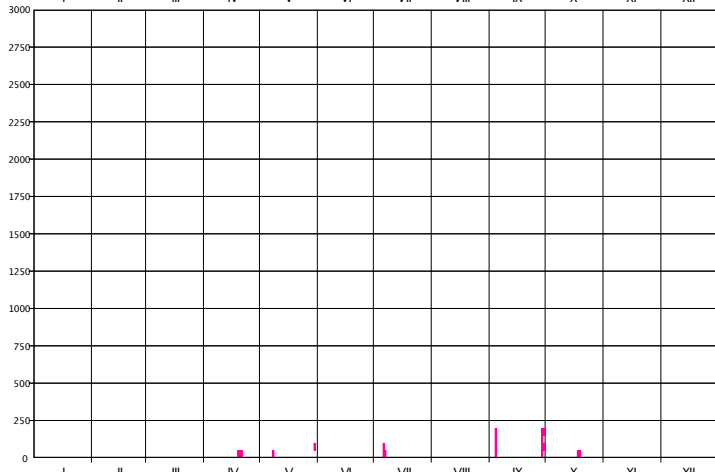
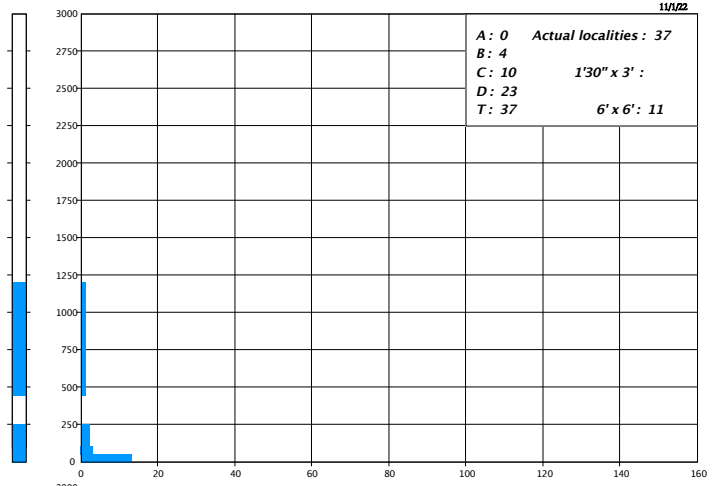
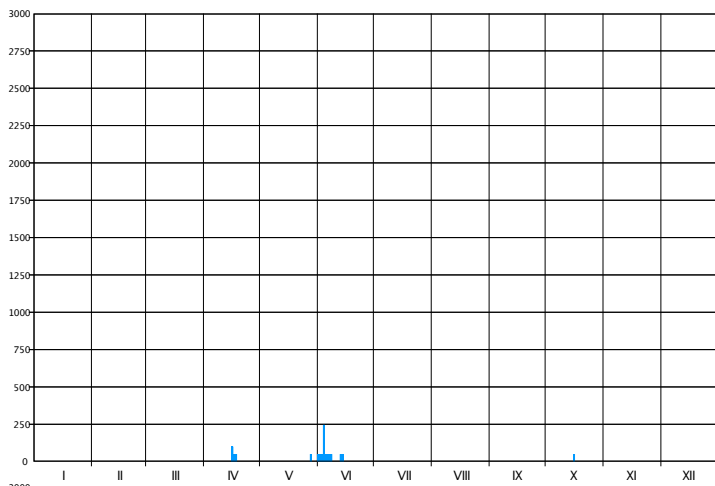


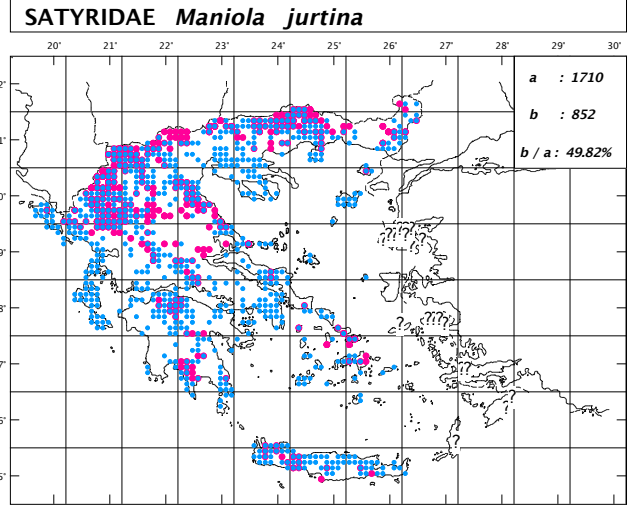
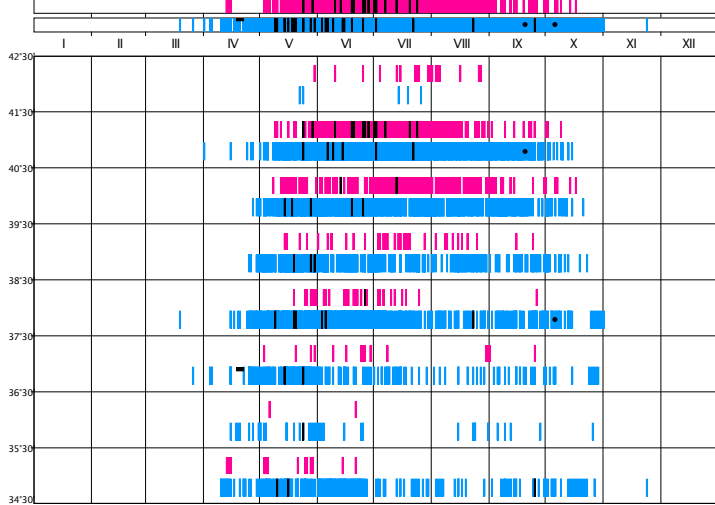
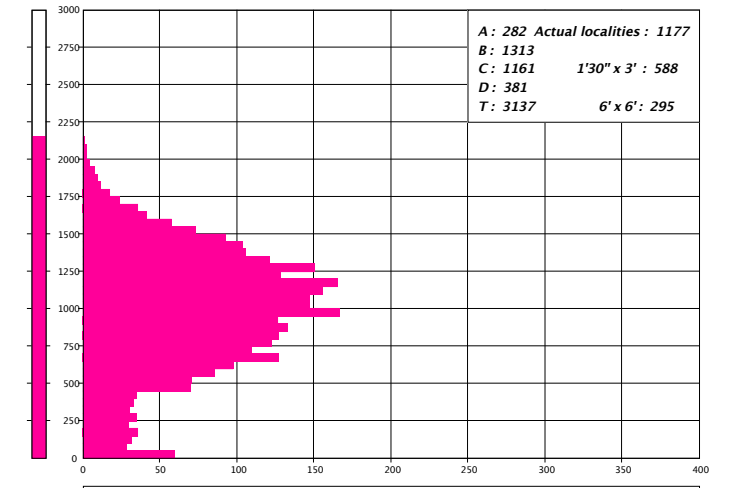
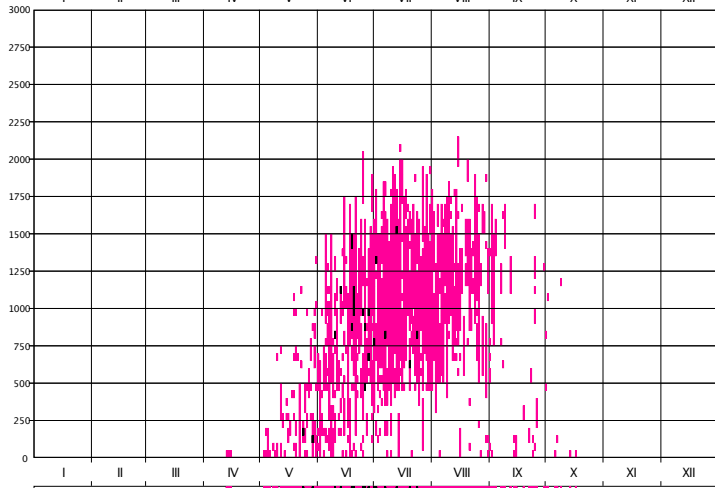
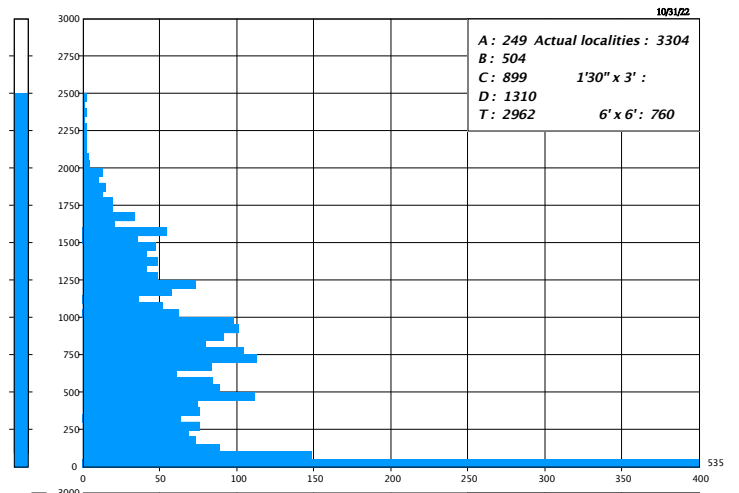
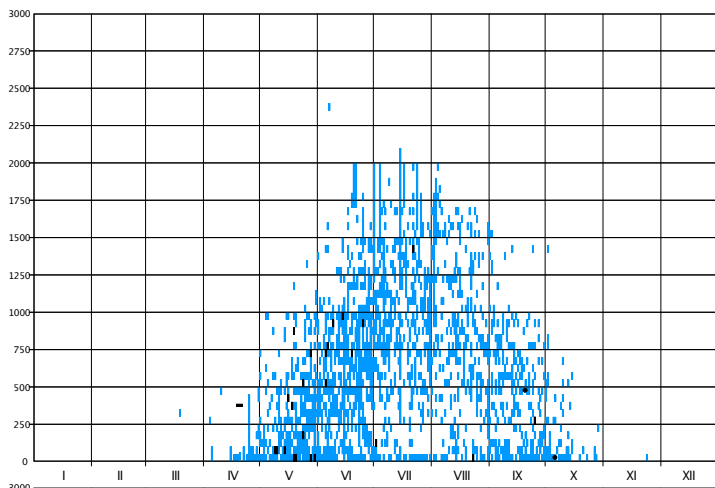
**SATYRIDAE *Erebia rhodopensis***



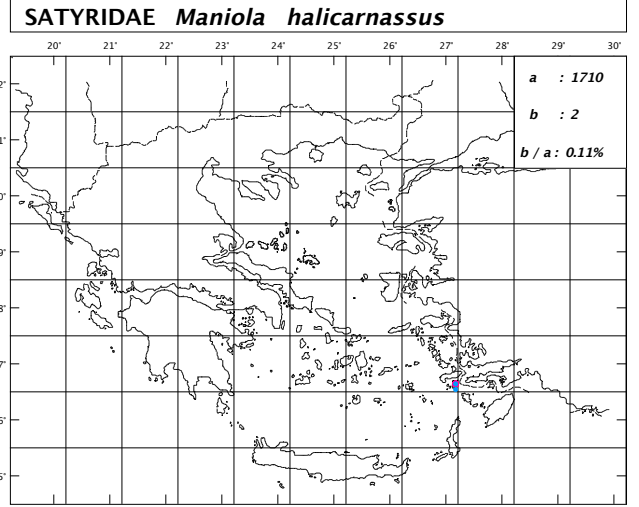
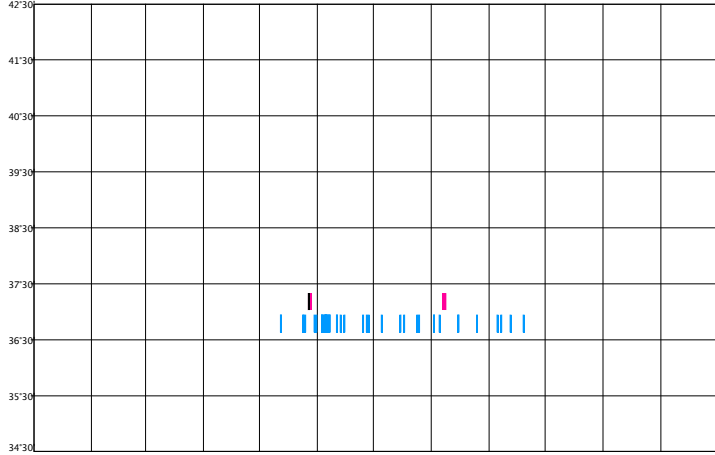
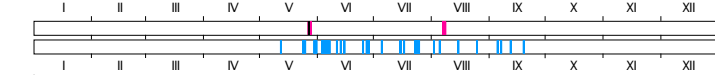
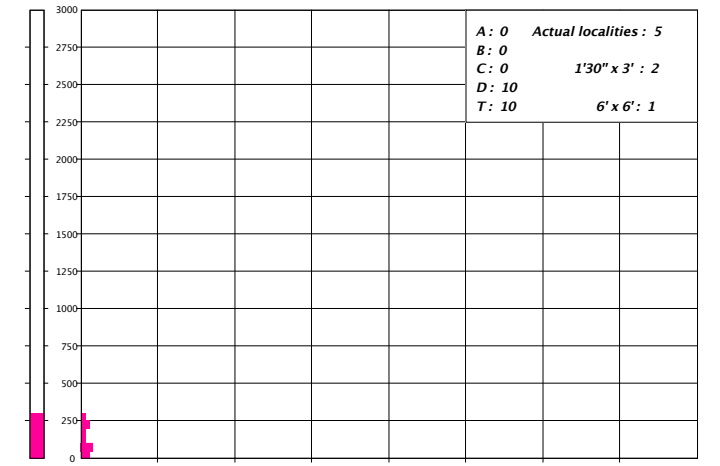
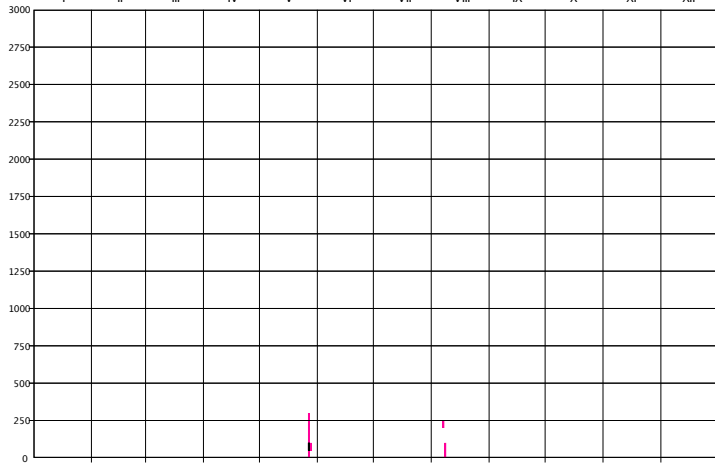
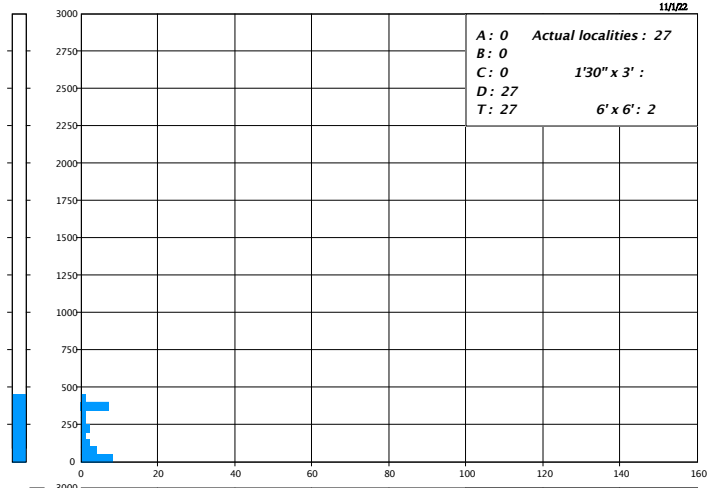
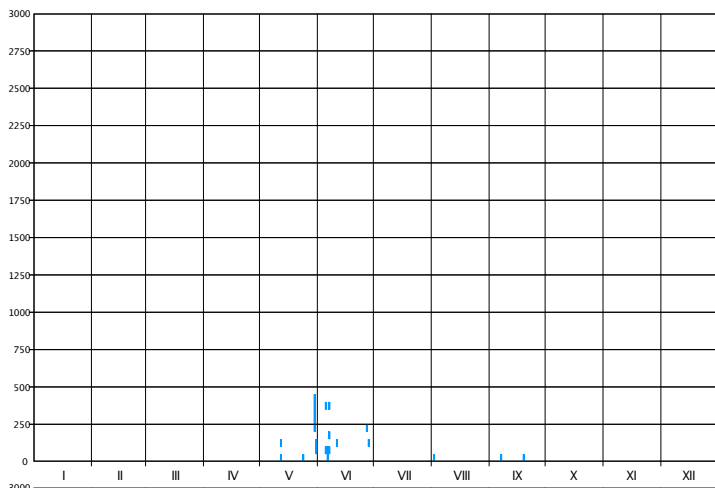




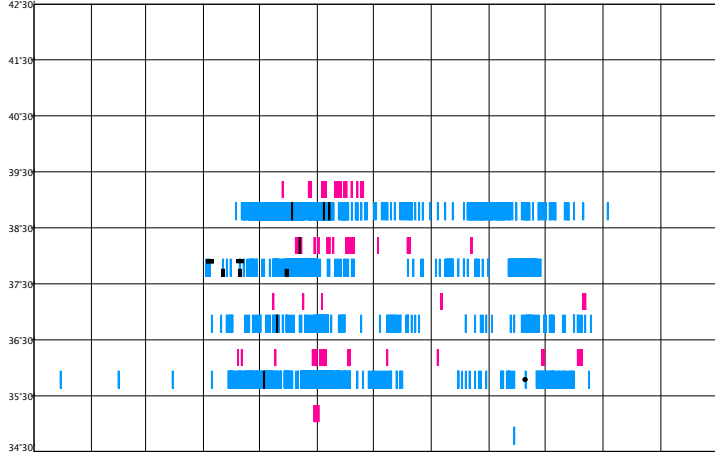
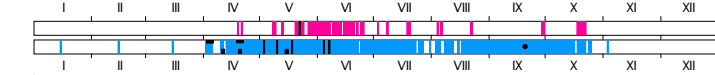
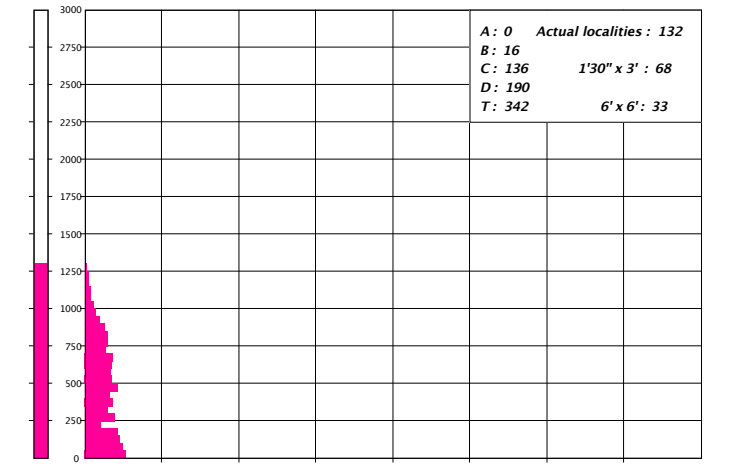
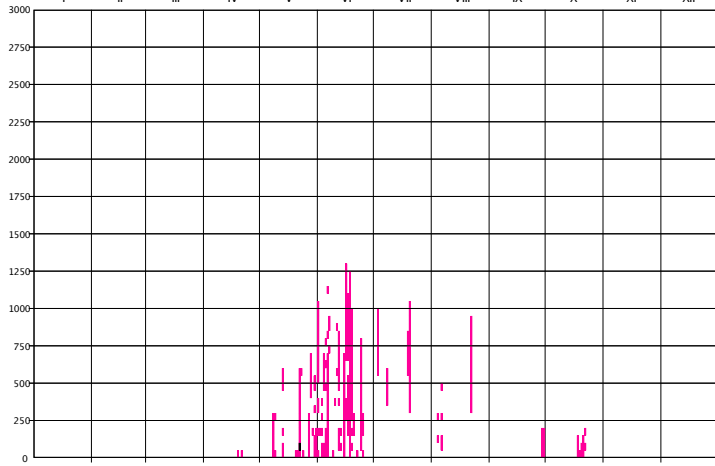
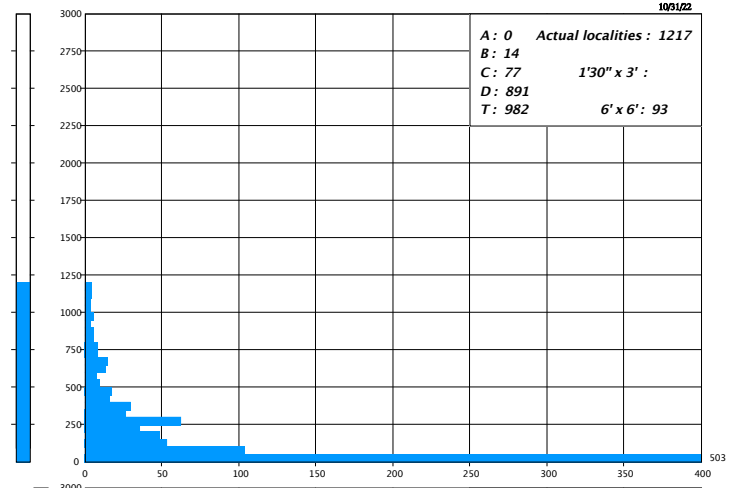
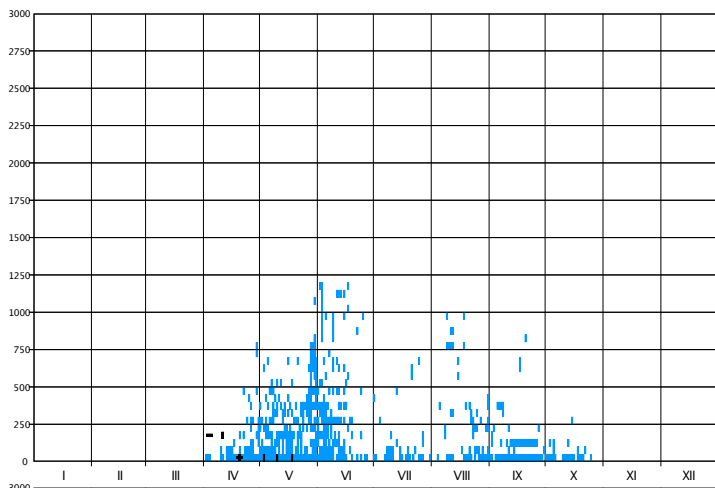




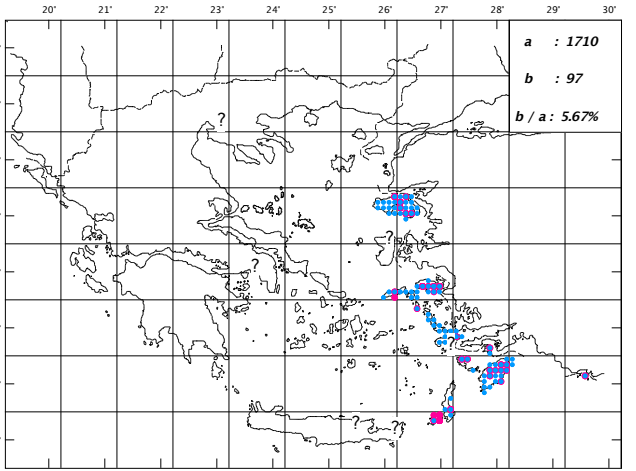
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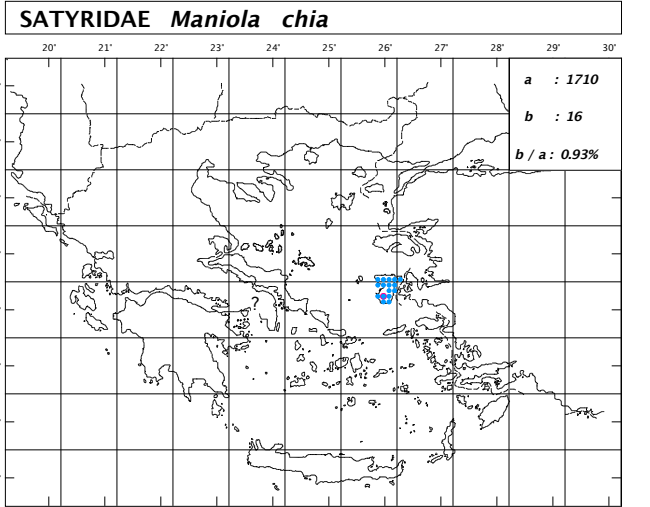
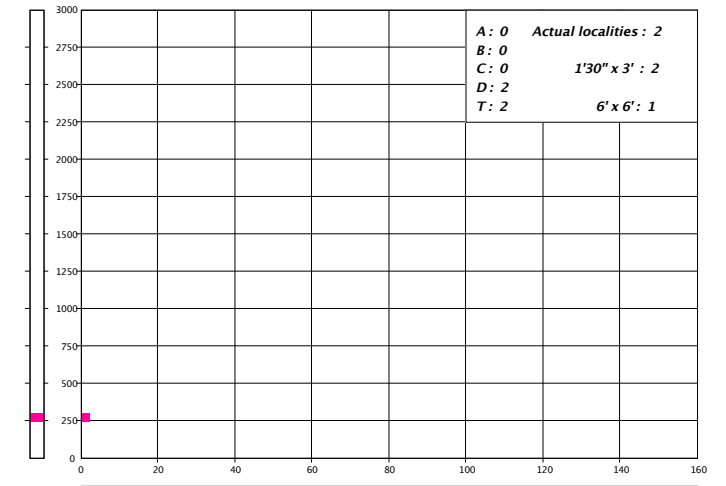
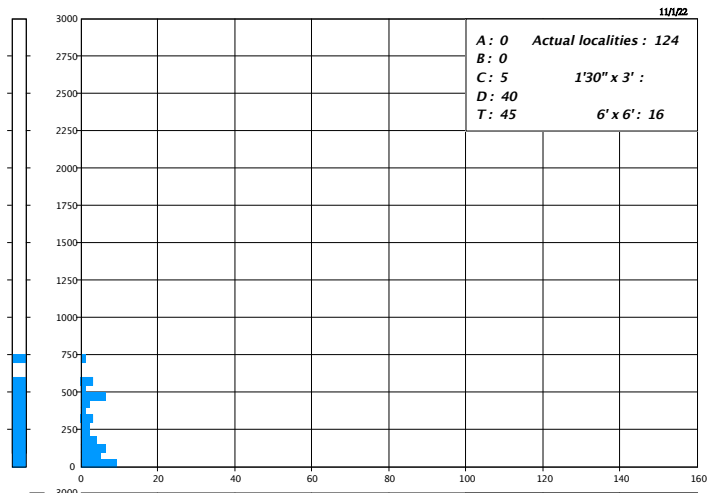
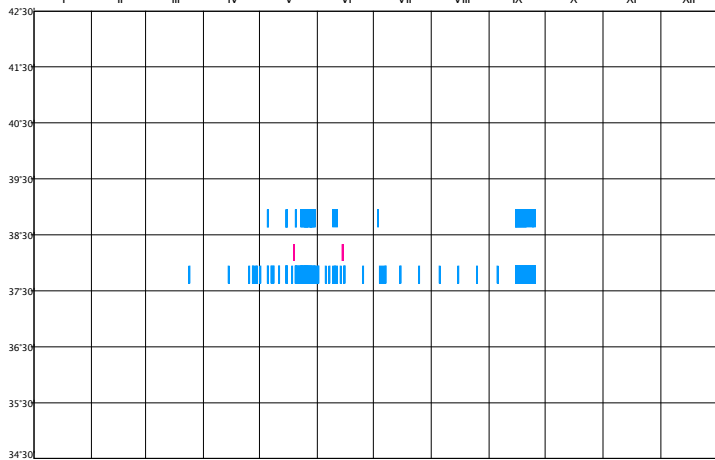
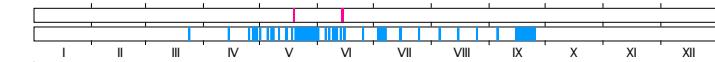
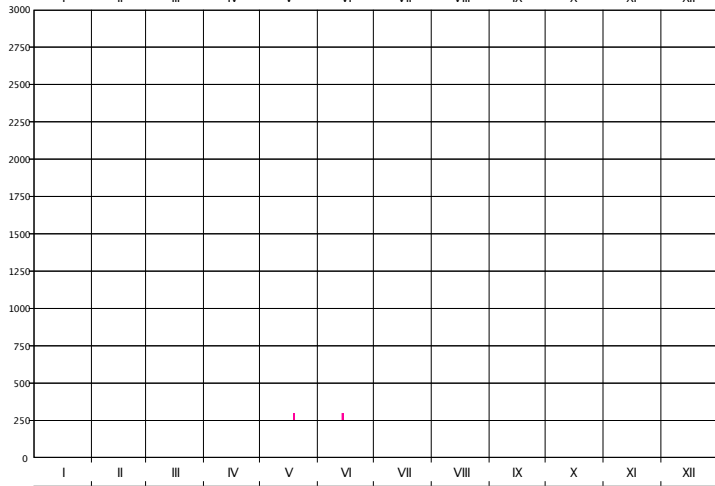
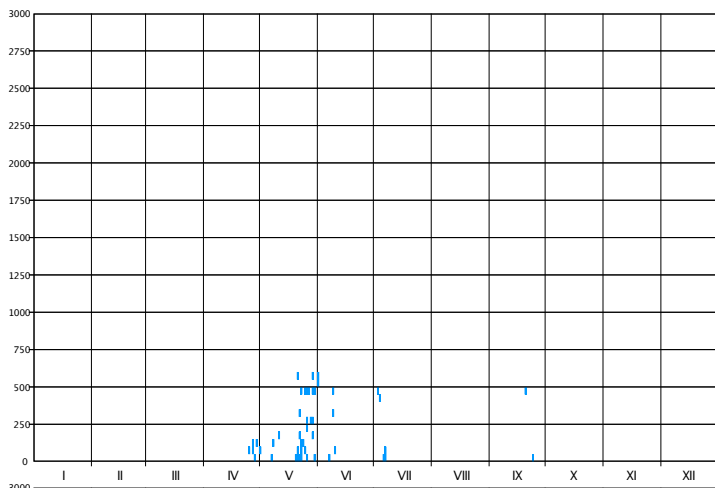


**SATYRIDAE *Maniola telmessia***



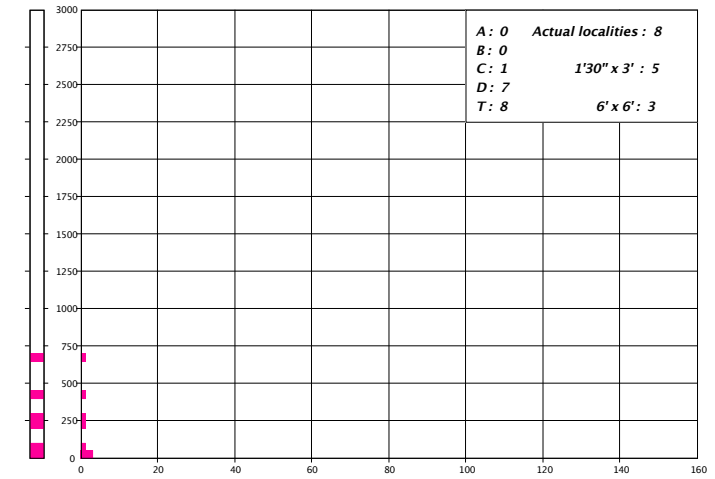
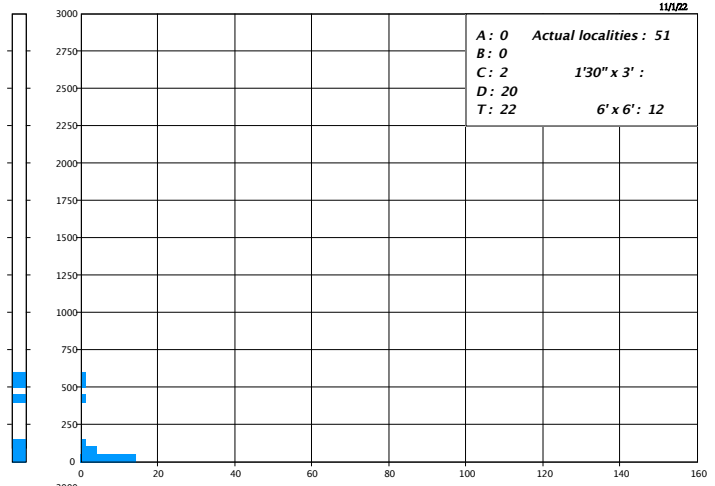
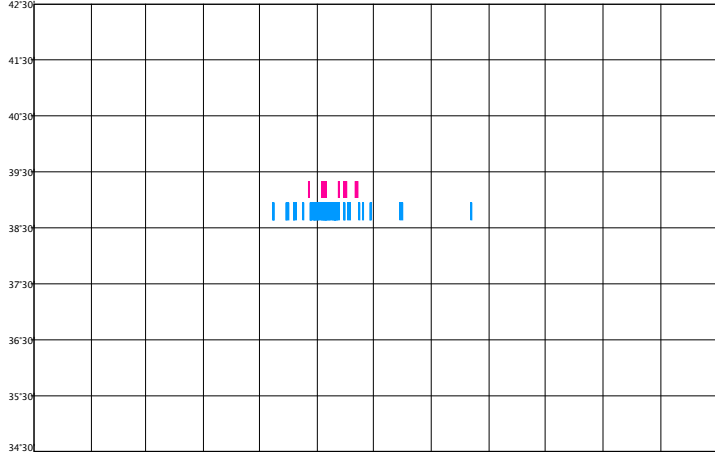
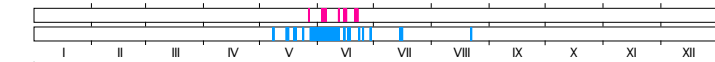
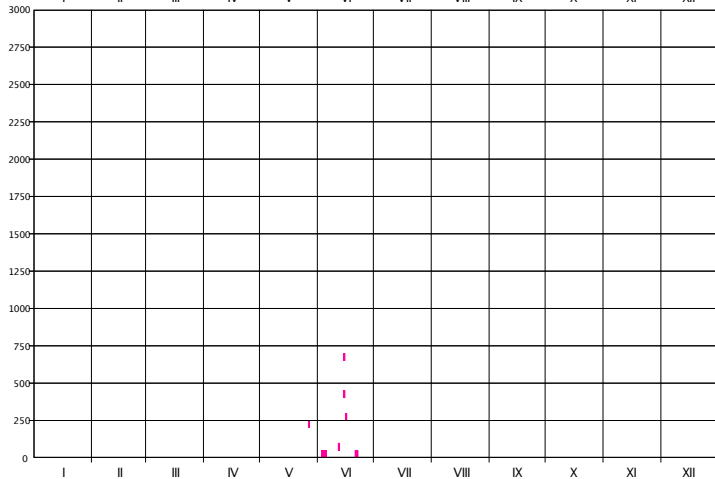
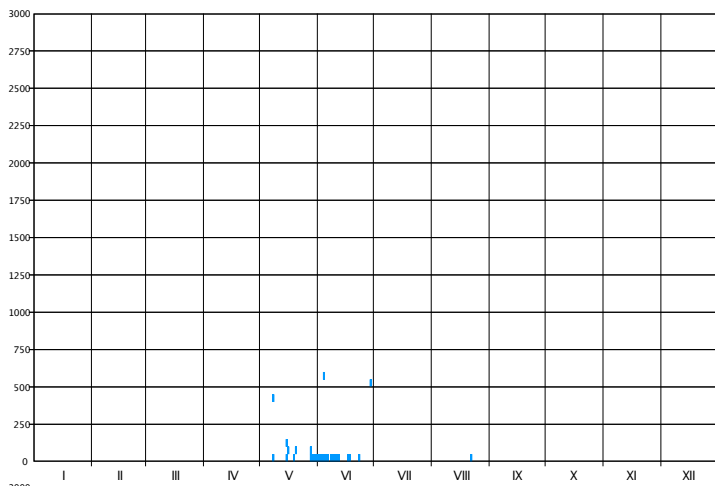
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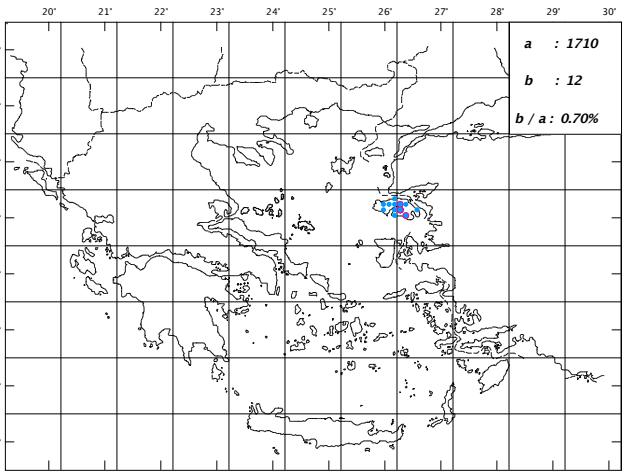


ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
 ENDEMIC SPECIES OF GREECE

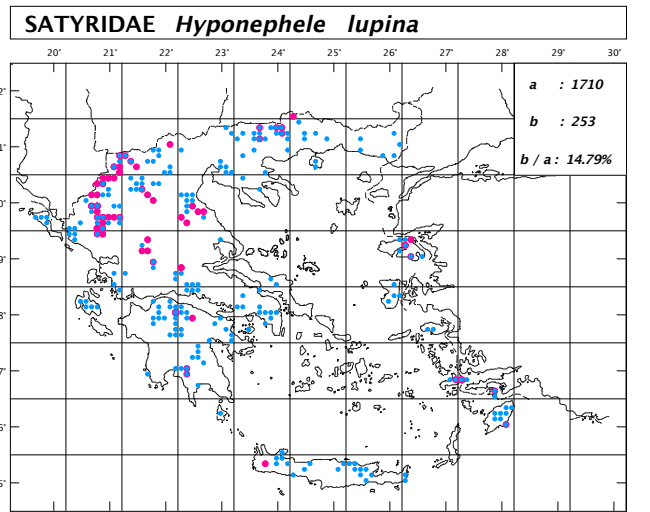
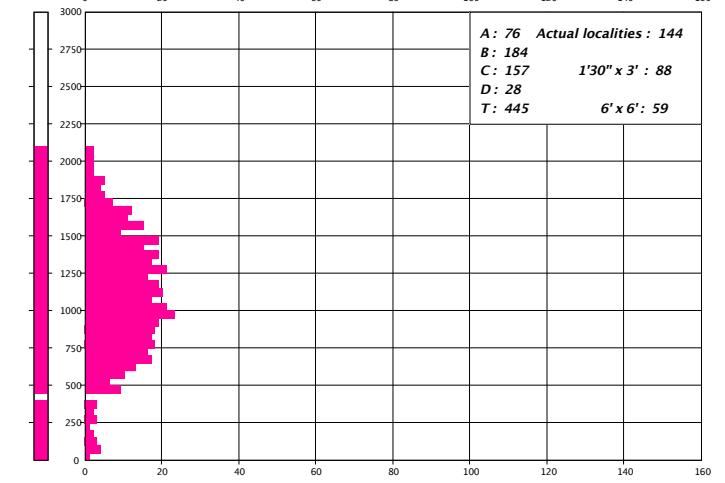
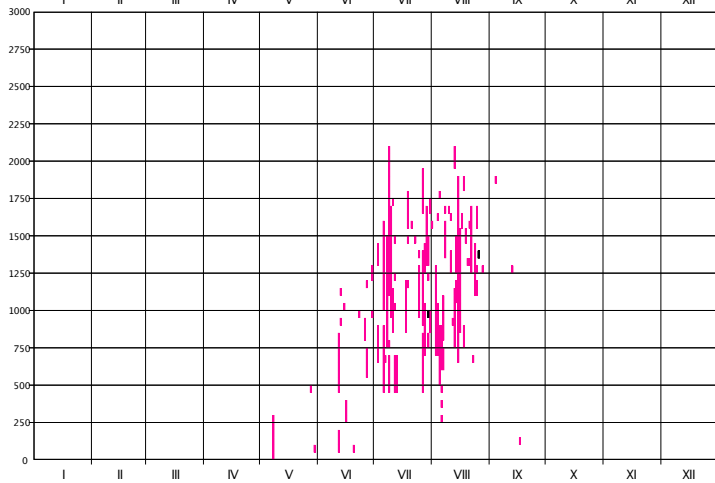
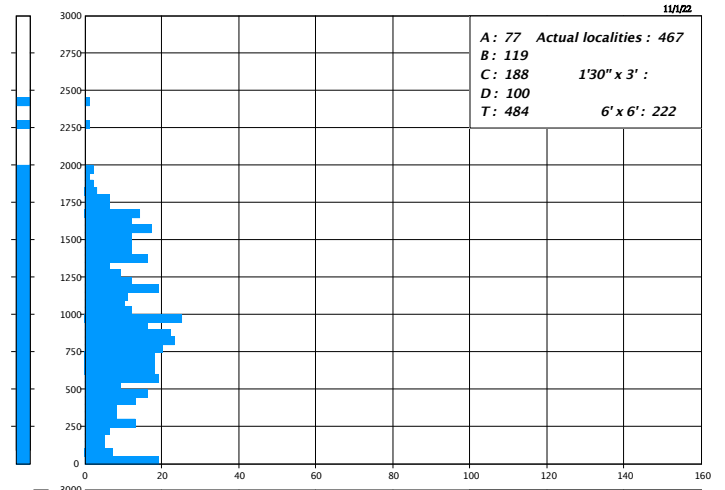
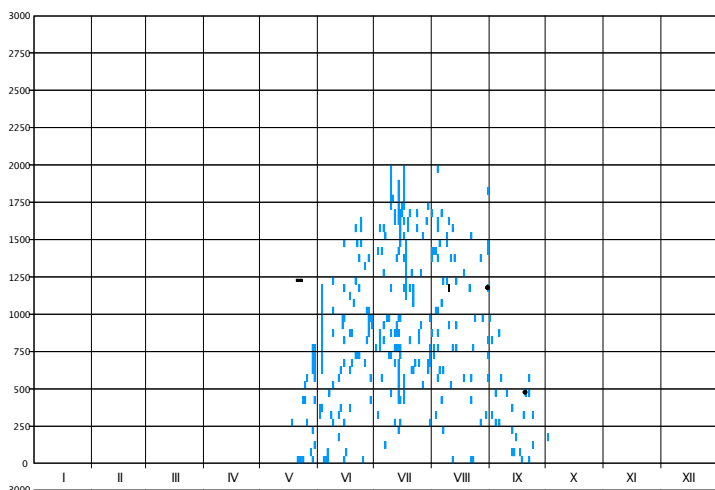
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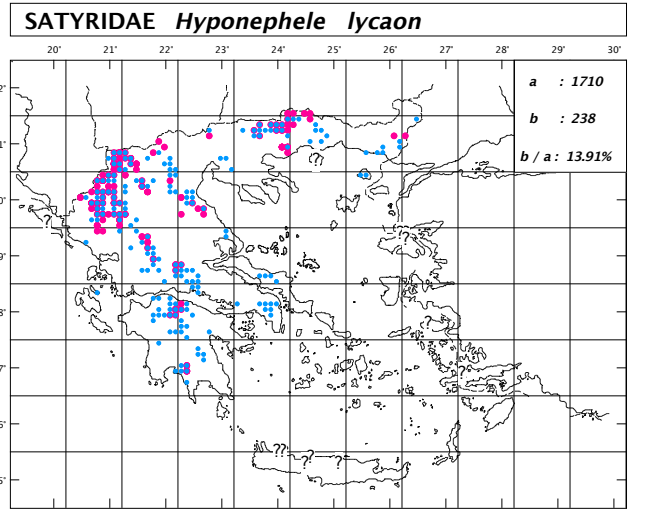
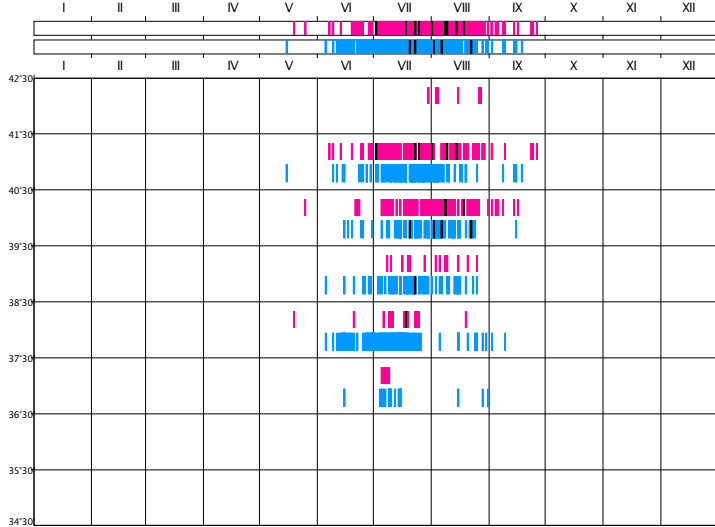
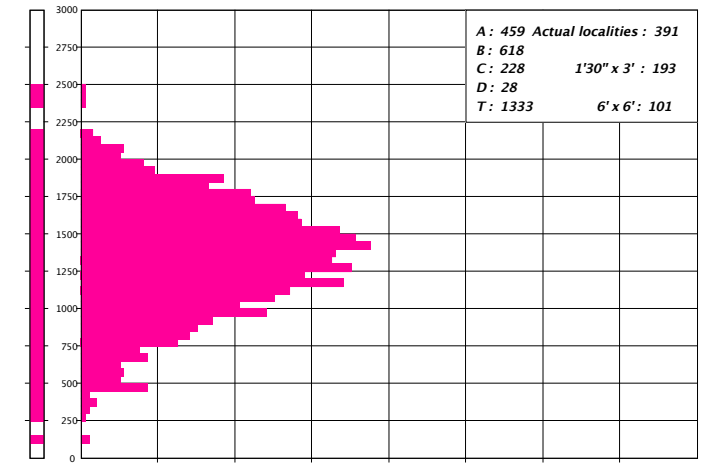
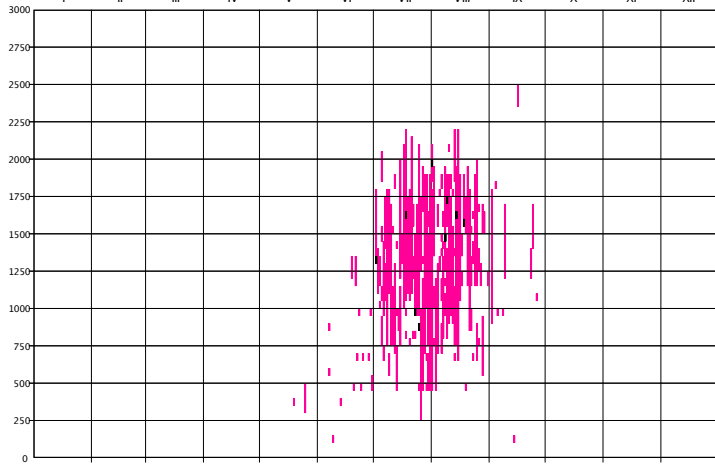
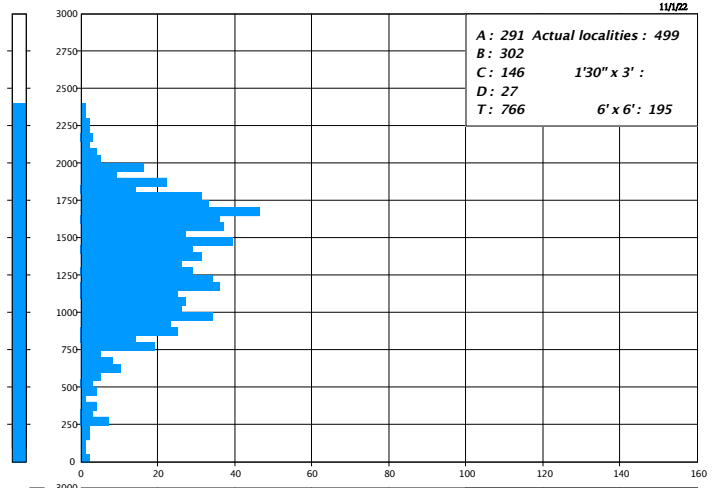
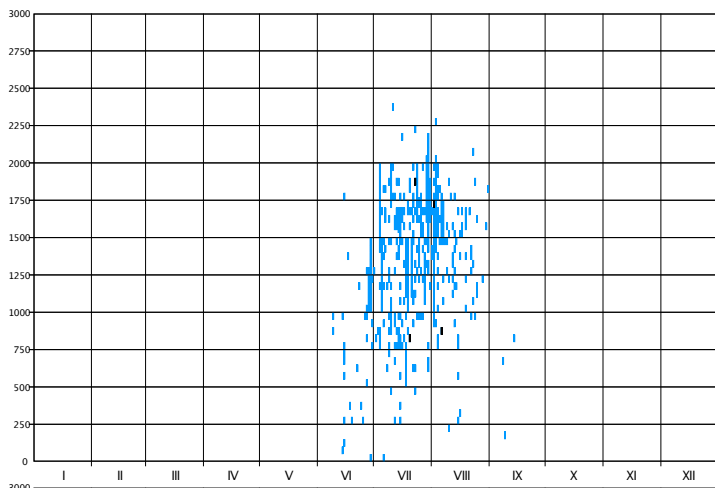
**SATYRIDAE *Maniola megalis***



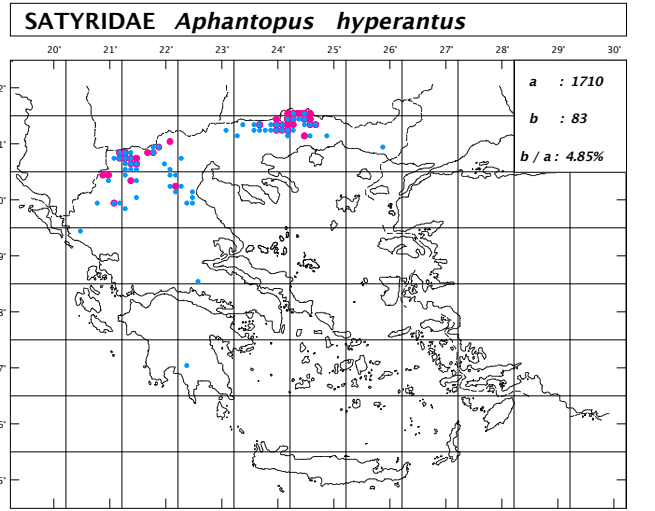
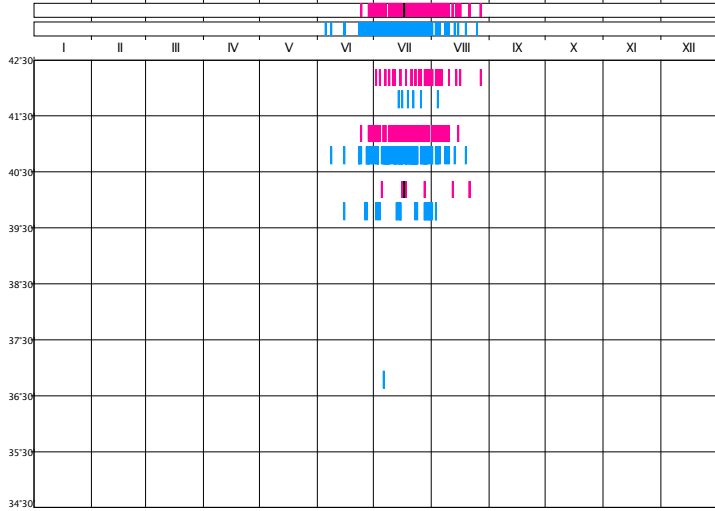
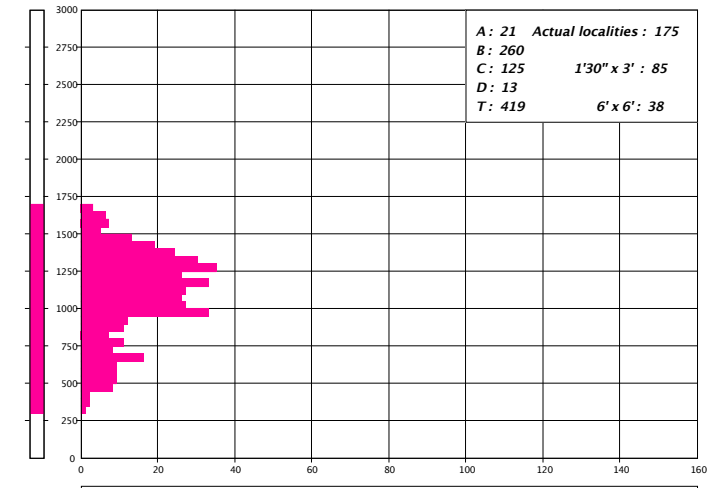
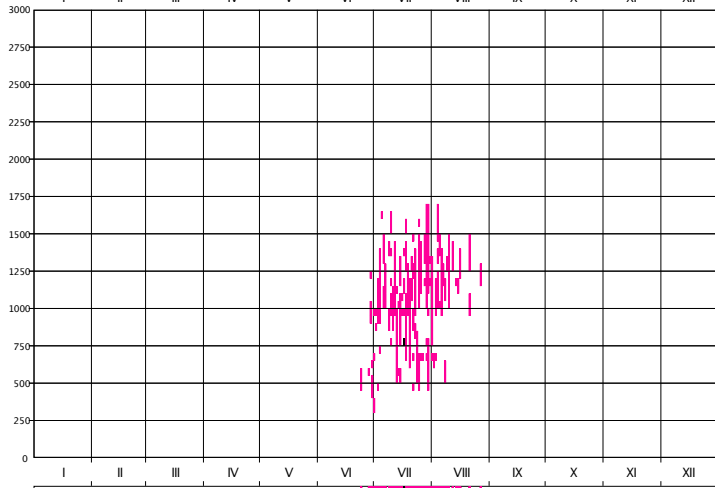
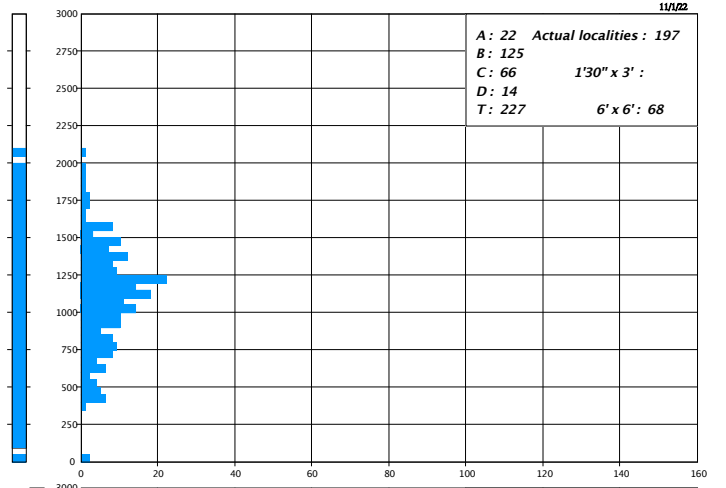
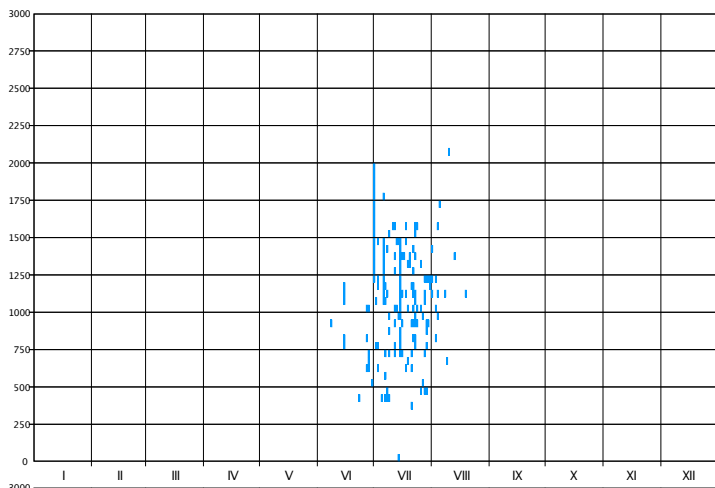
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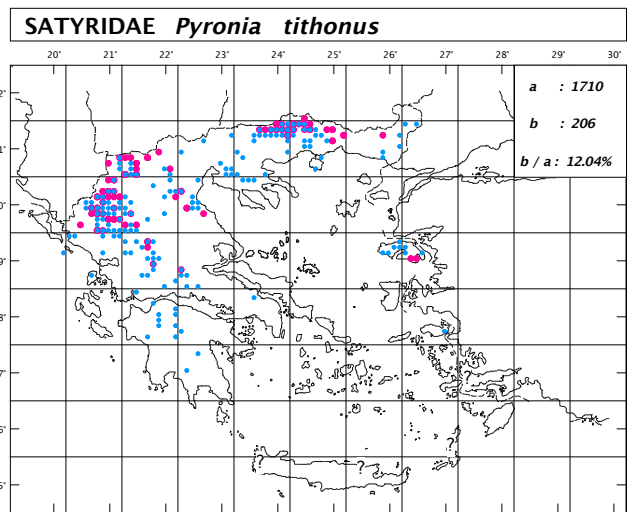
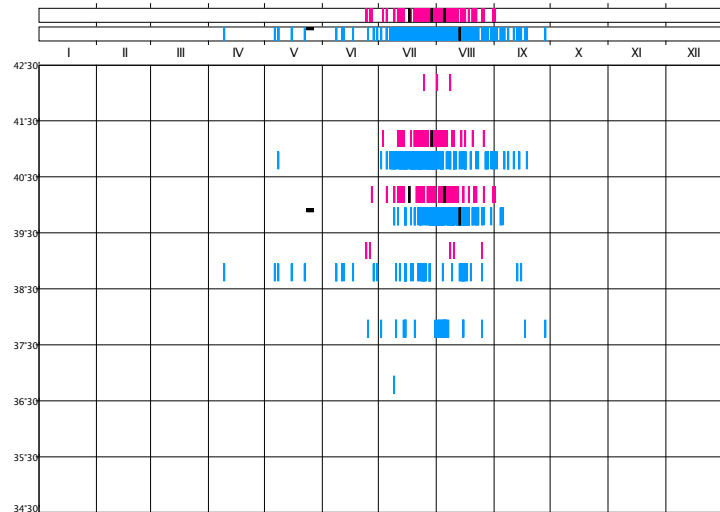
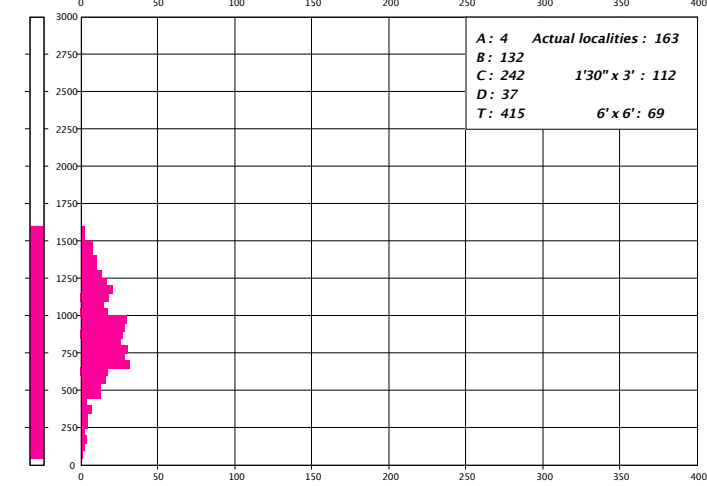
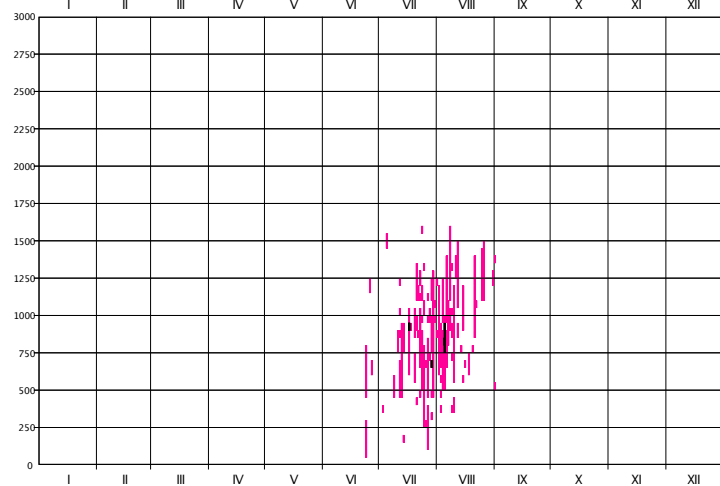
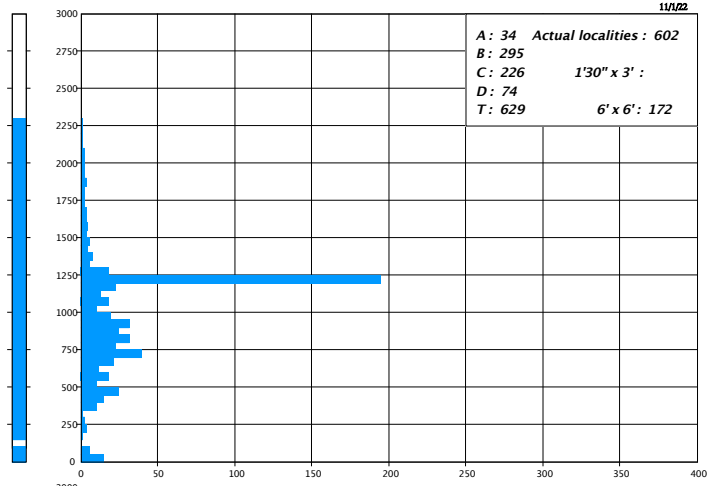
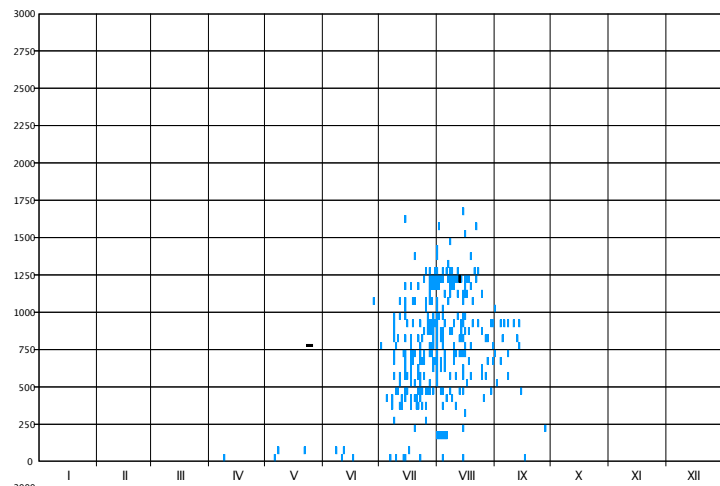


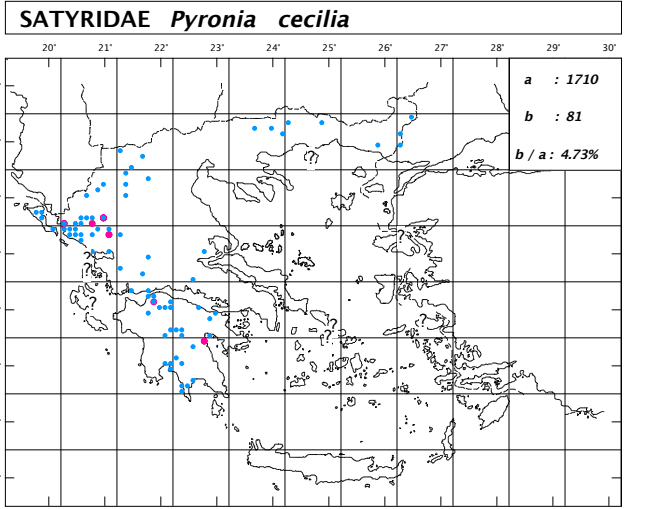
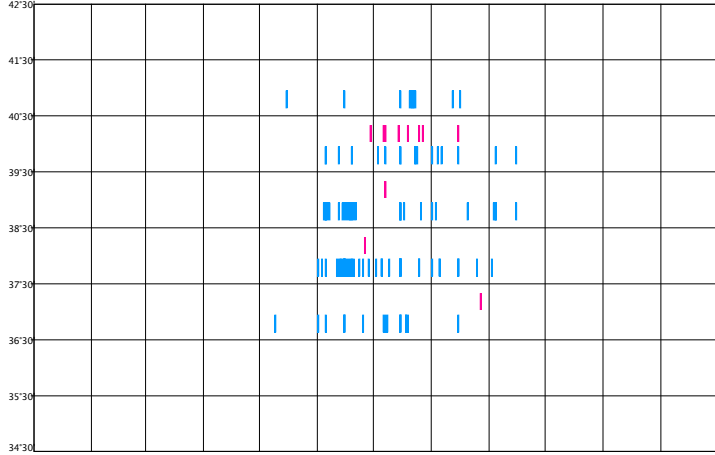
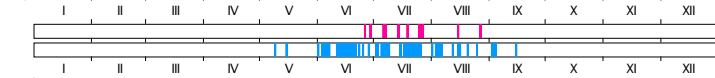
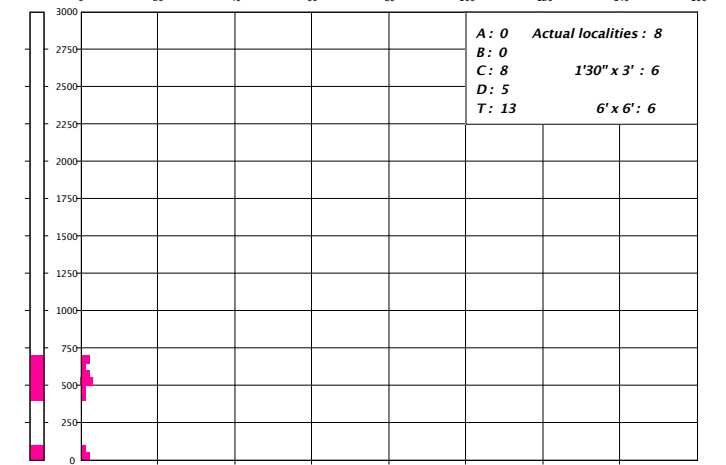
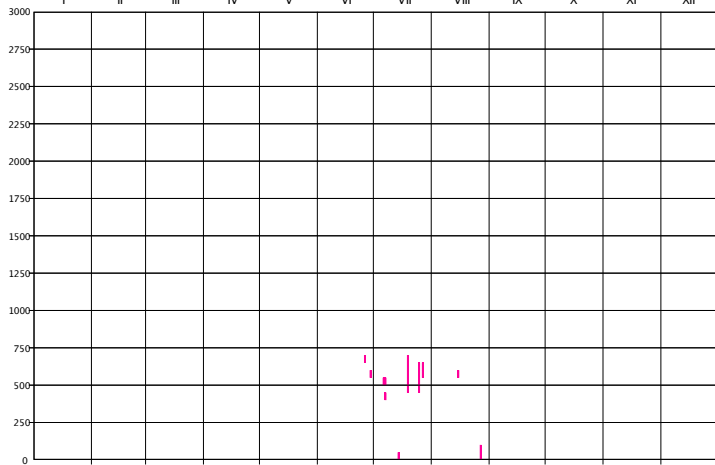
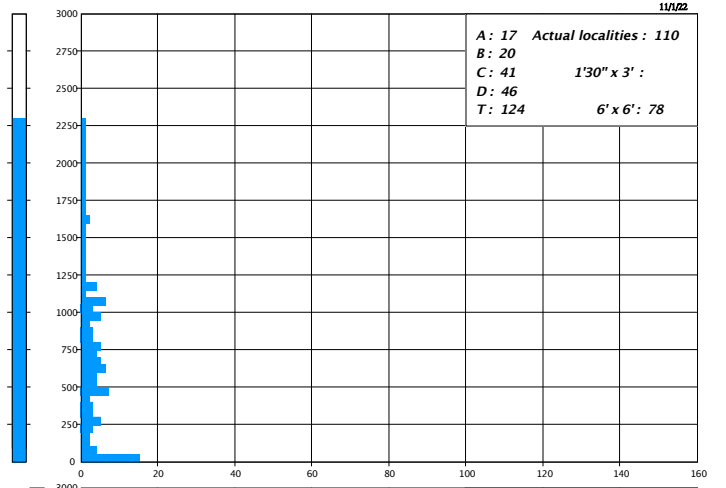
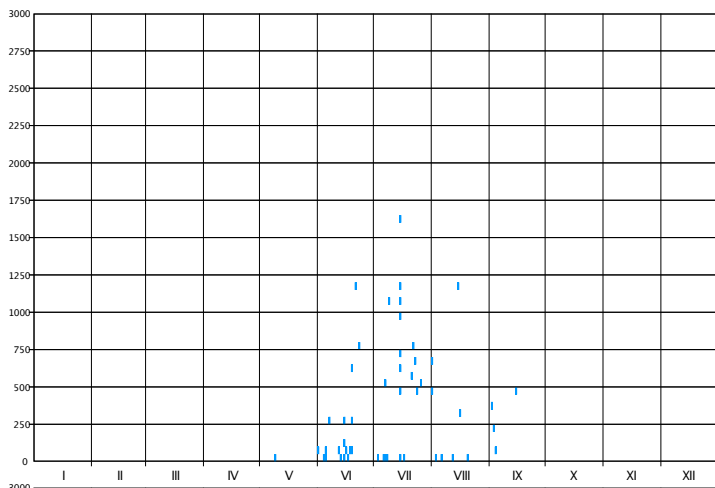
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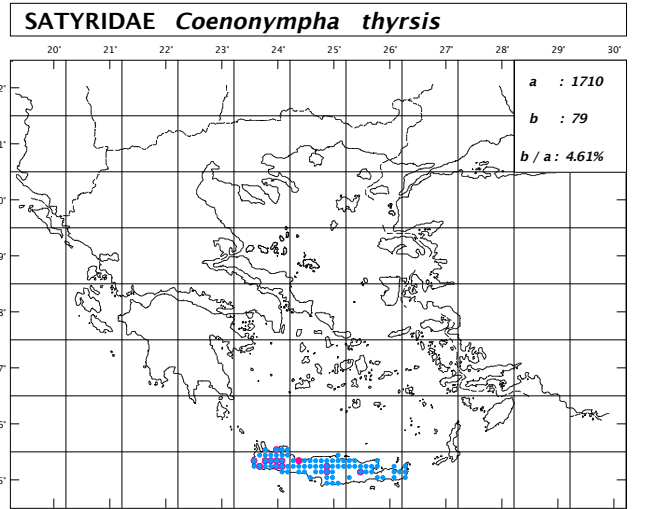
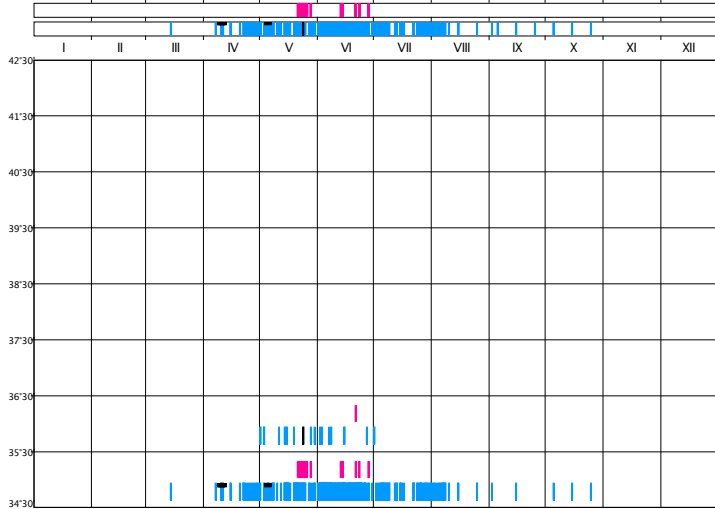
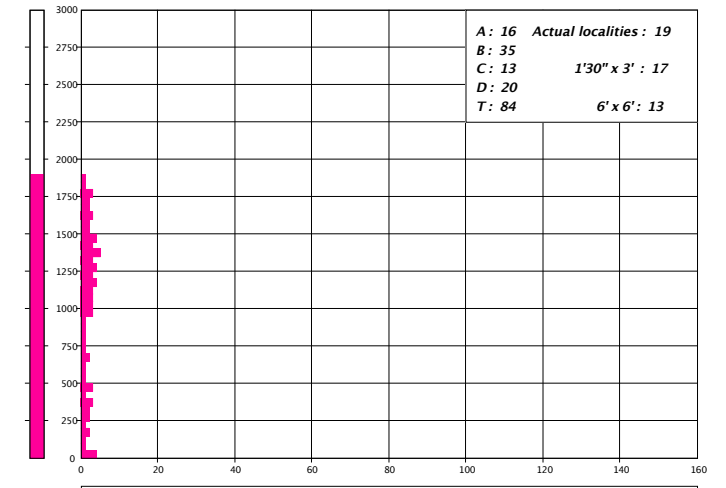
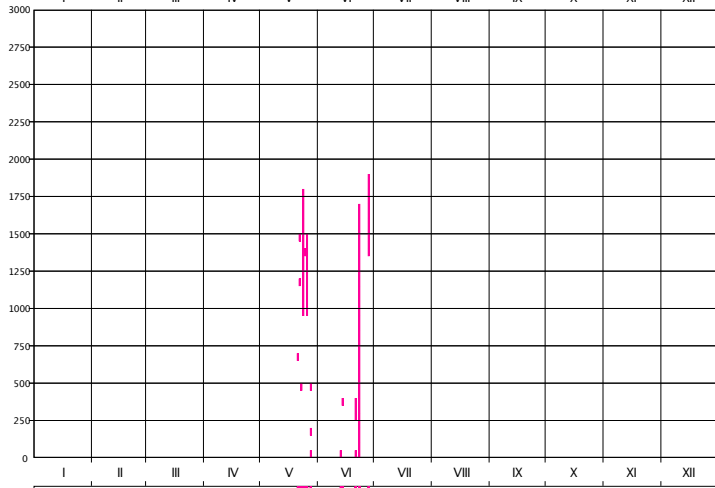
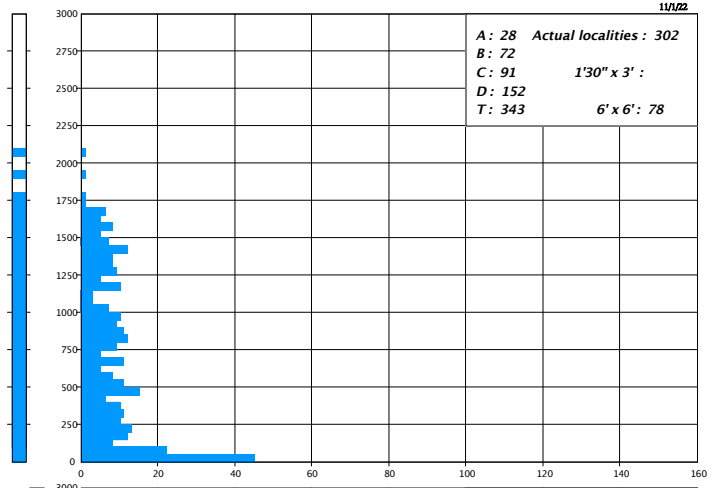
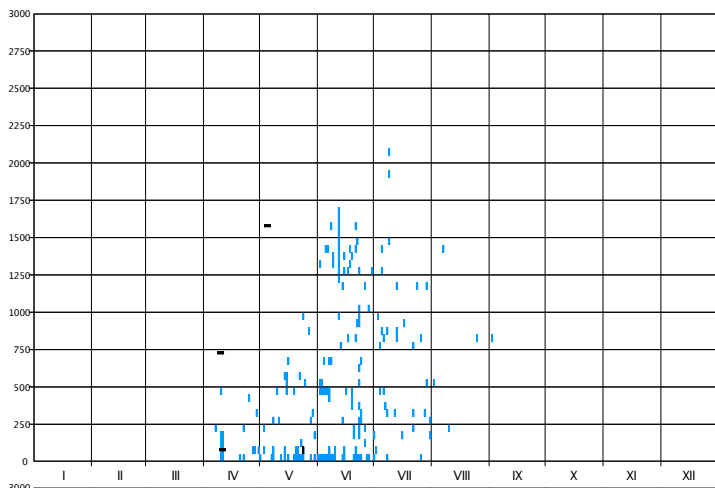


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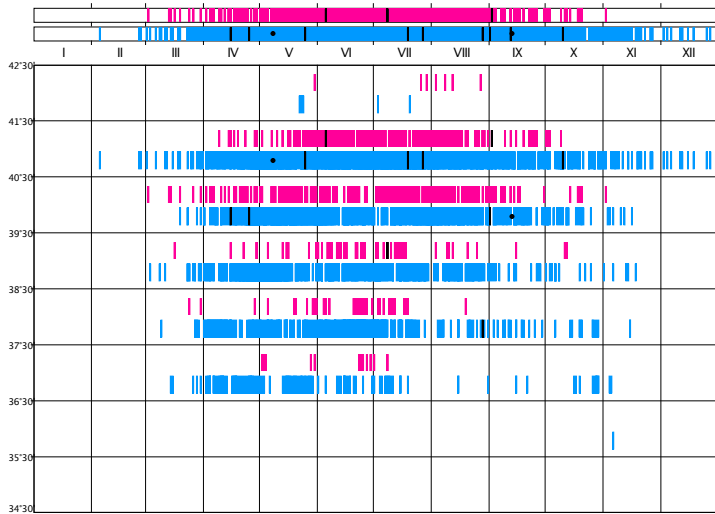
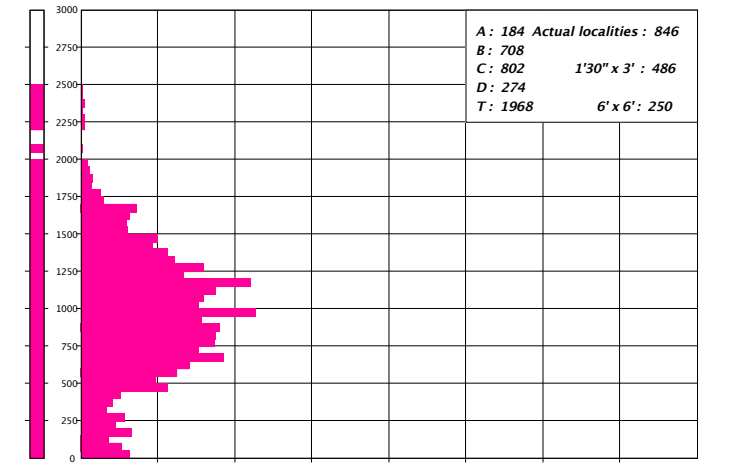
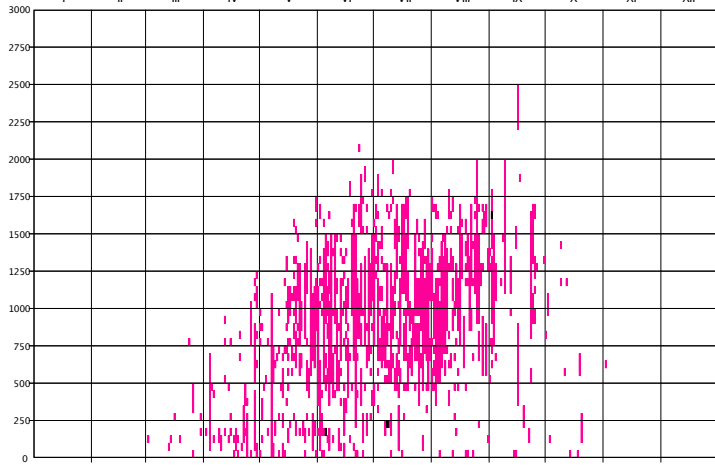
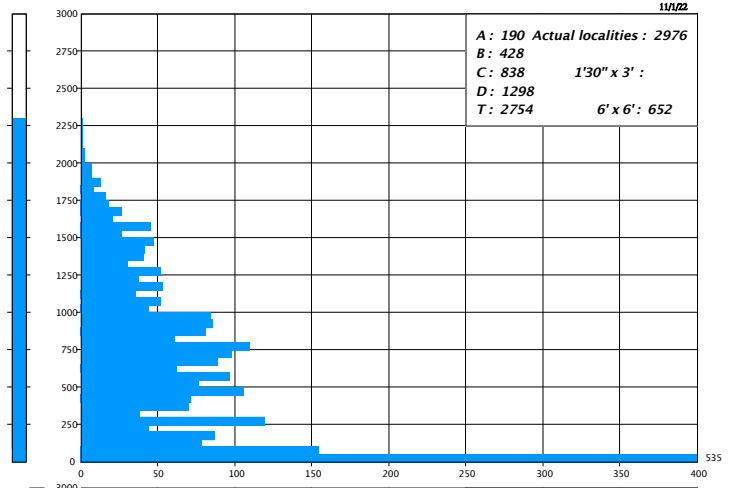
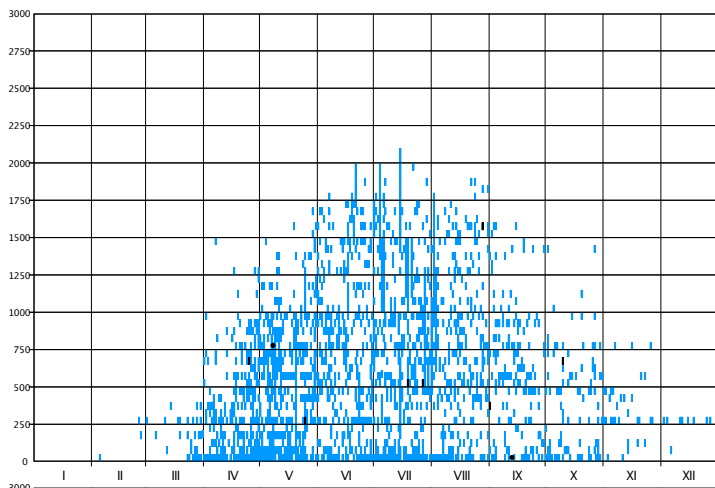




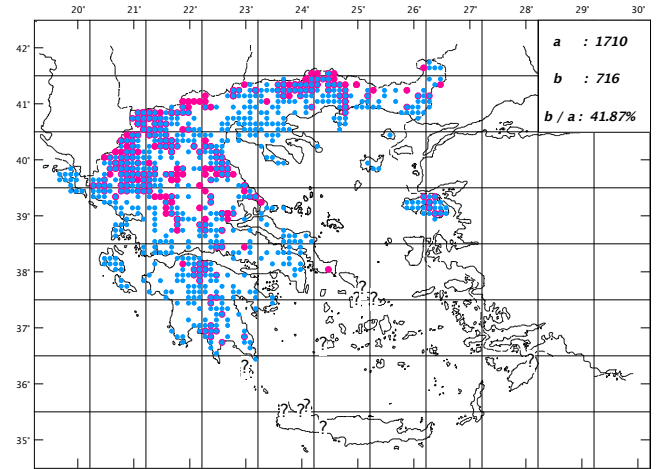


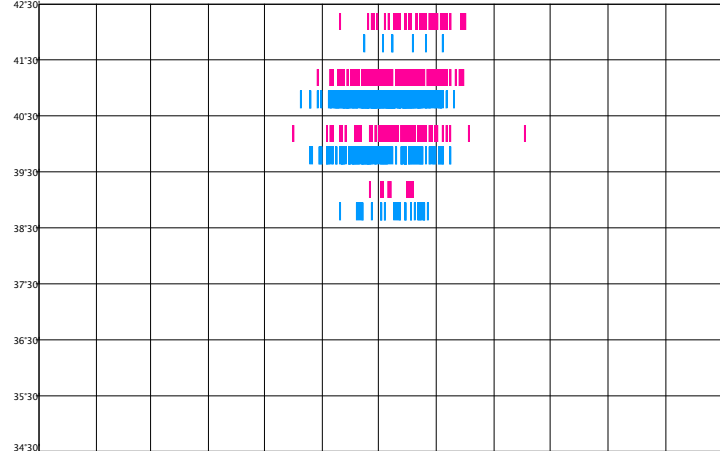
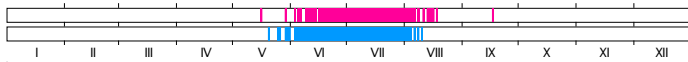
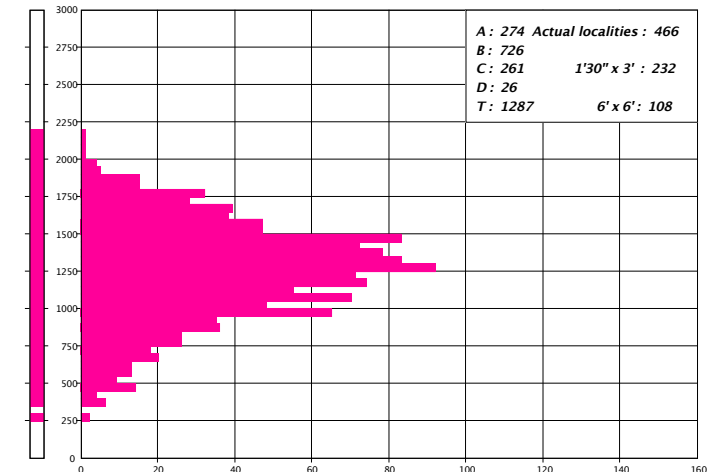
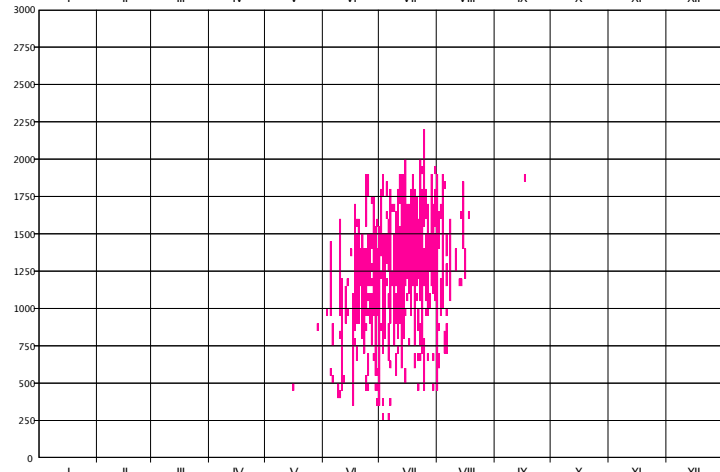
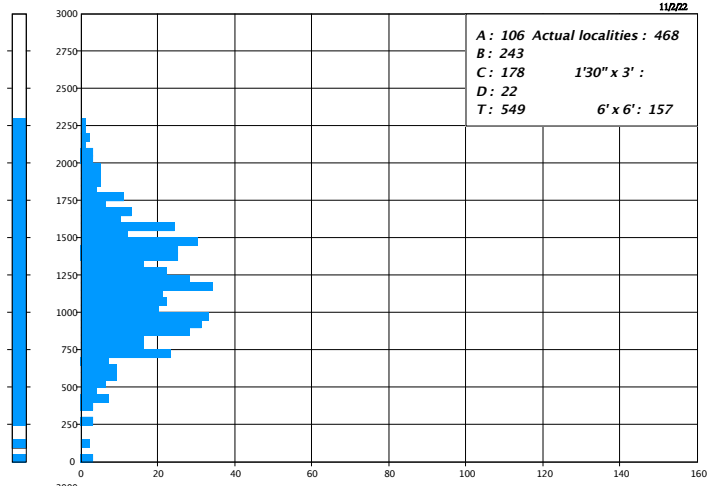
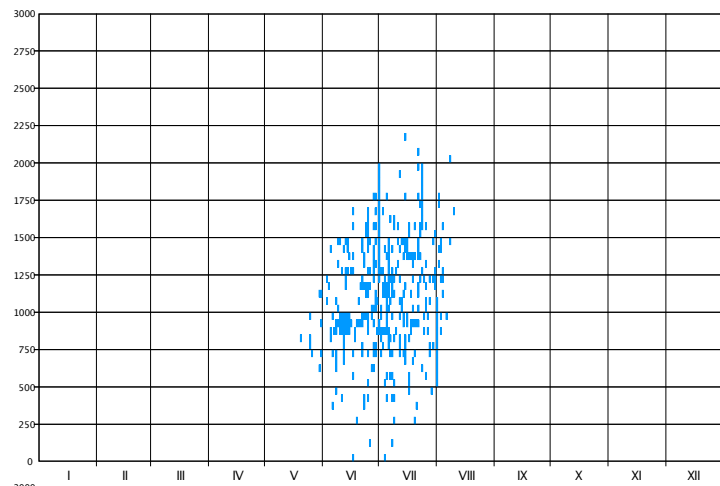
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ENDEMIC SPECIES OF GREECE**



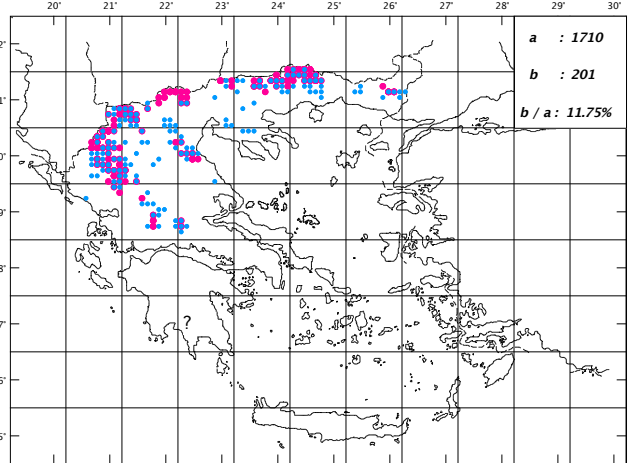


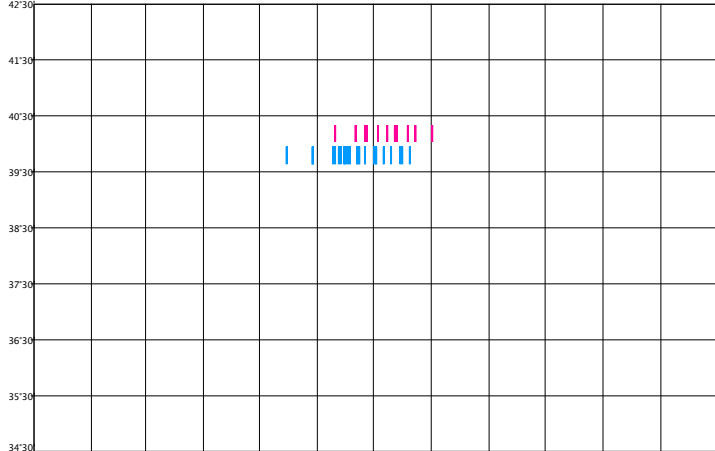
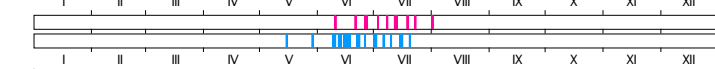
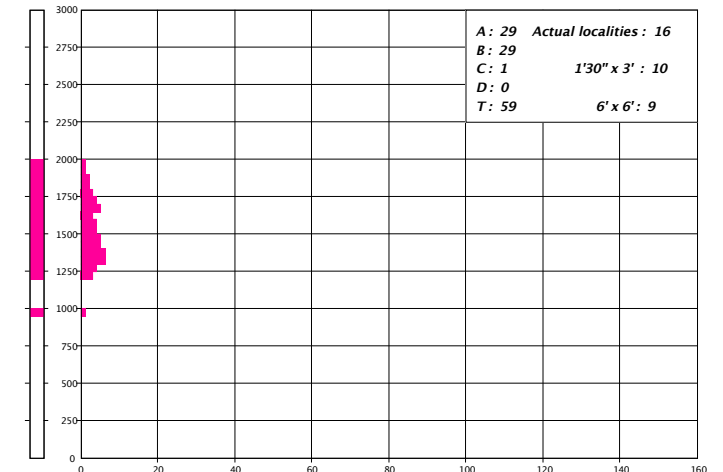
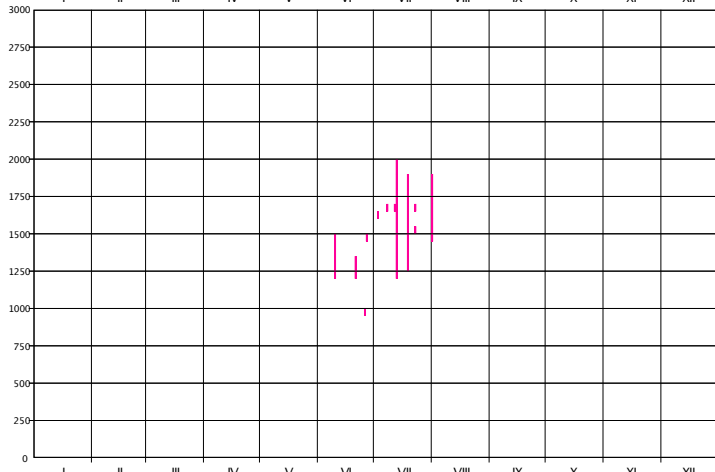
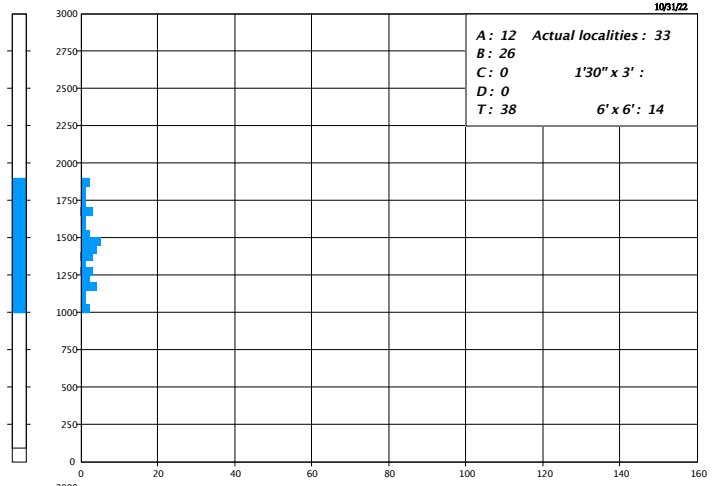
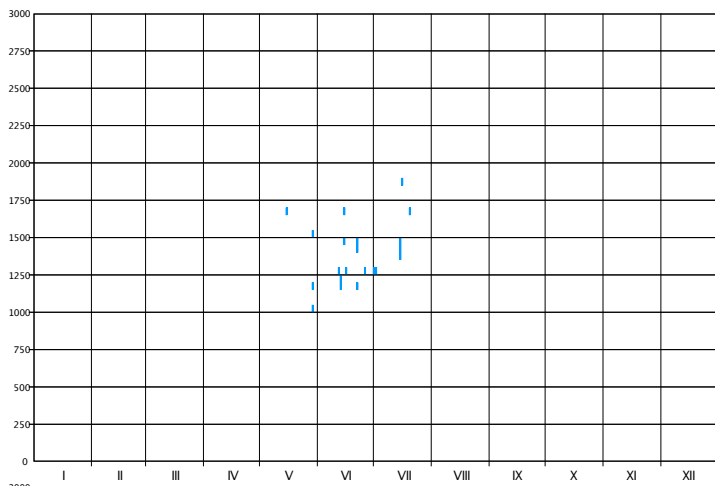
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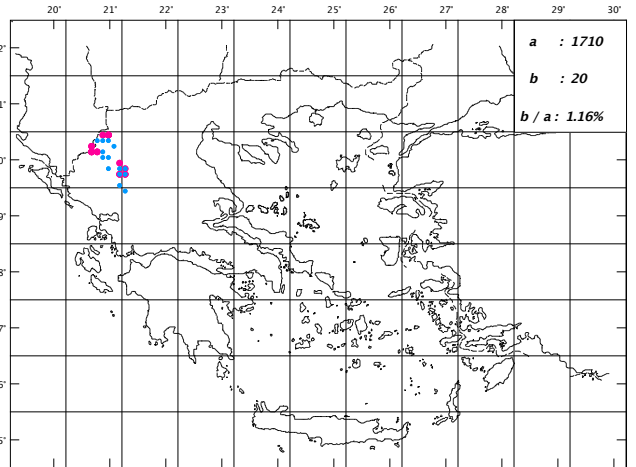


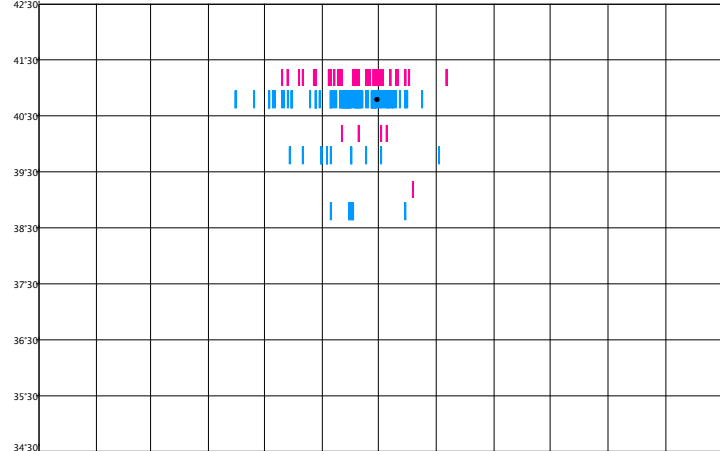
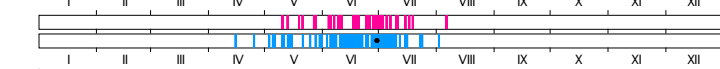
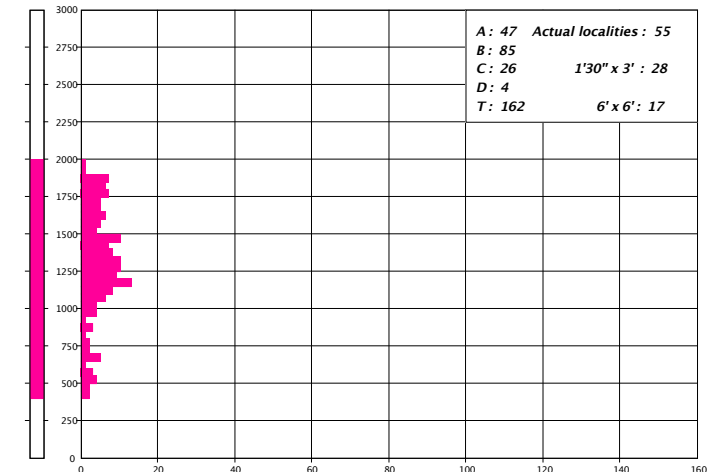
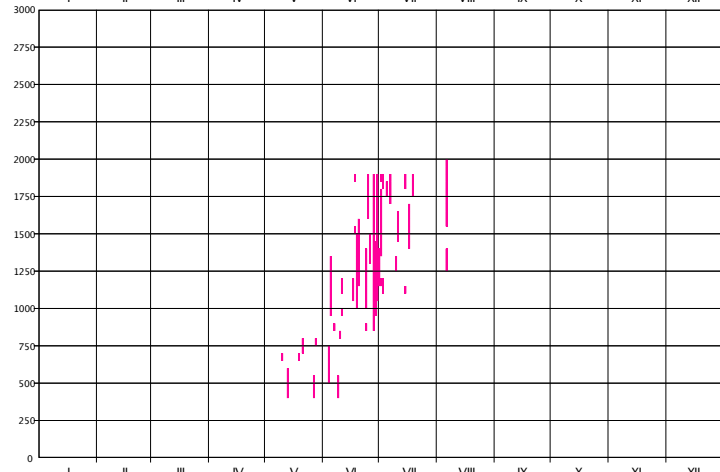
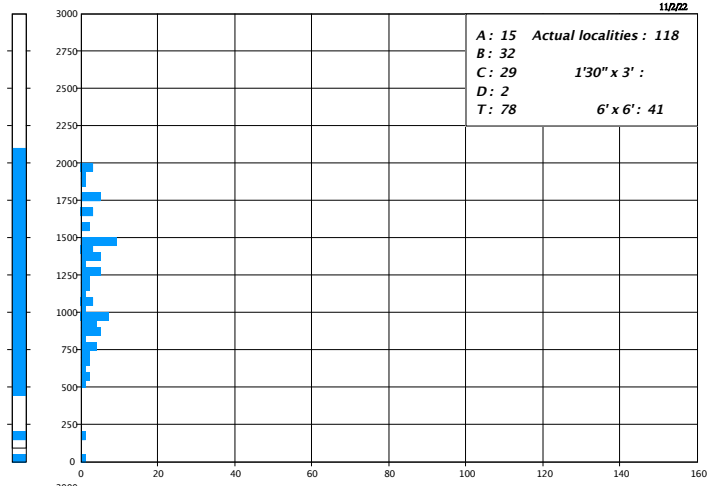
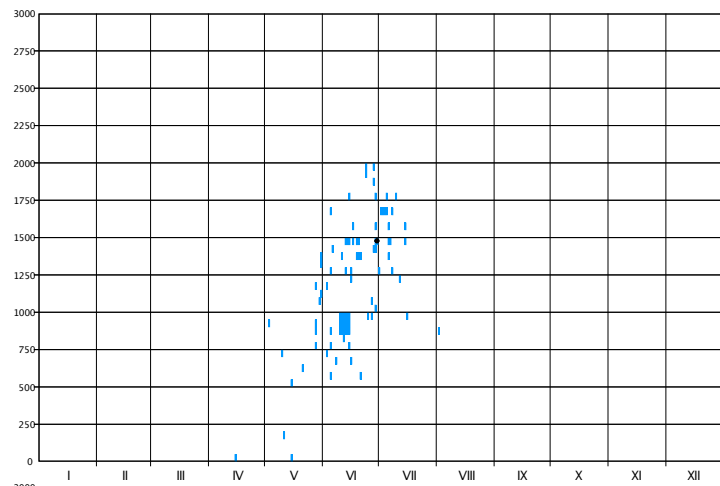
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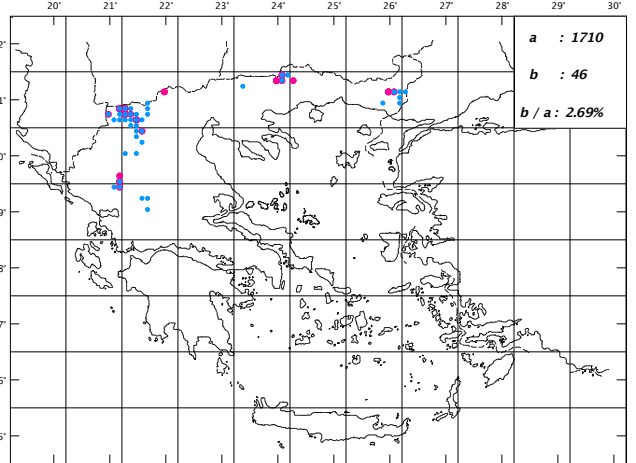


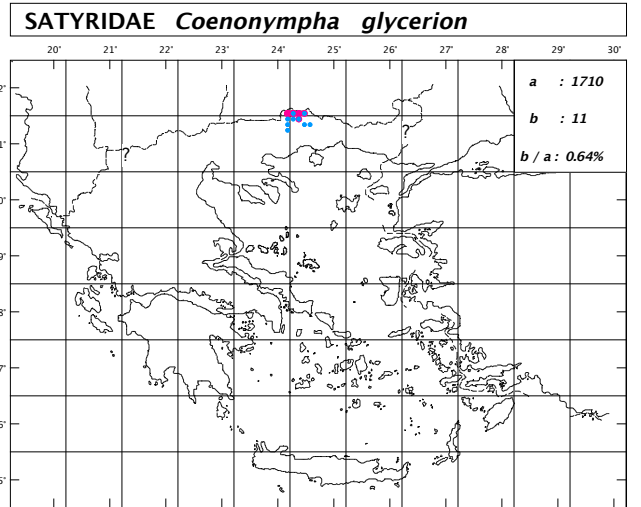
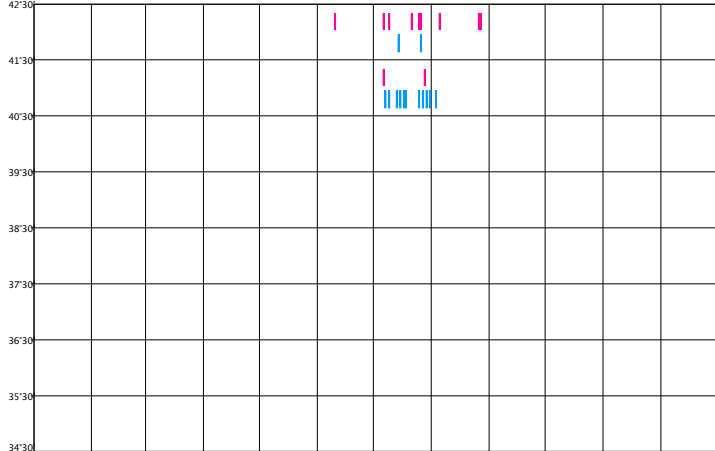
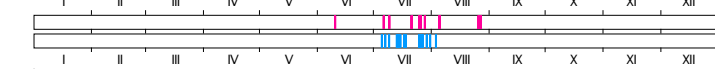
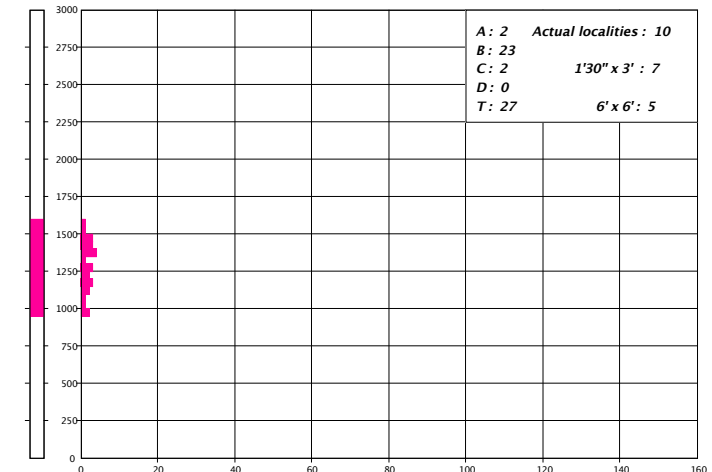
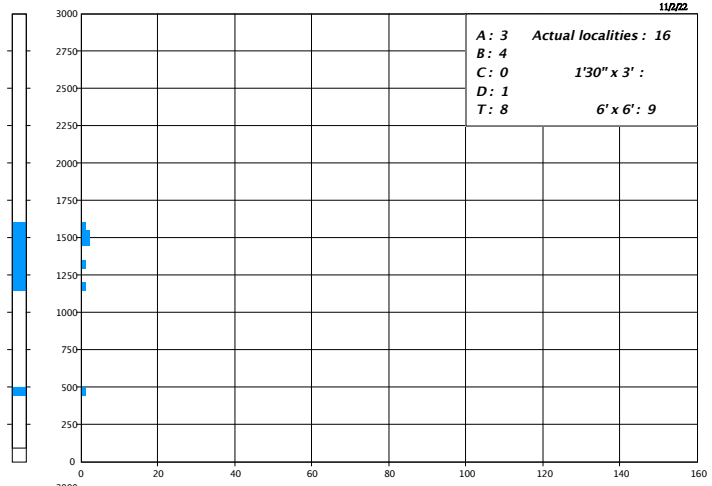
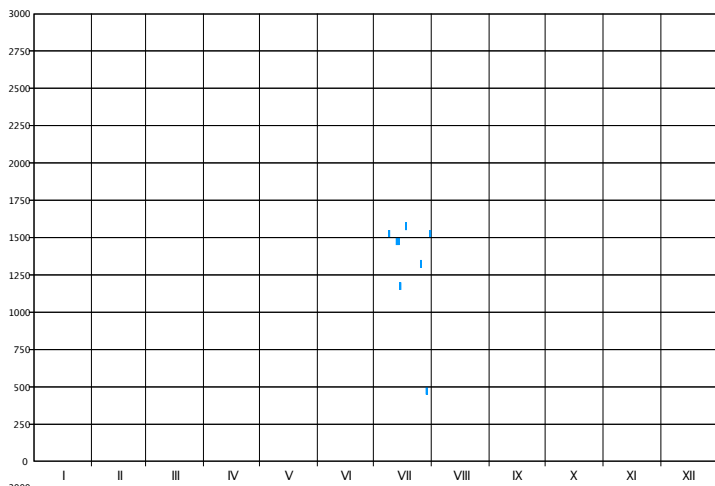
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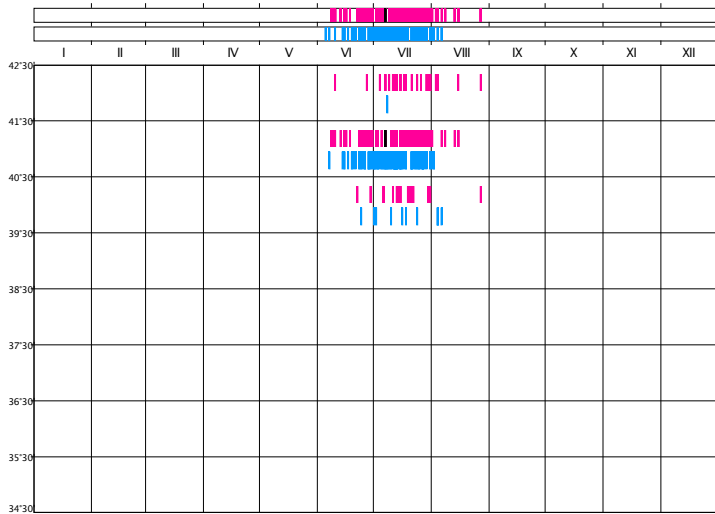
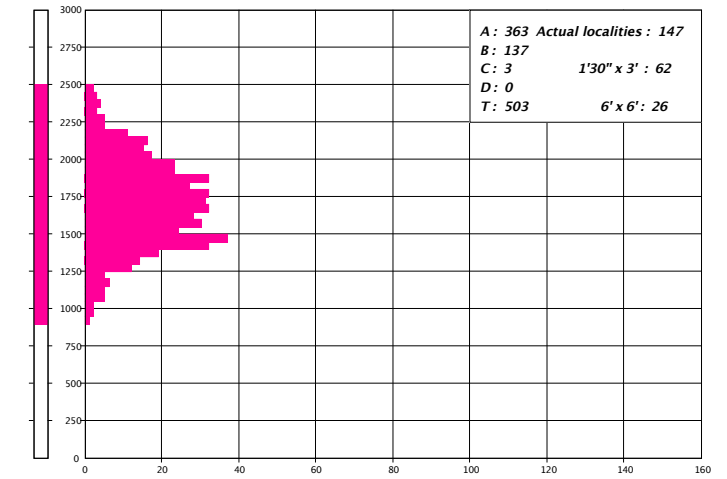
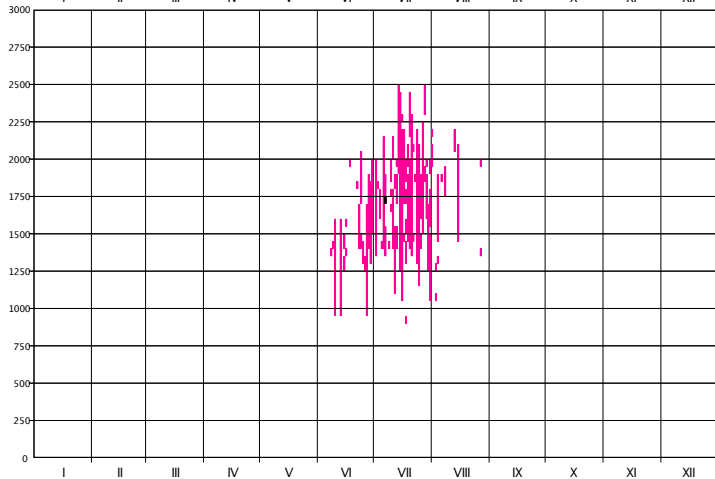
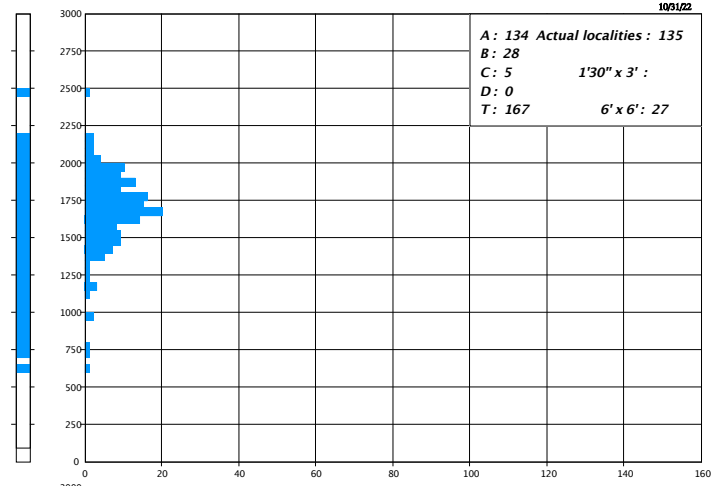
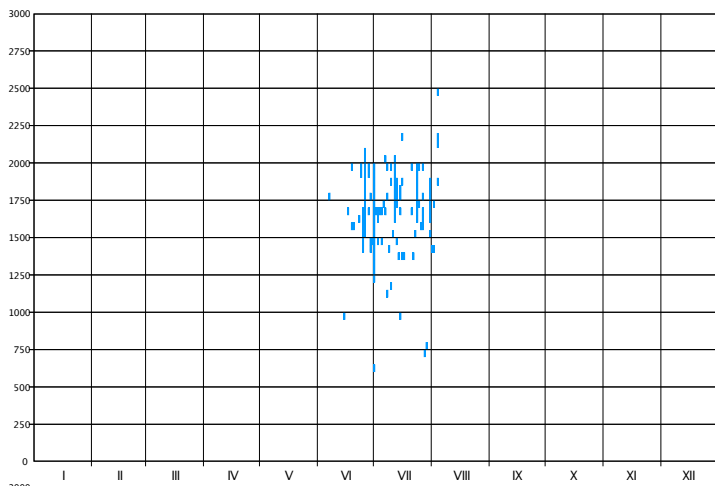




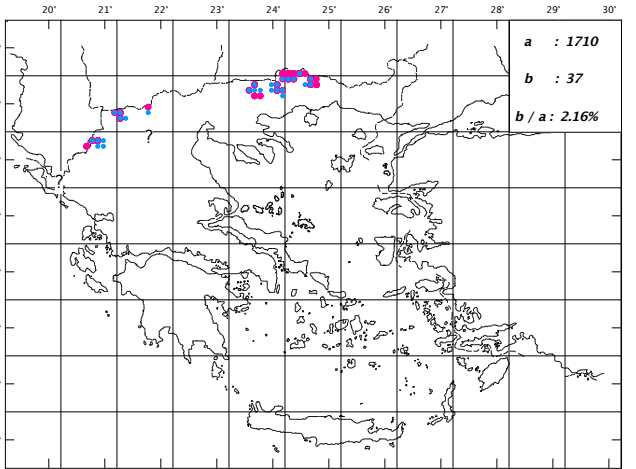
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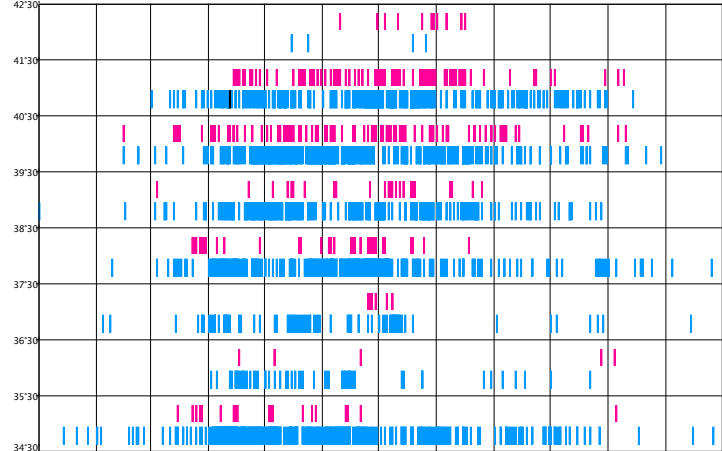
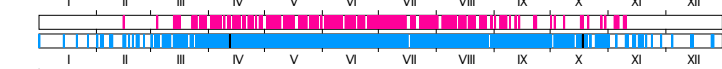
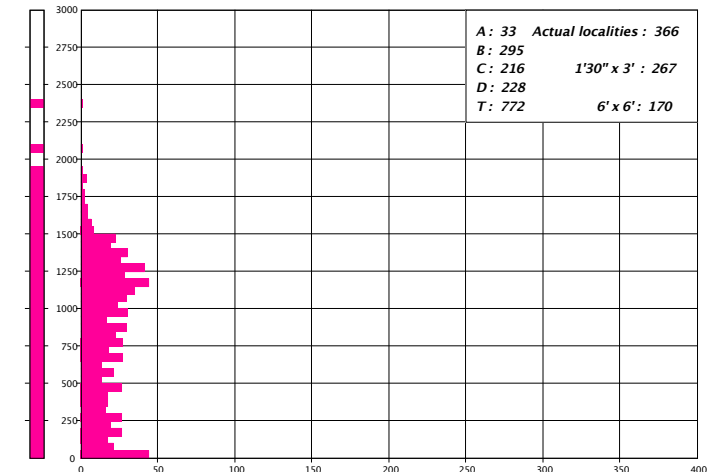
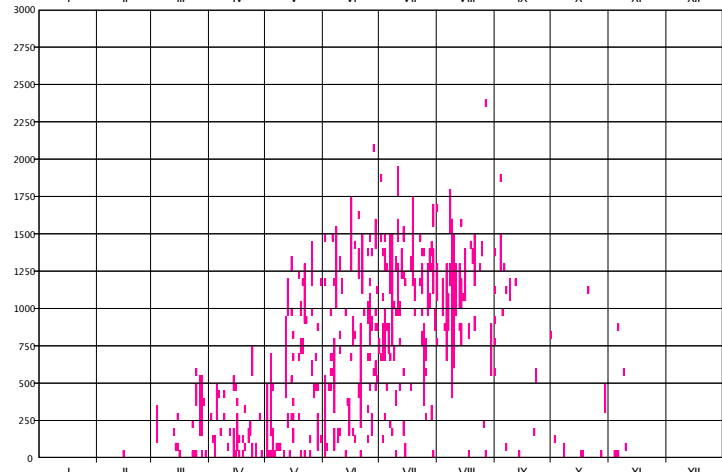
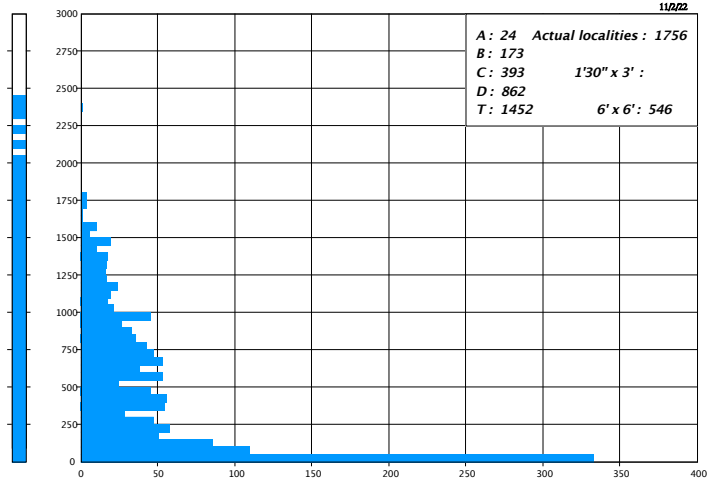
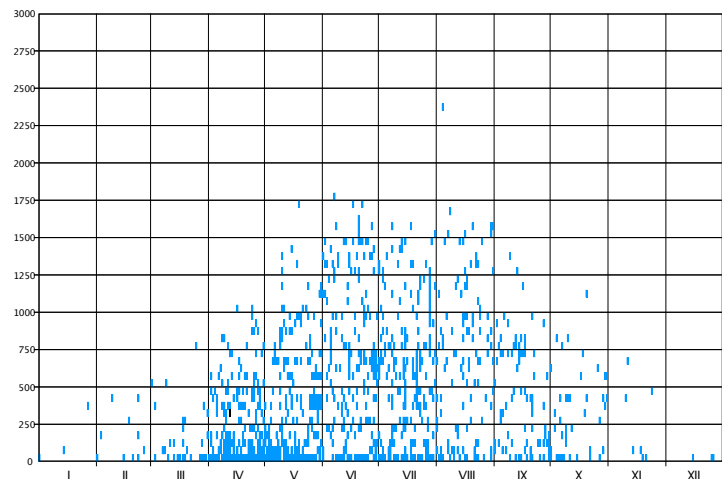




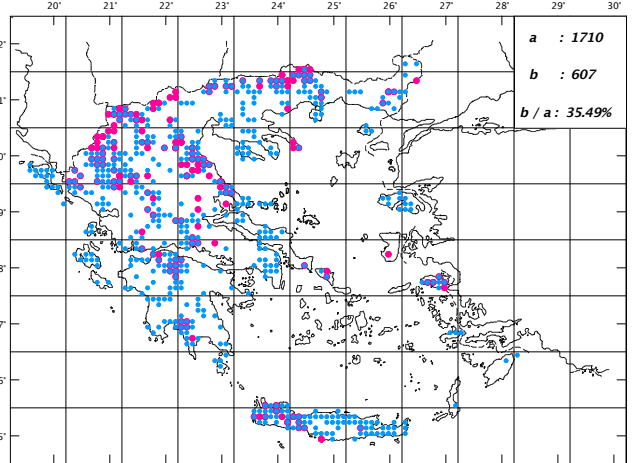


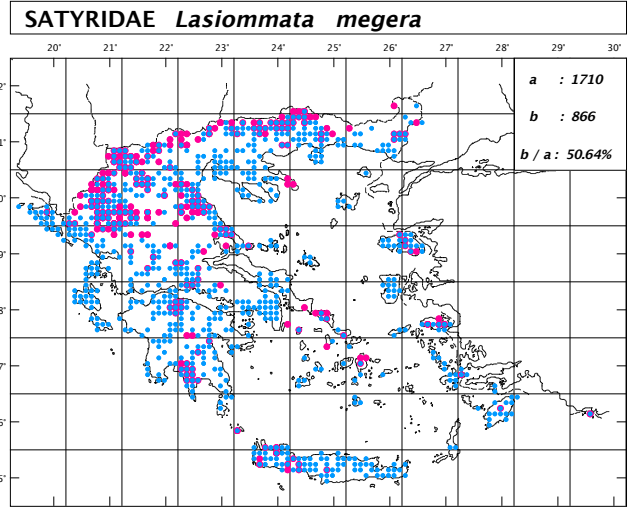
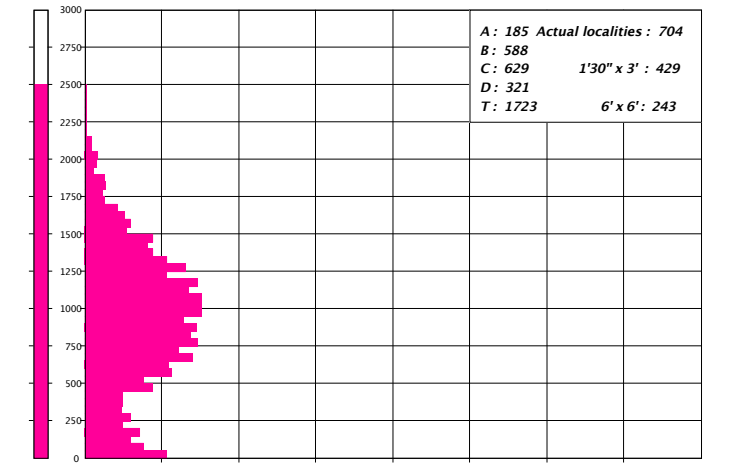
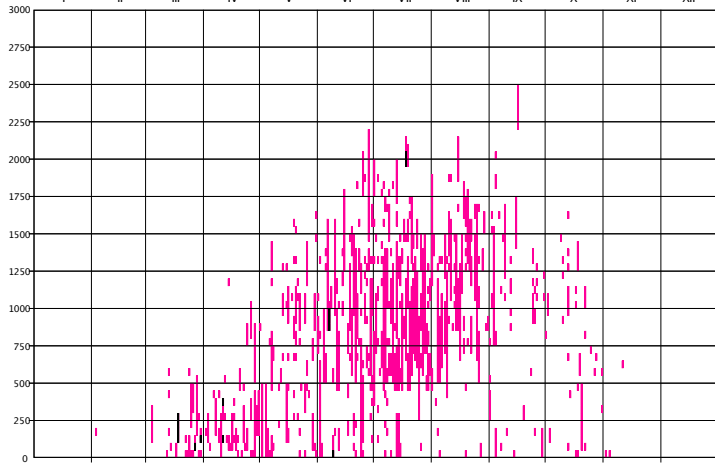
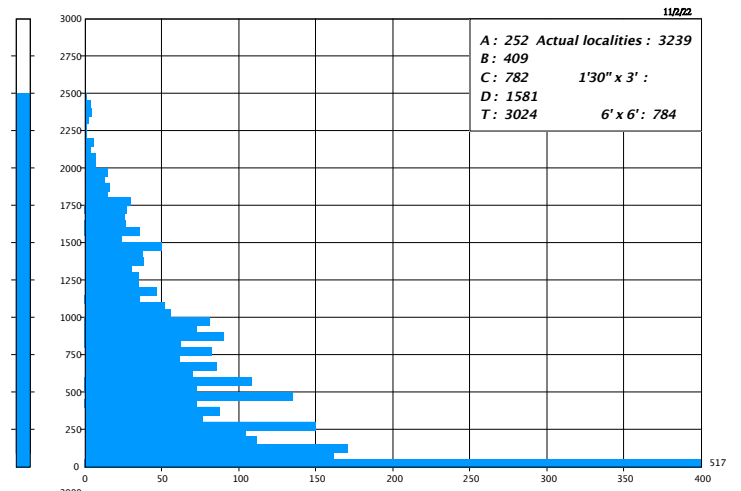
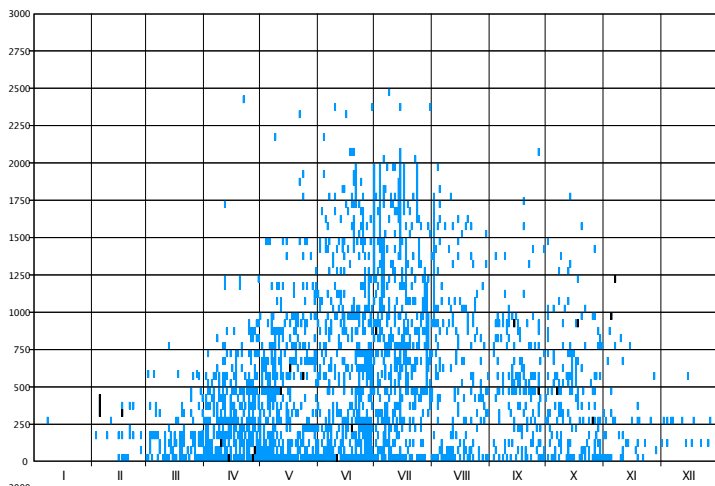
**SATYRIDAE *Coenonympha rhodopensis***





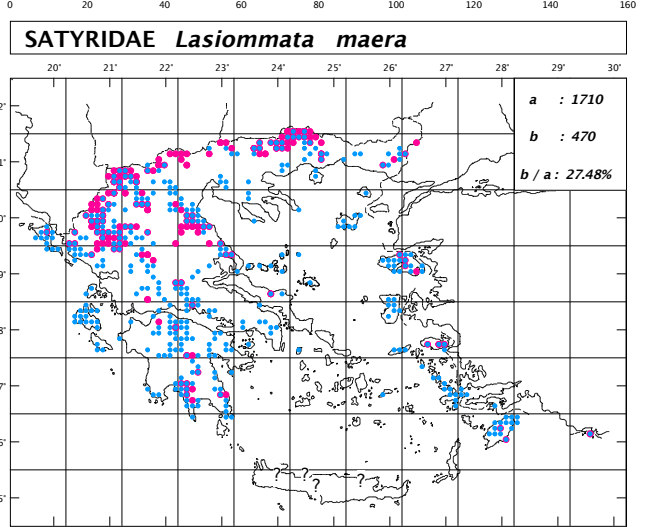
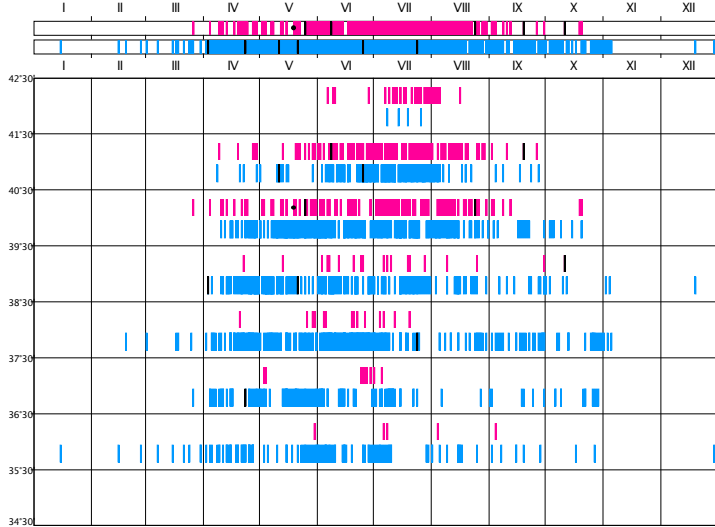
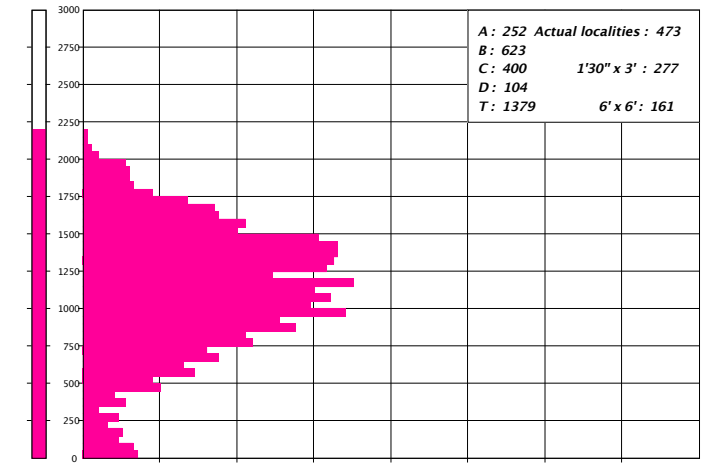
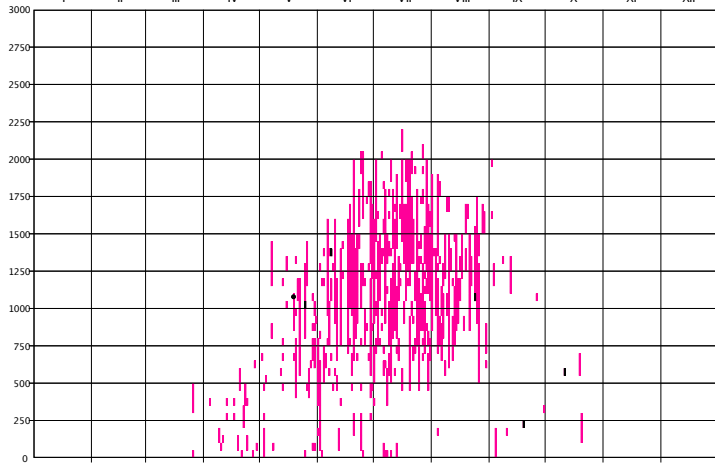
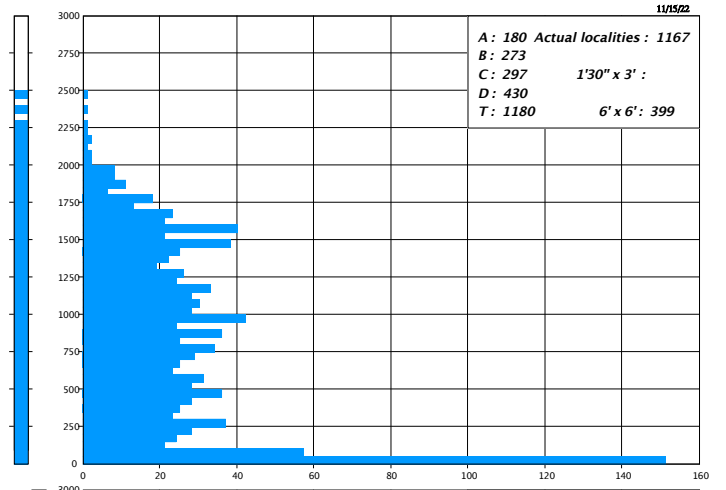
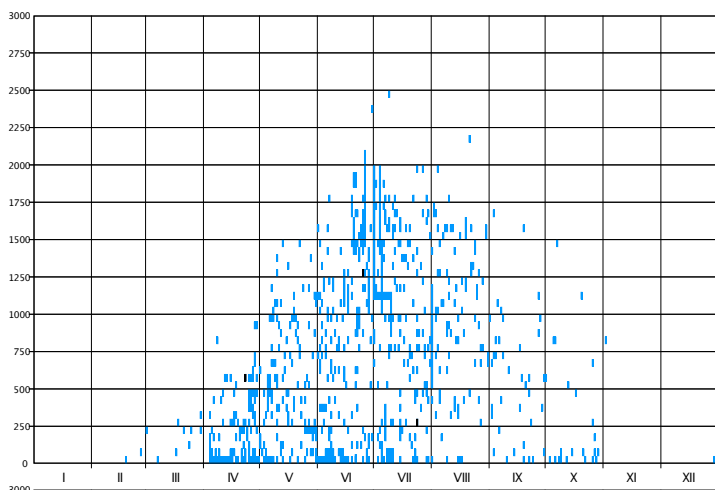
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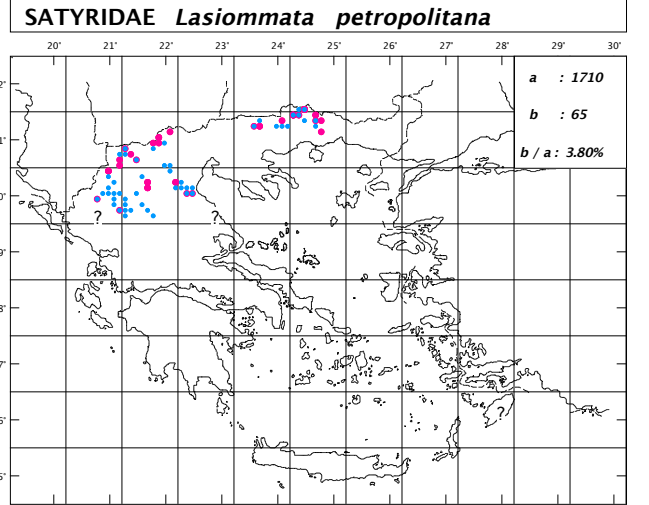
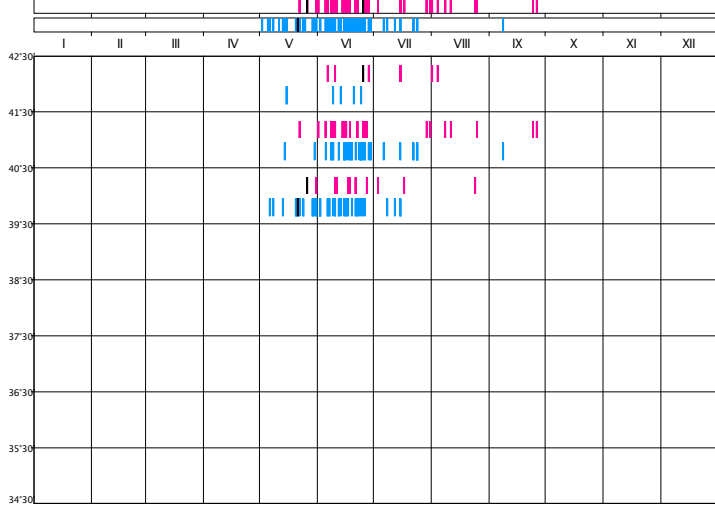
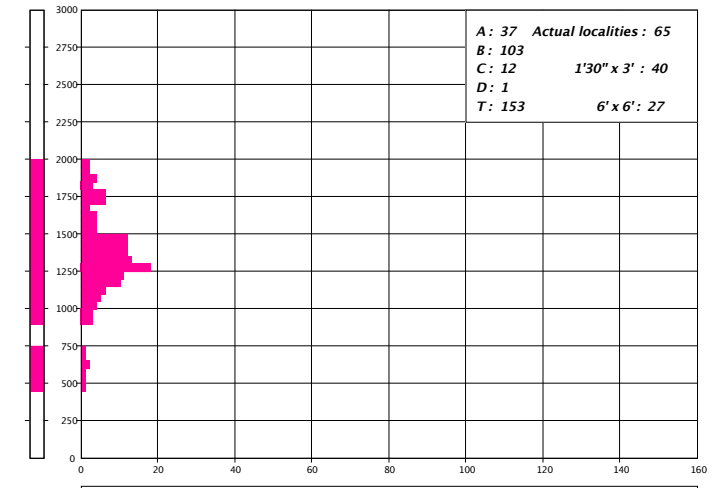
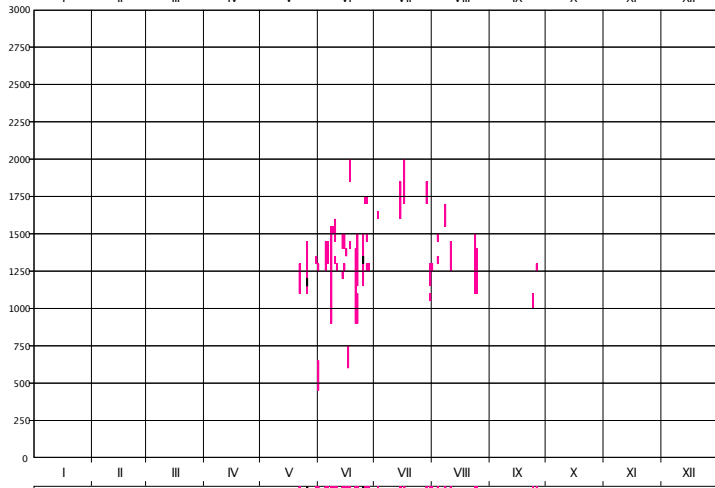
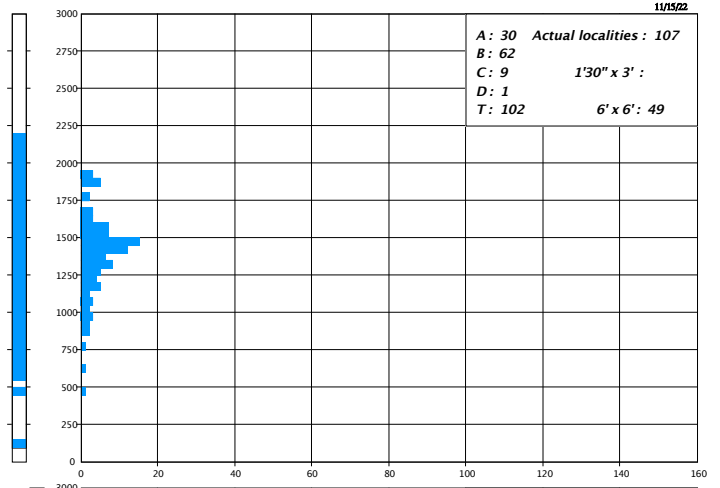
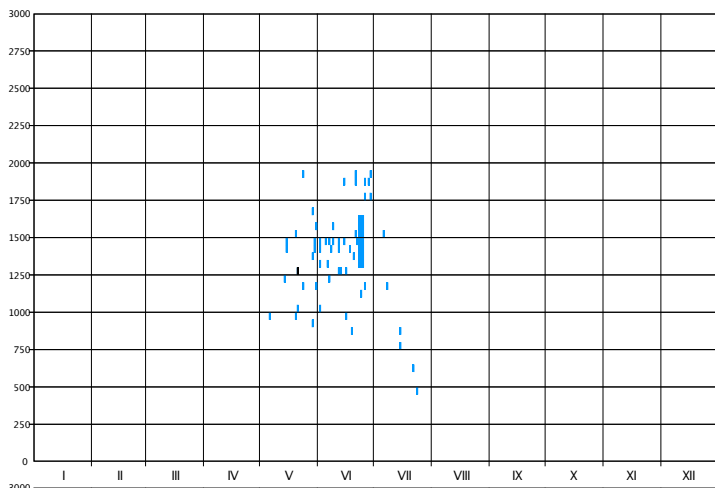


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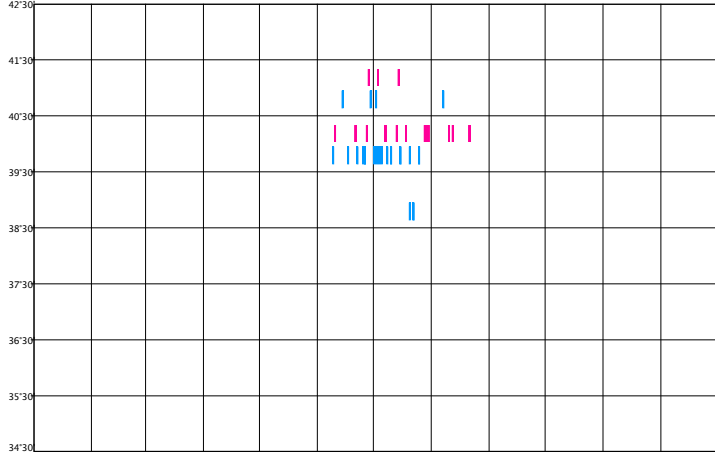
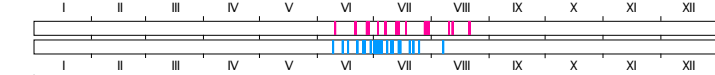
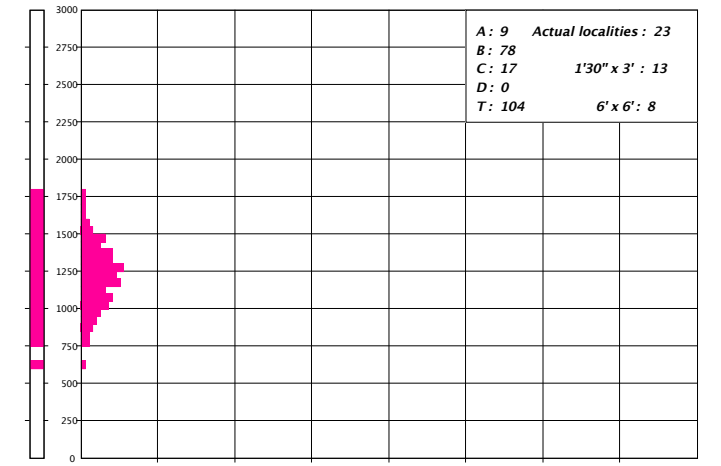
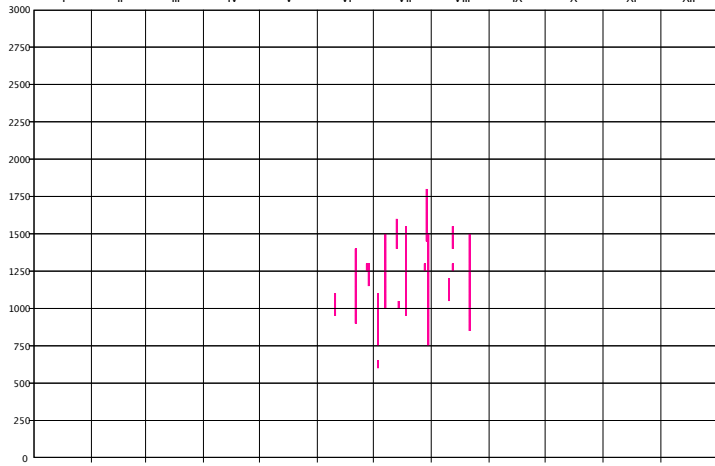
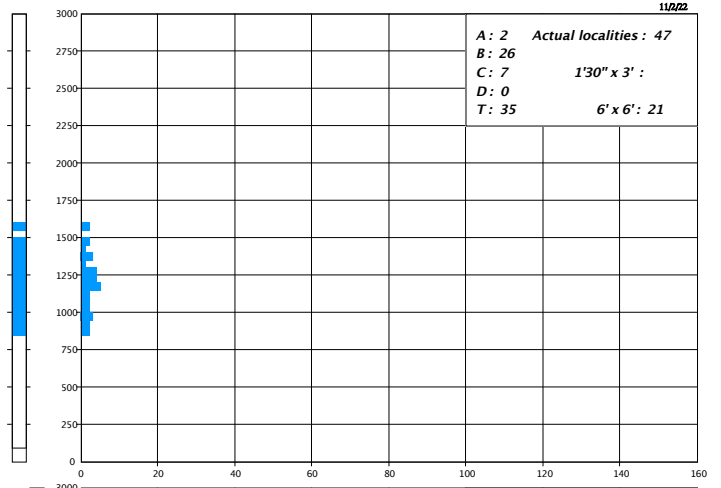
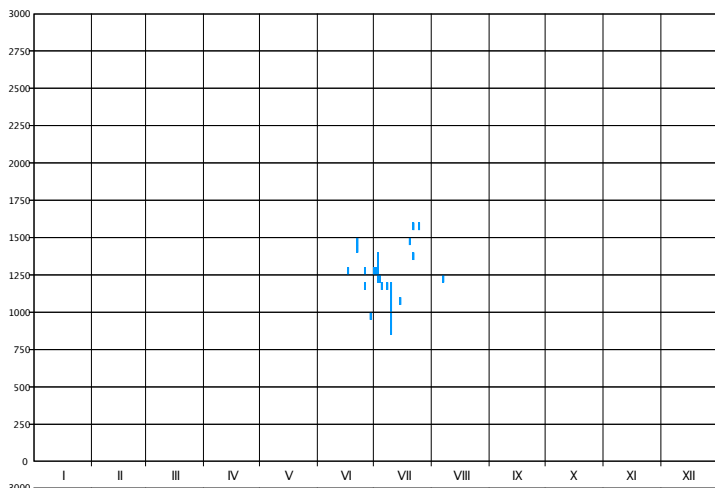




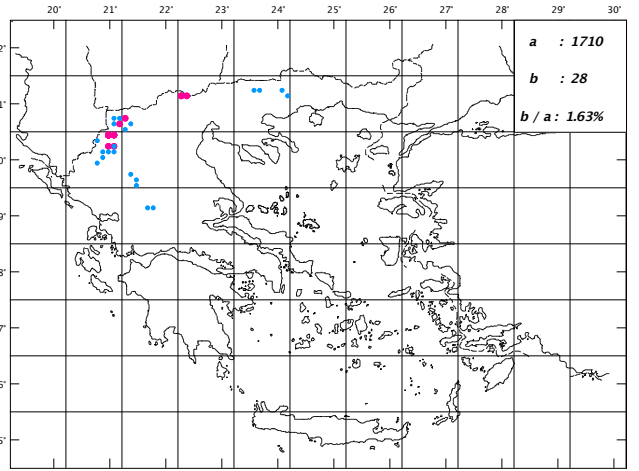
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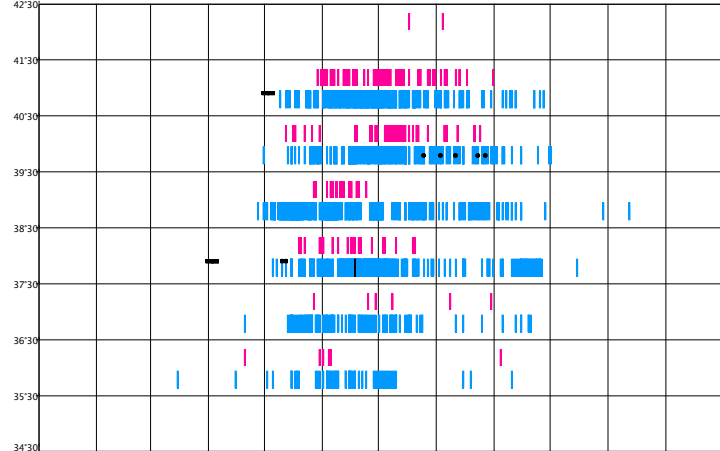
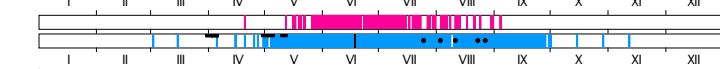
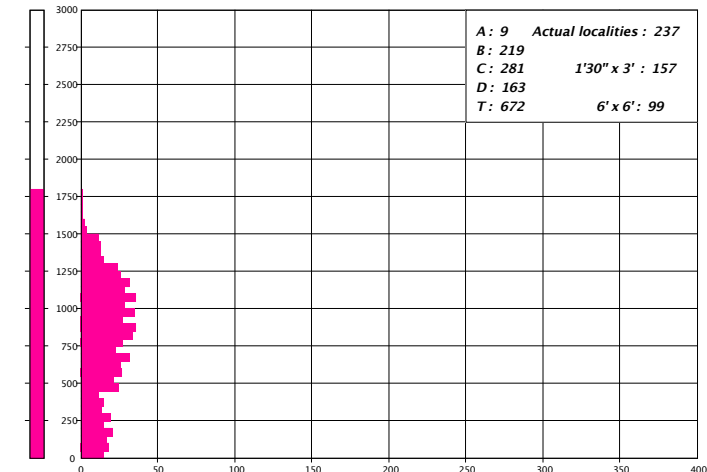
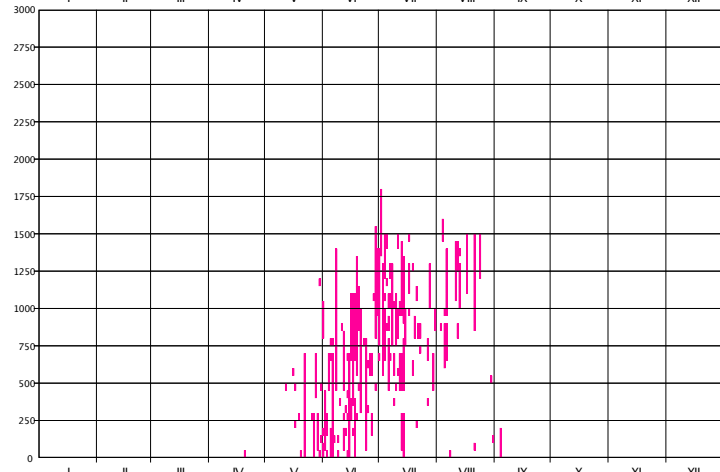
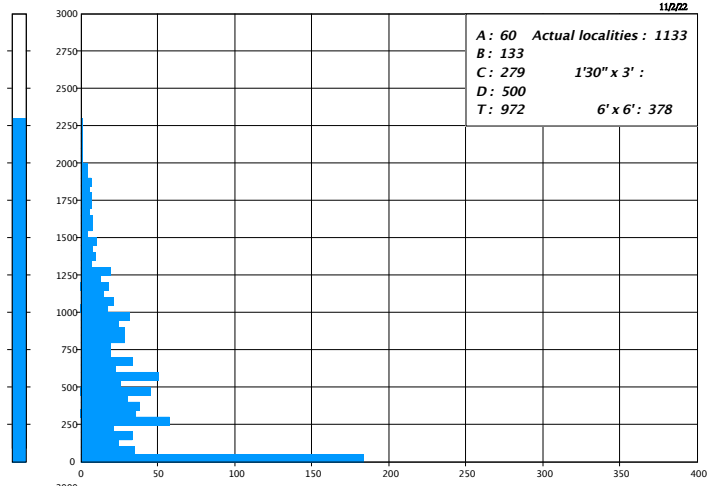
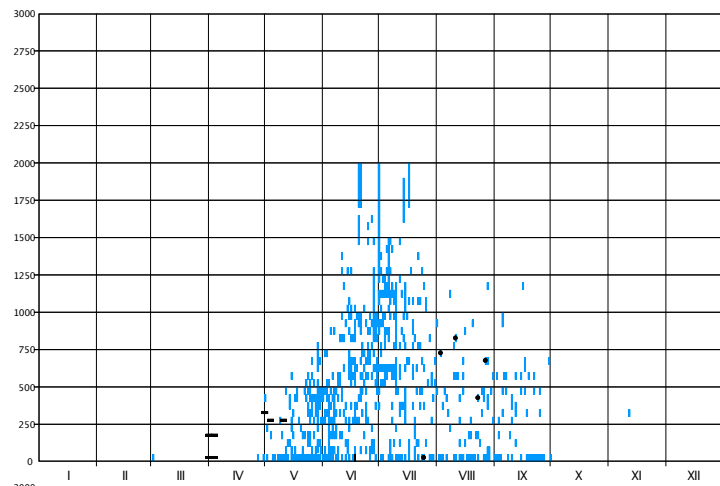


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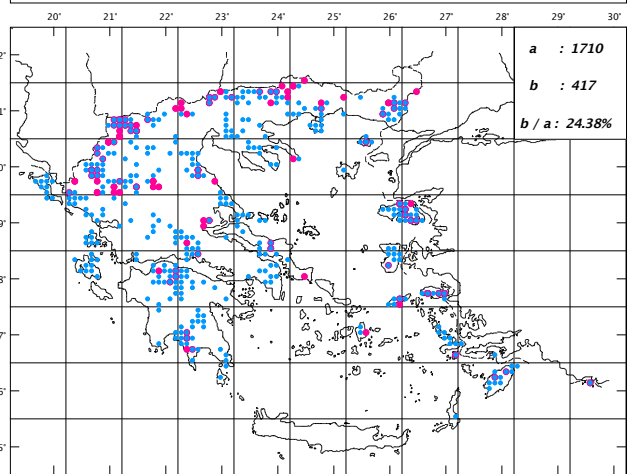


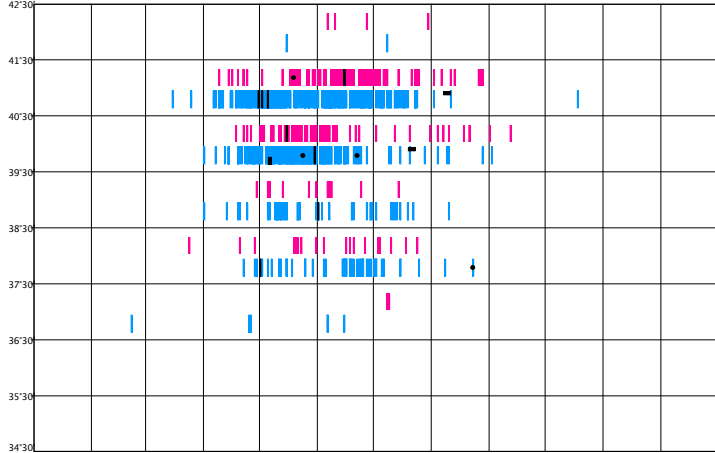
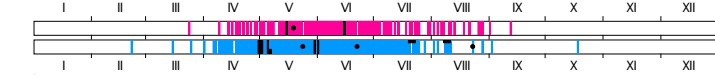
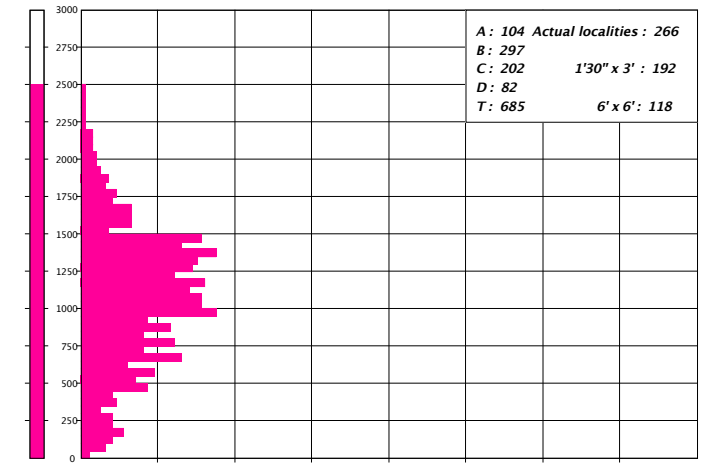
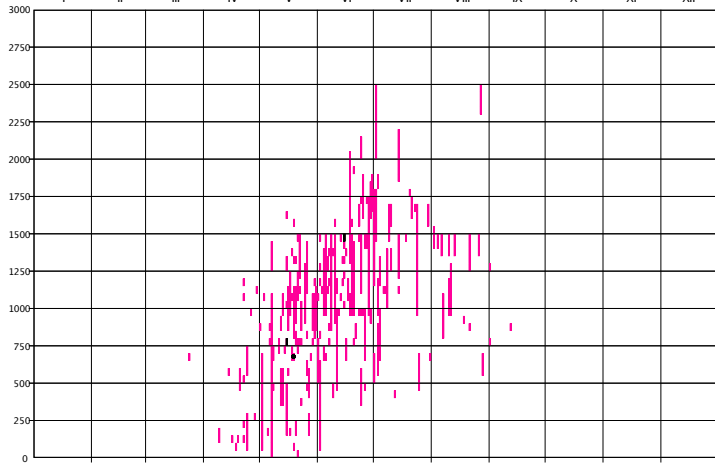
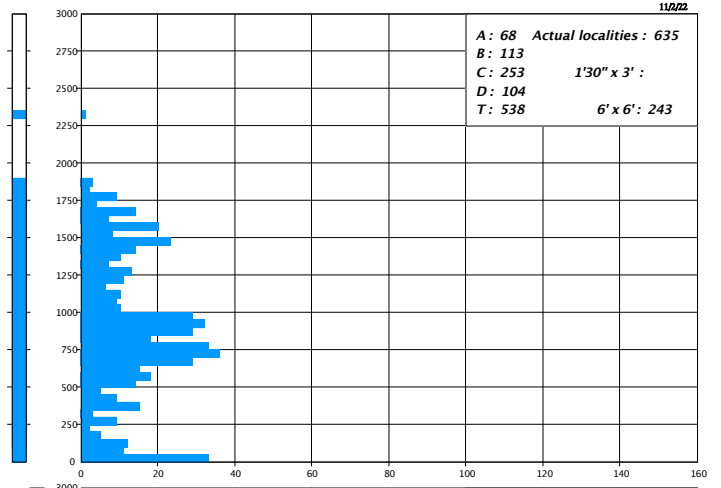
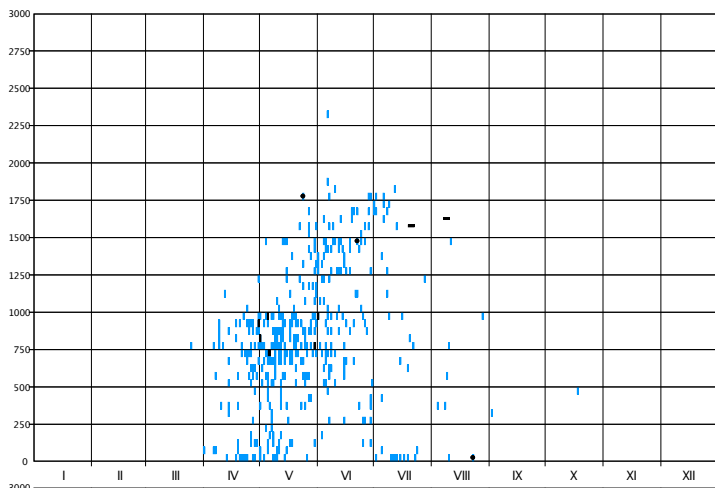
**SATYRIDAE *Kirinia climene***



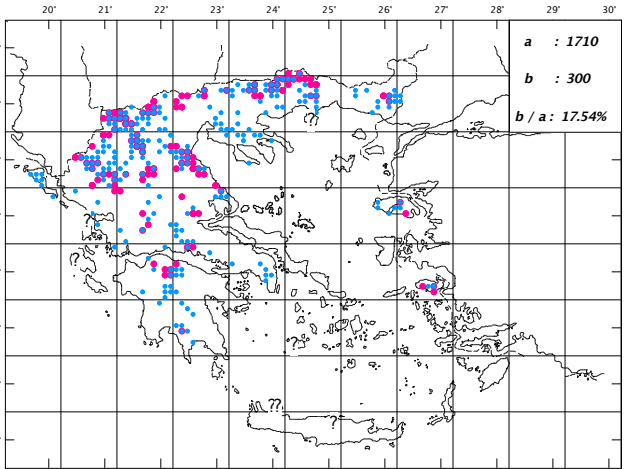


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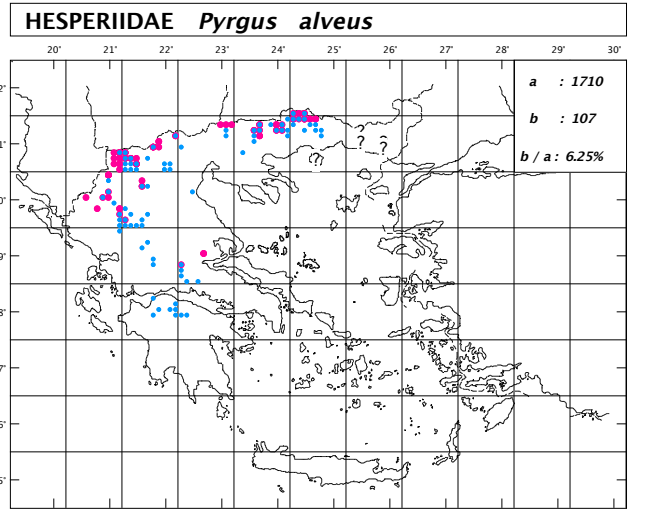
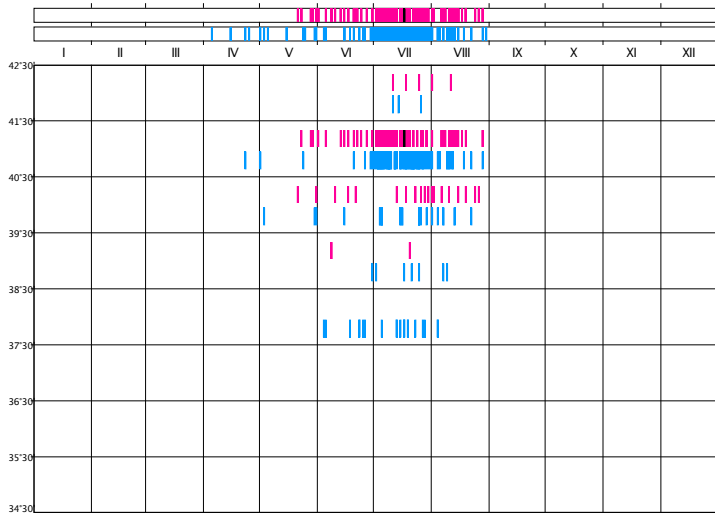
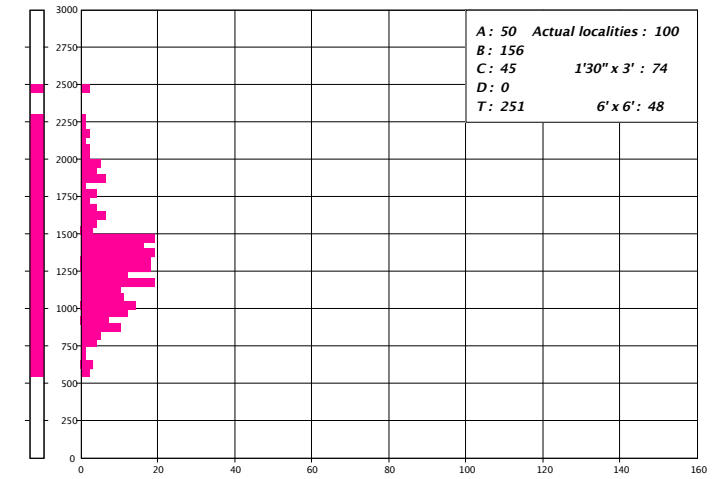
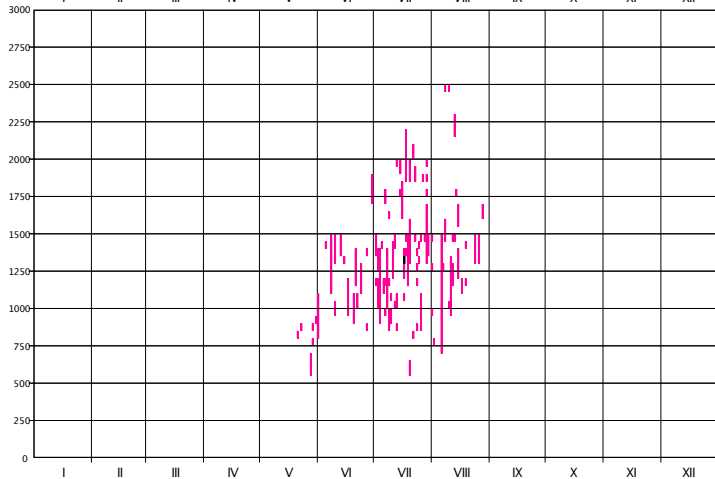
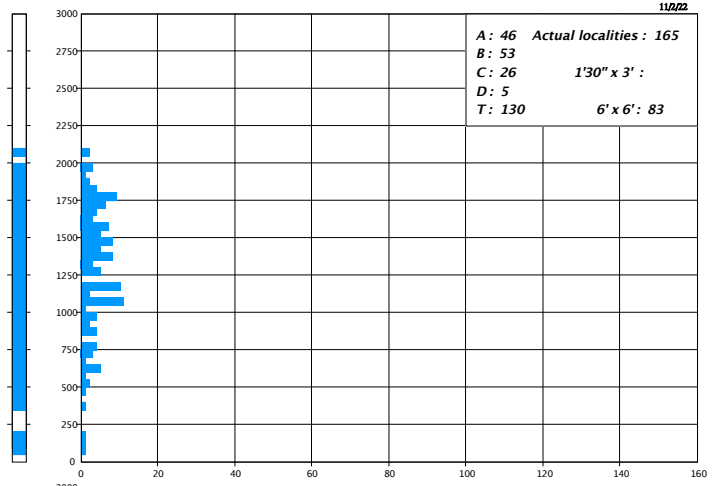
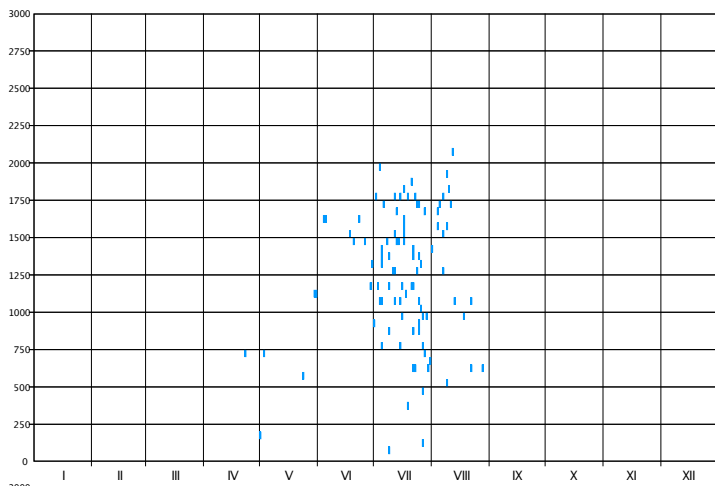




**HESPERIIDAE *Pyrgus malvae***

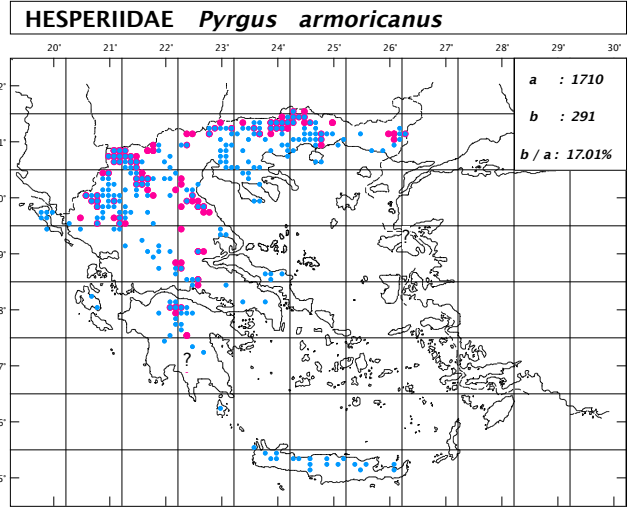
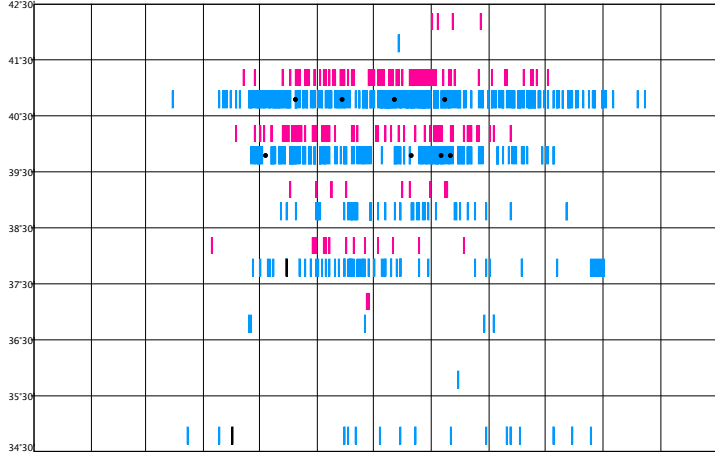
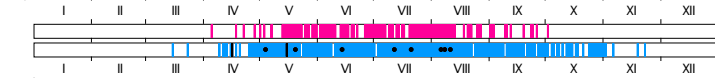
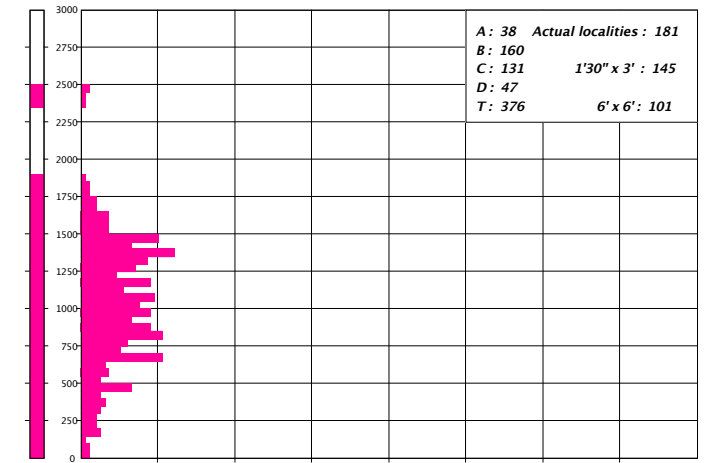
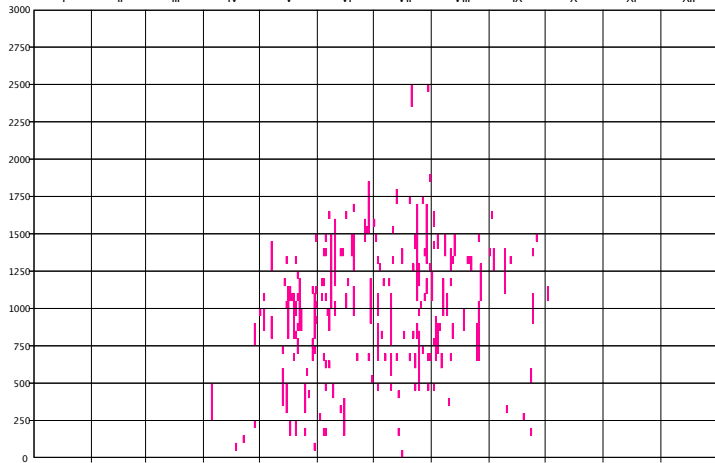
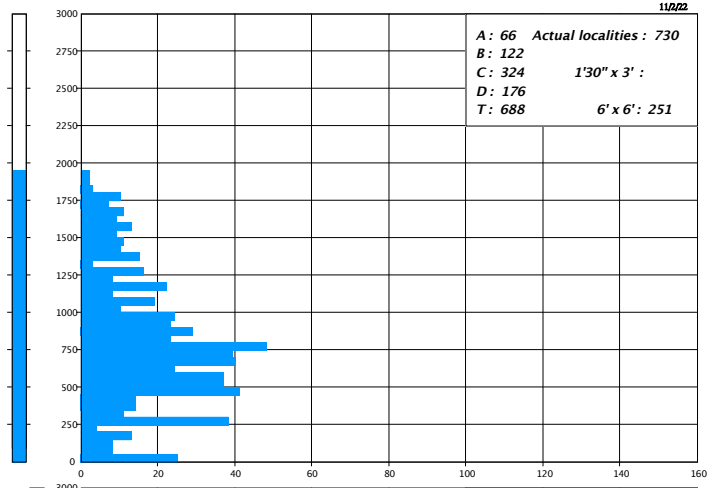
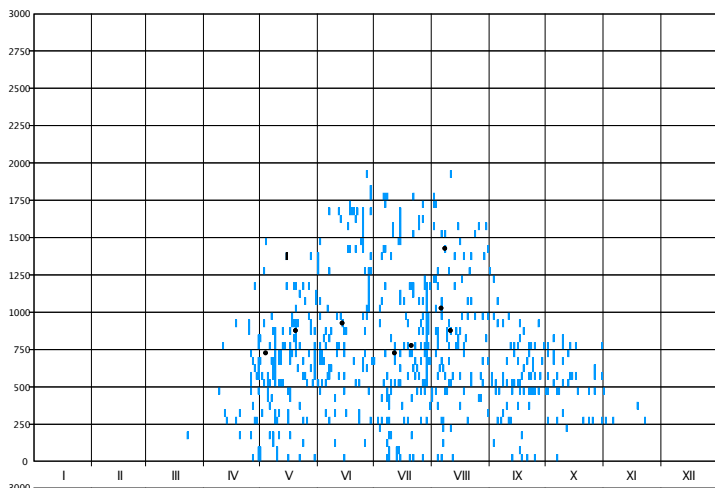


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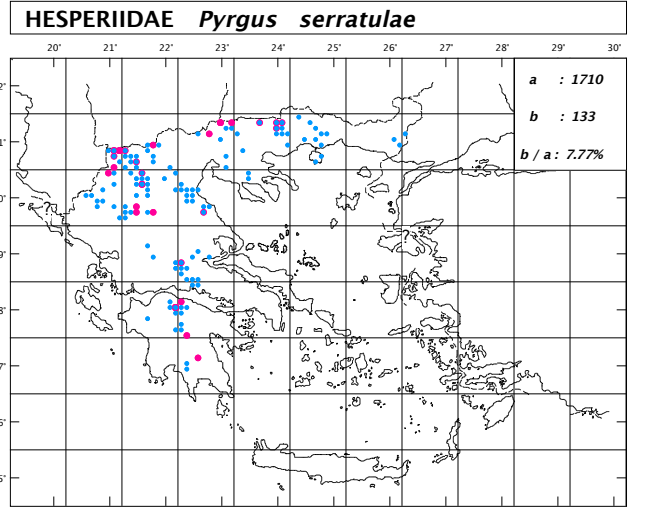
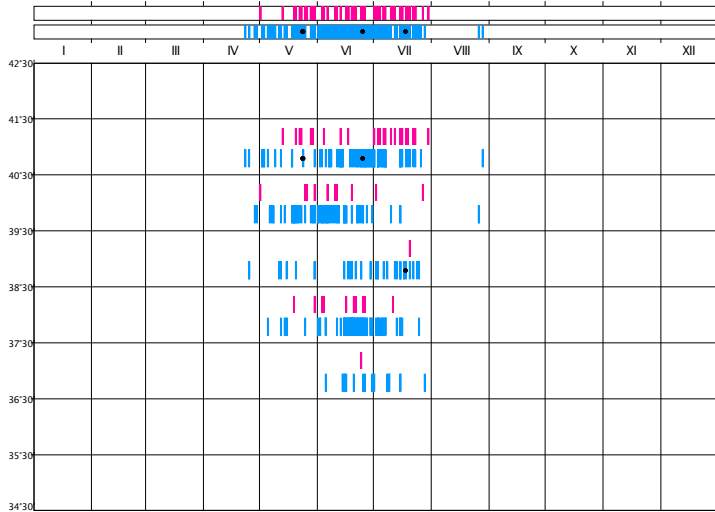
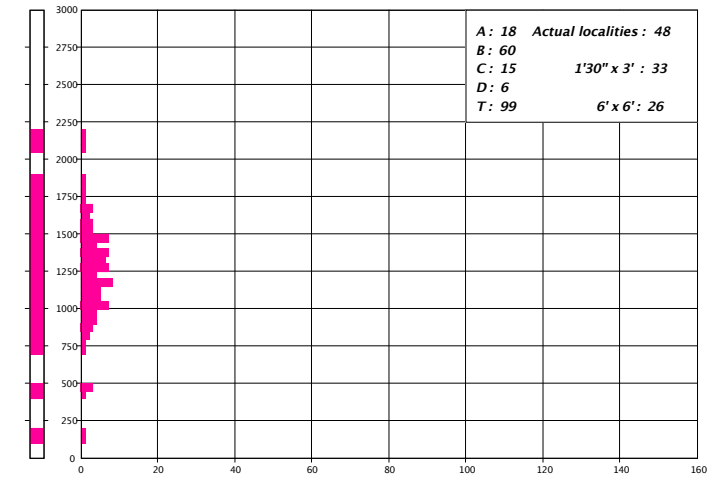
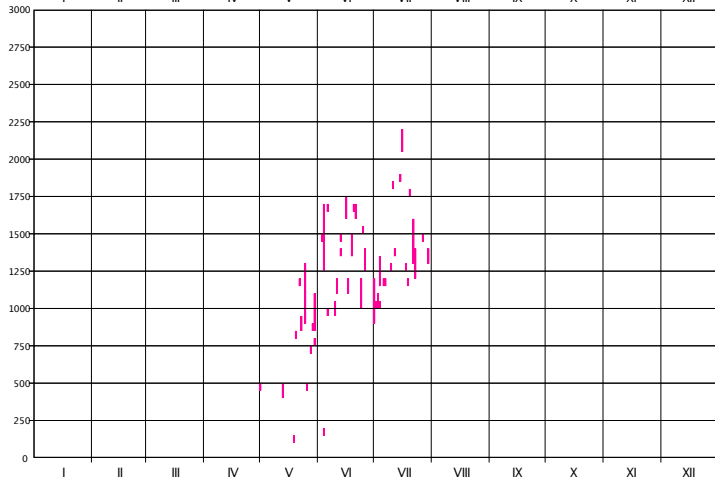
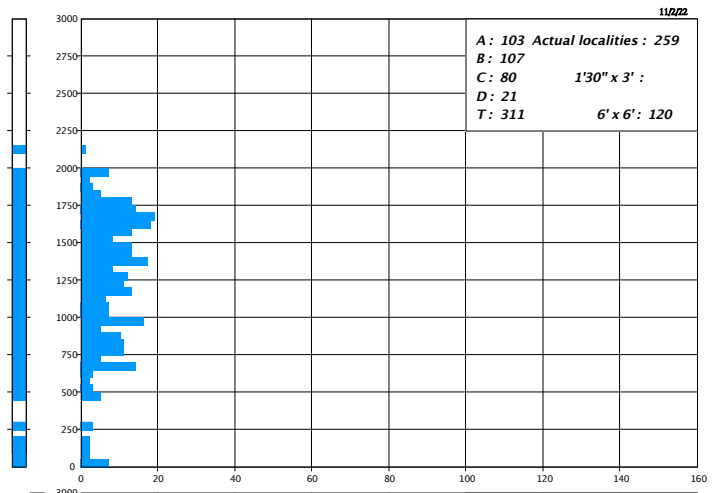
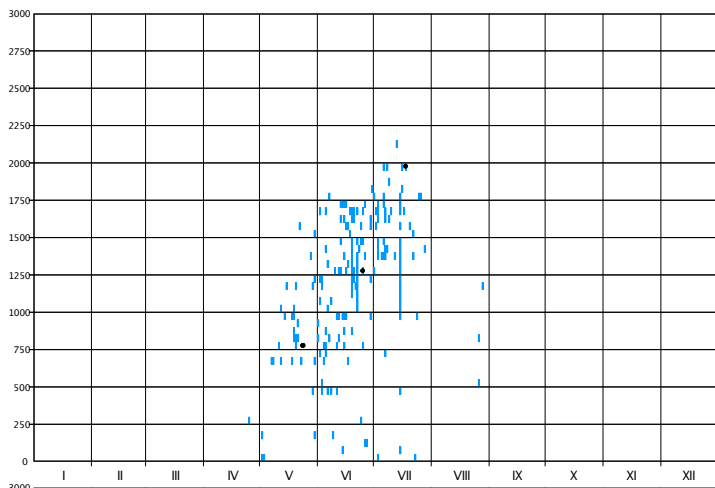
Αμφίβολη αναγνώριση / Identification Uncertain

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



Αμφίβολη αναγνώριση / Identification Uncertain

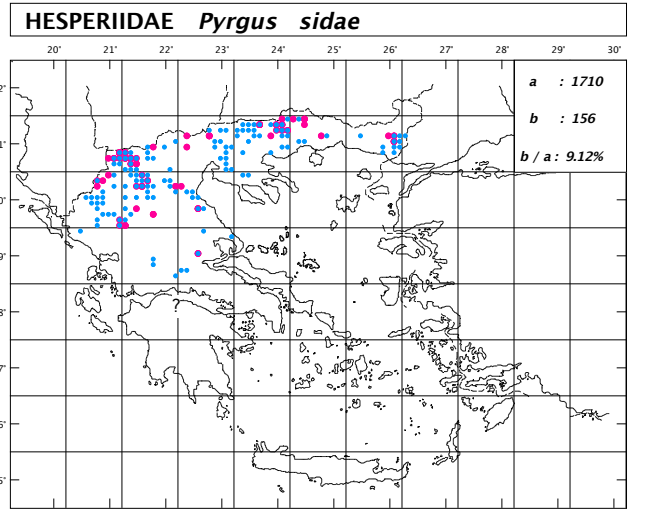
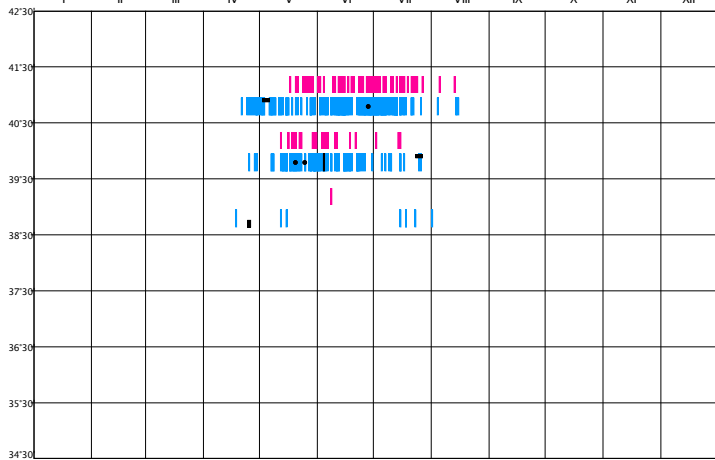
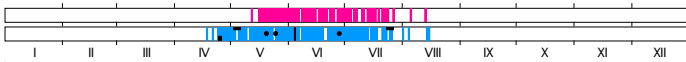
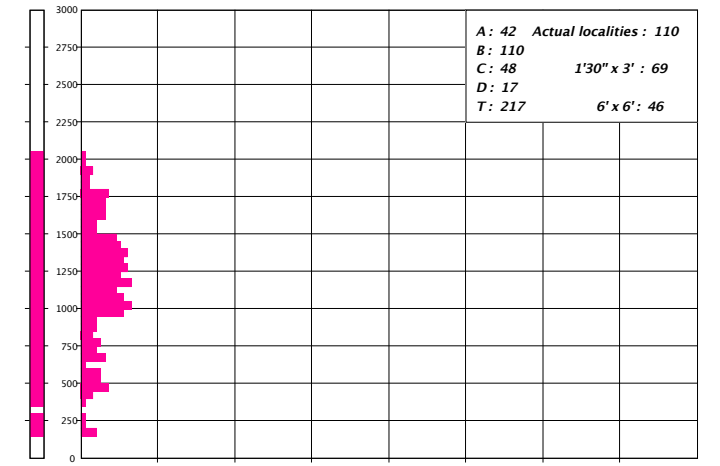
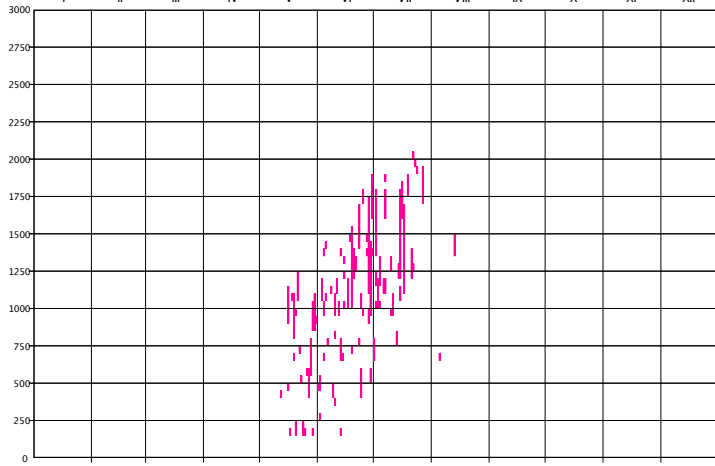
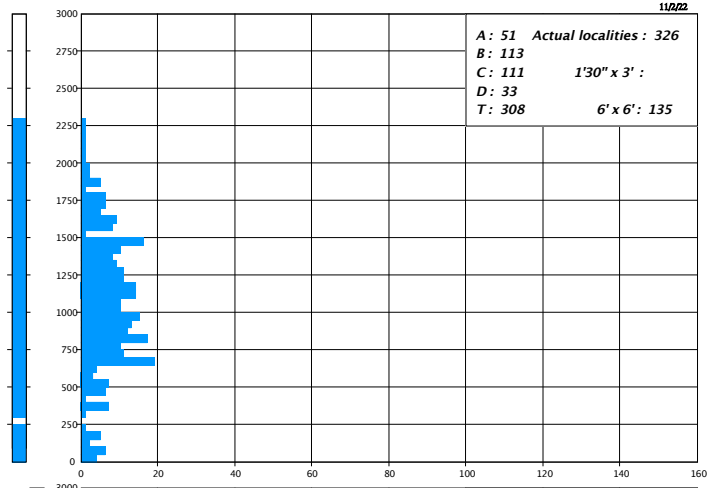
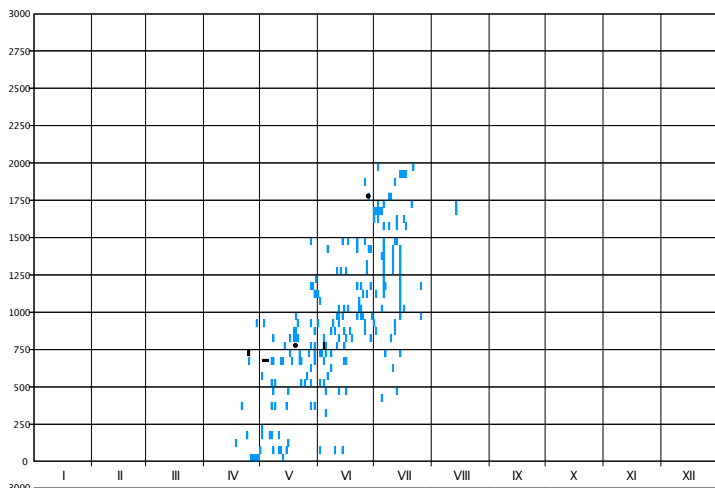
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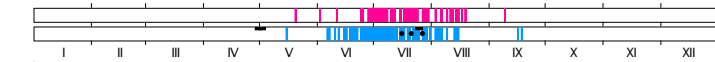
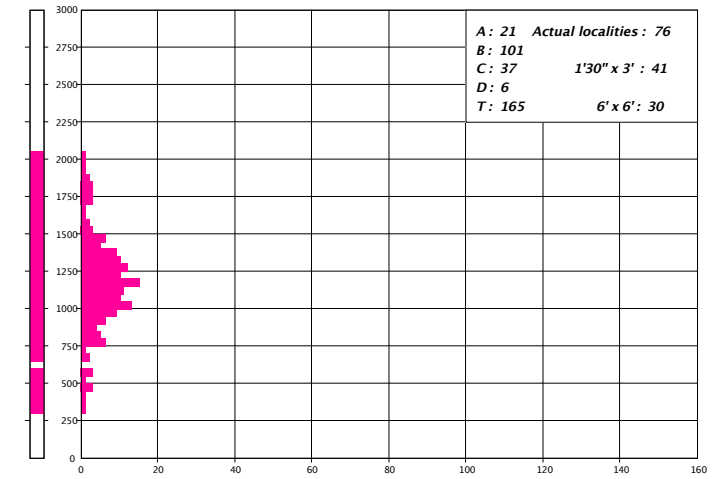
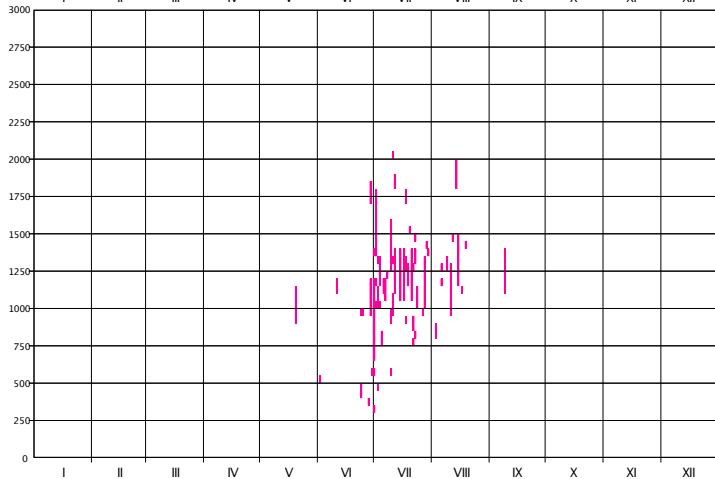
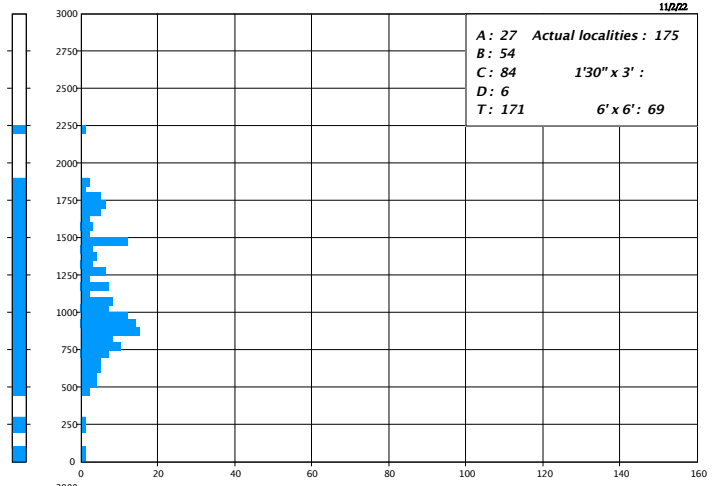
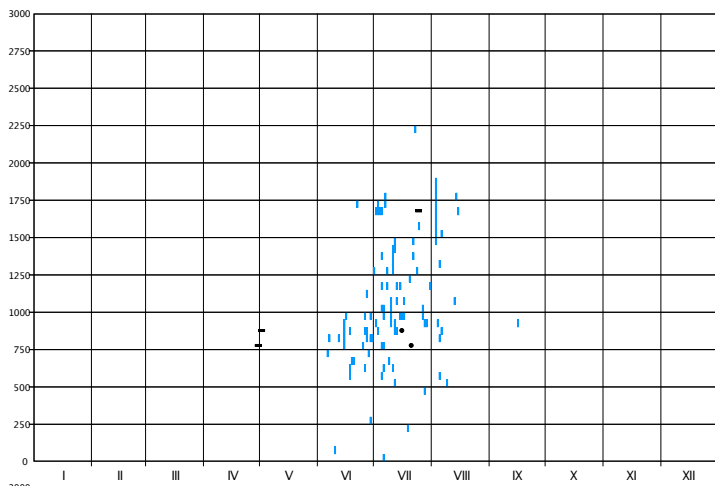
Αμφίβολη αναγνώριση / Identification Uncertain

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

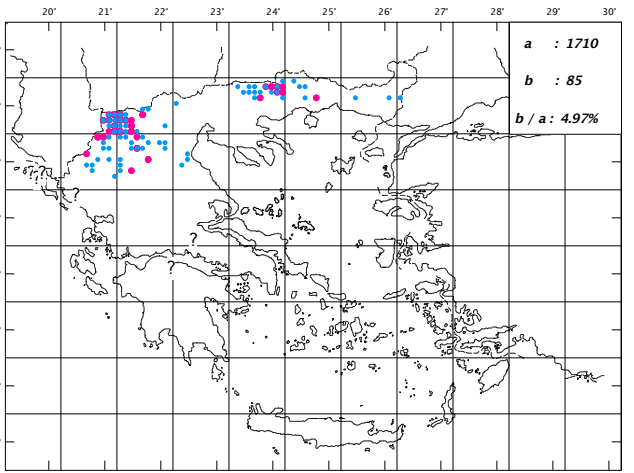
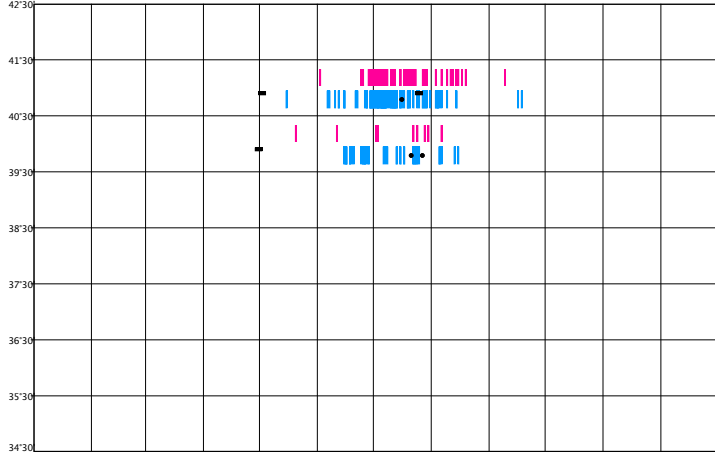




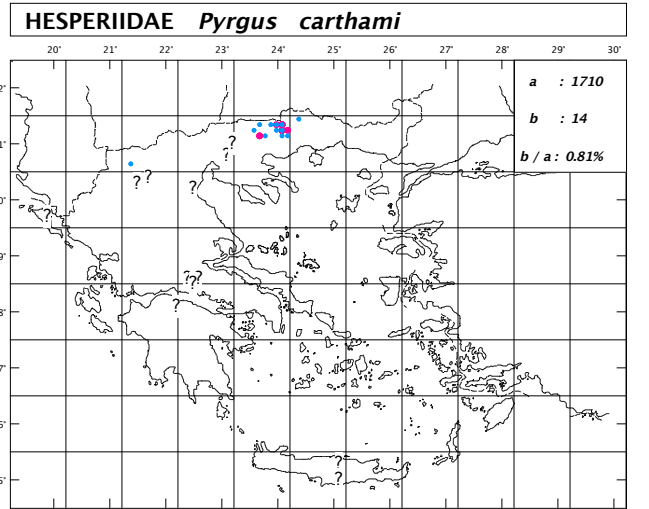
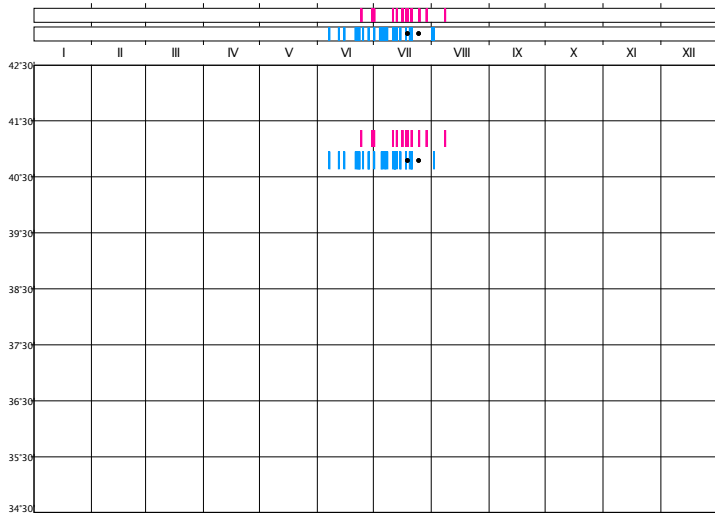
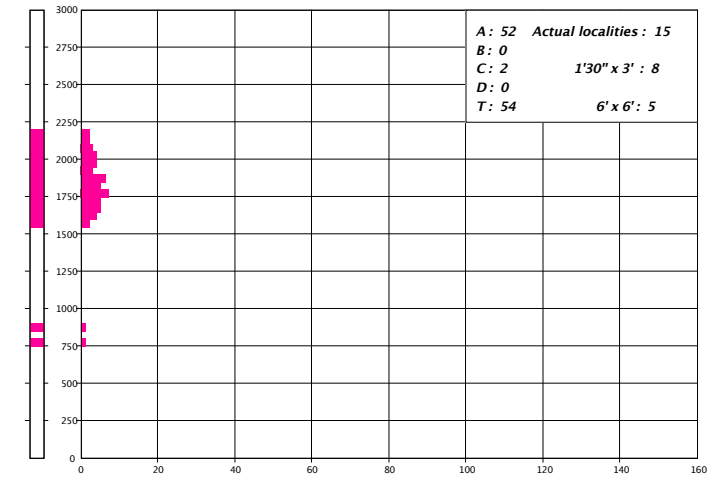
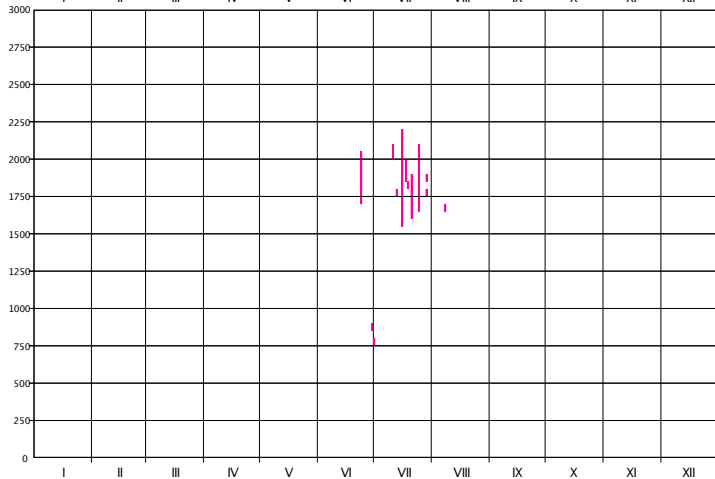
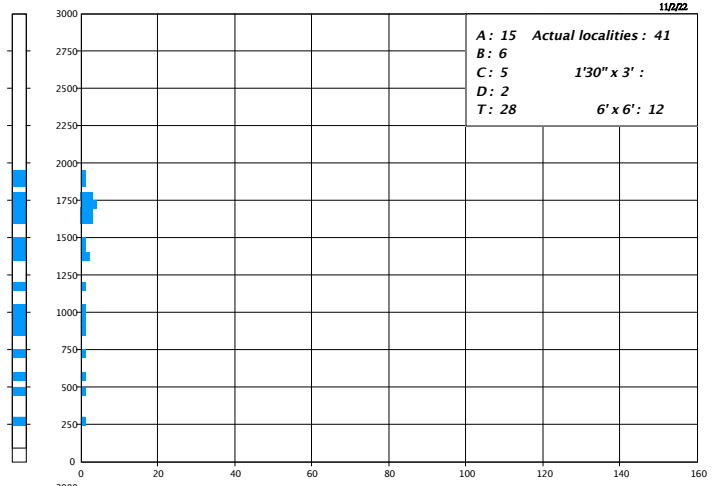
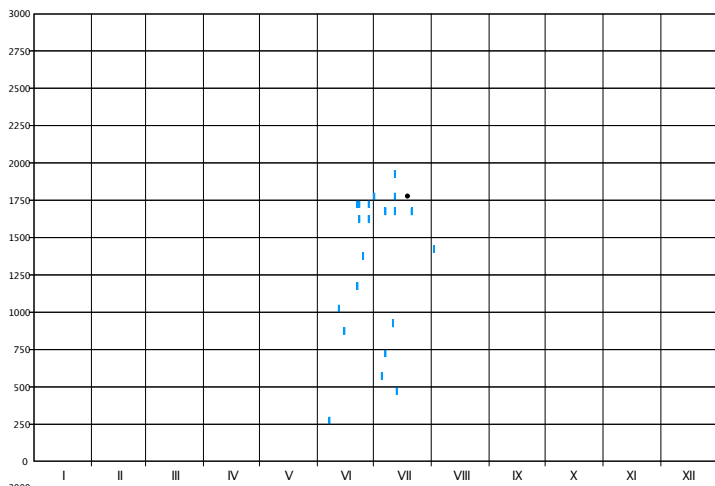
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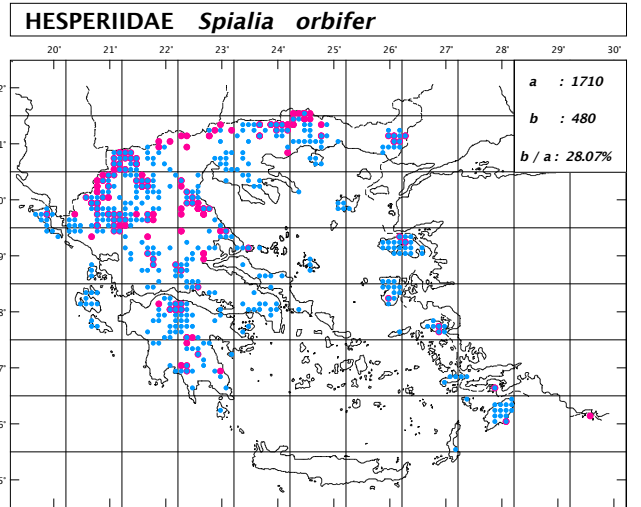
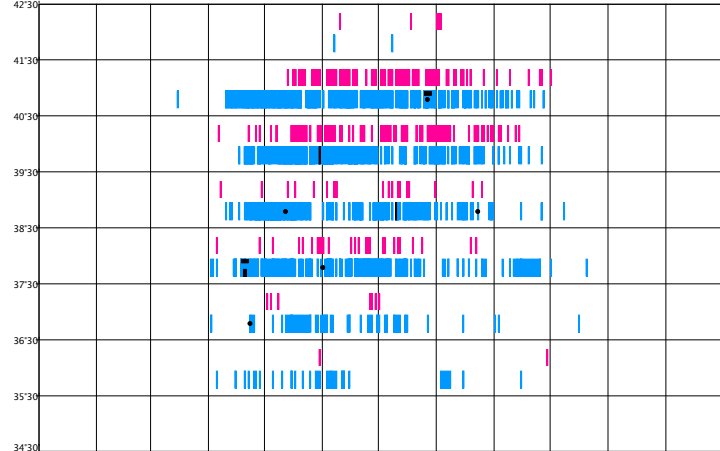
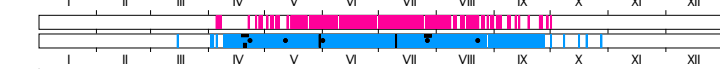
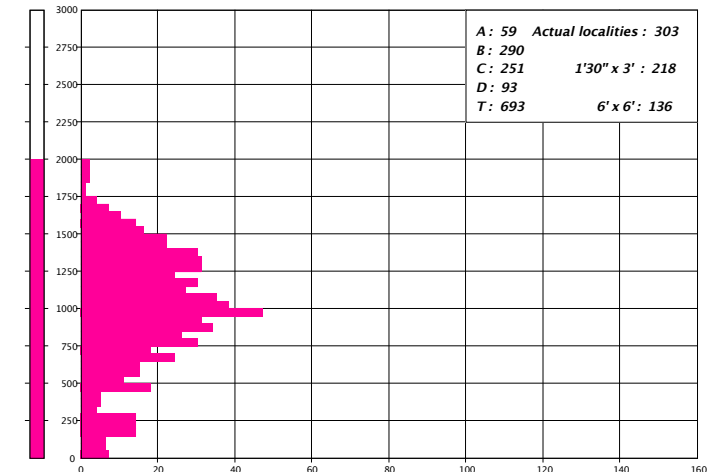
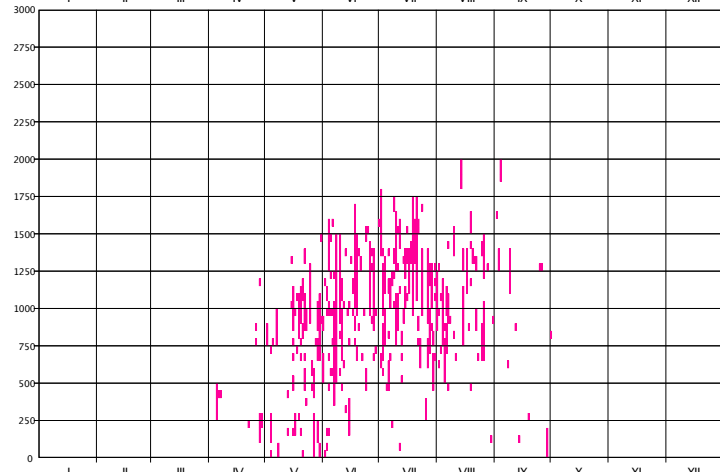
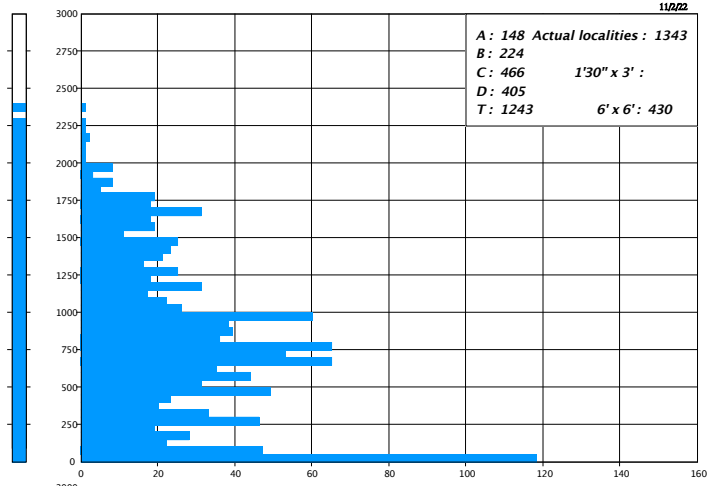
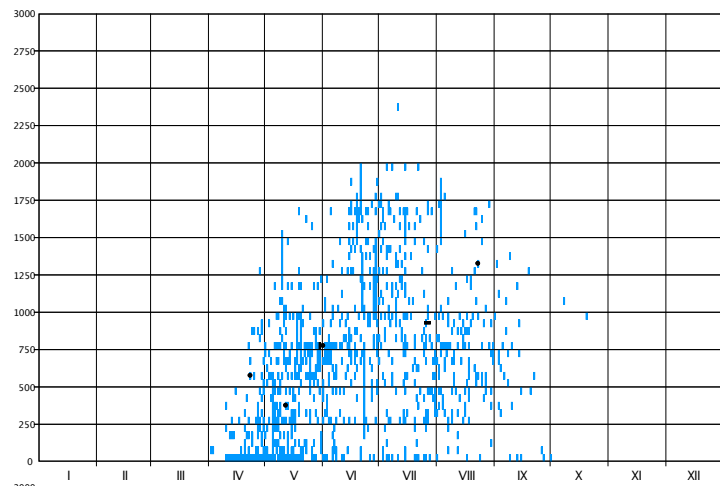
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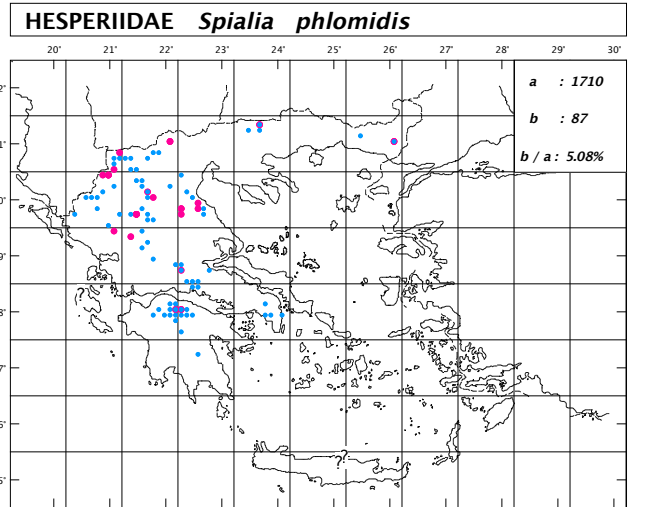
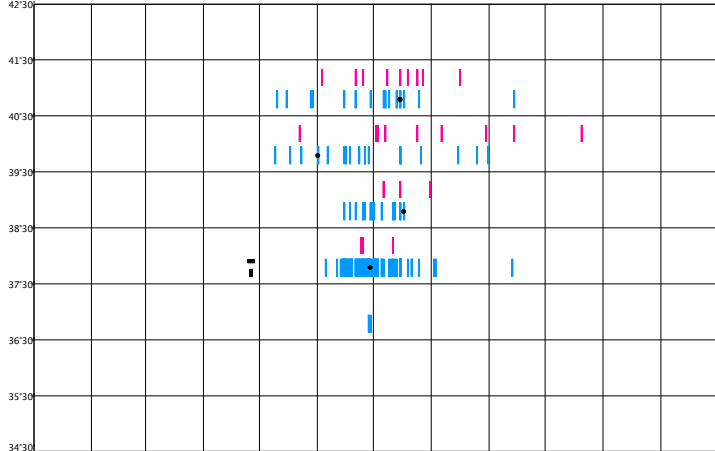
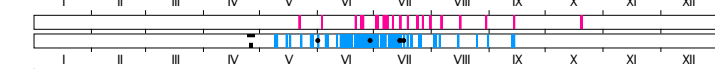
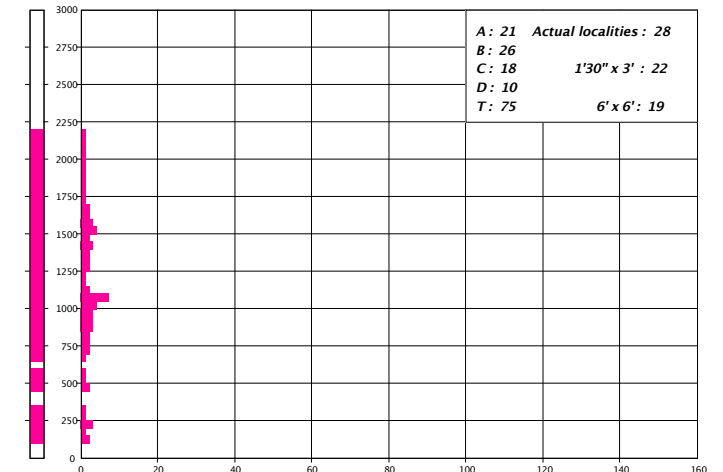
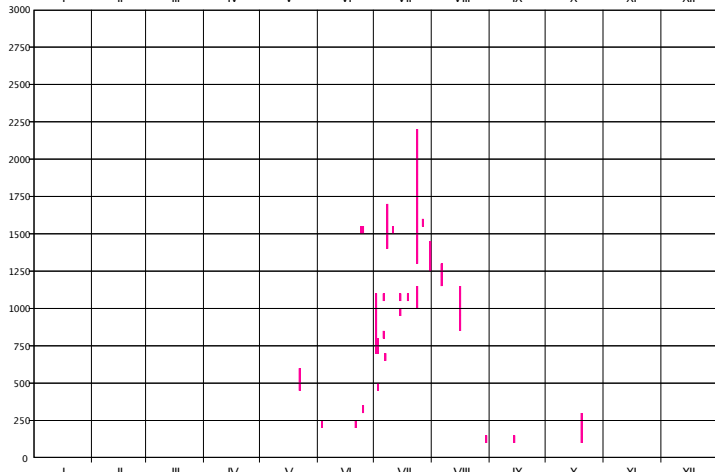
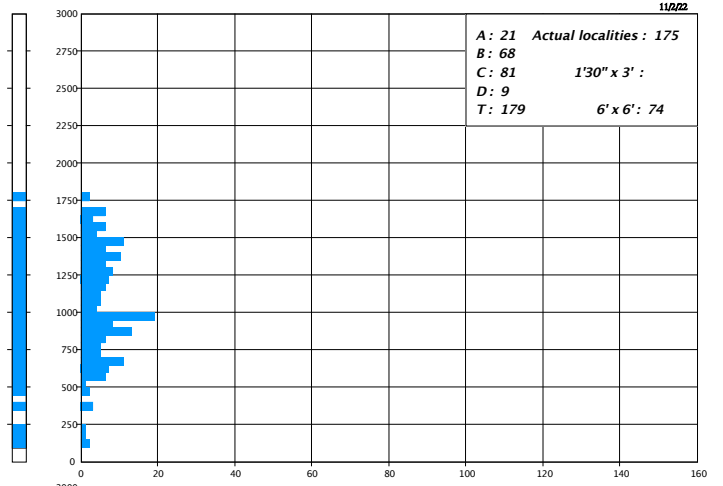
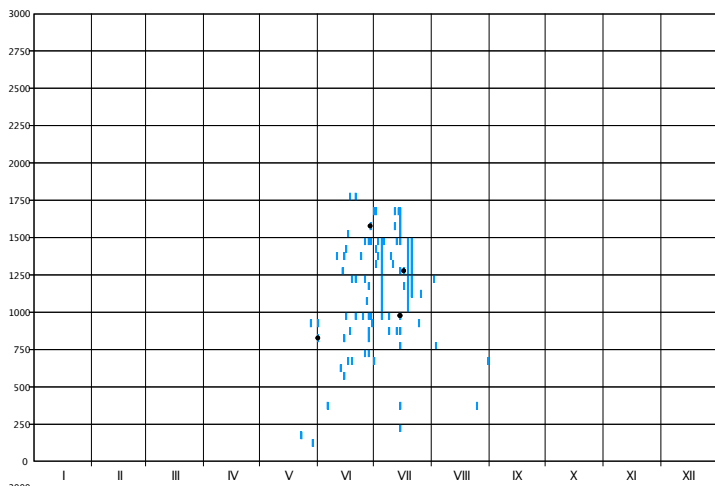


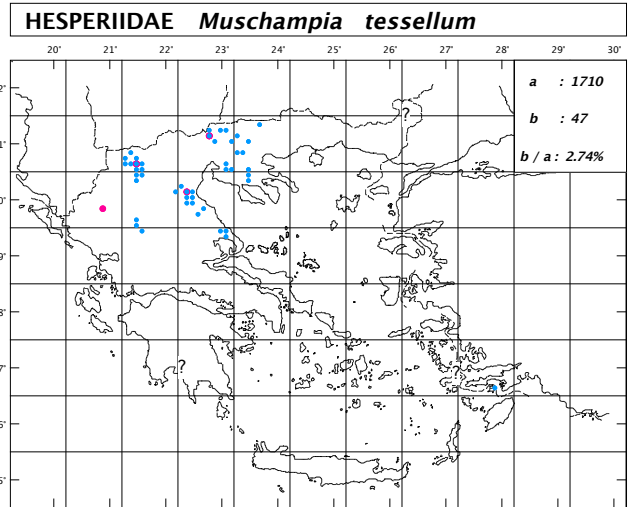
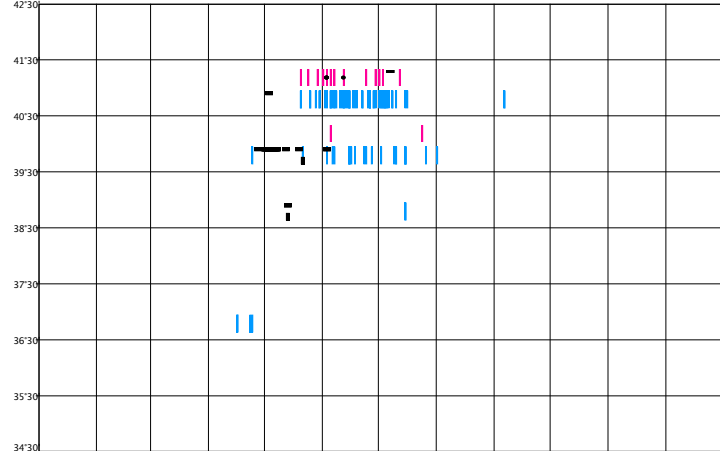
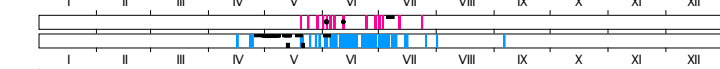
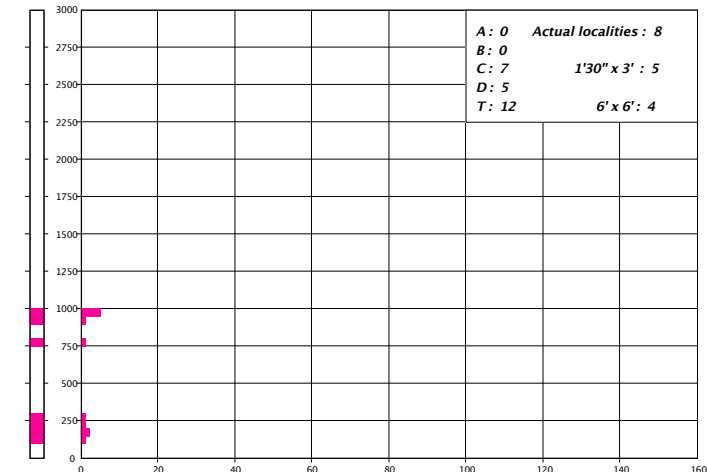
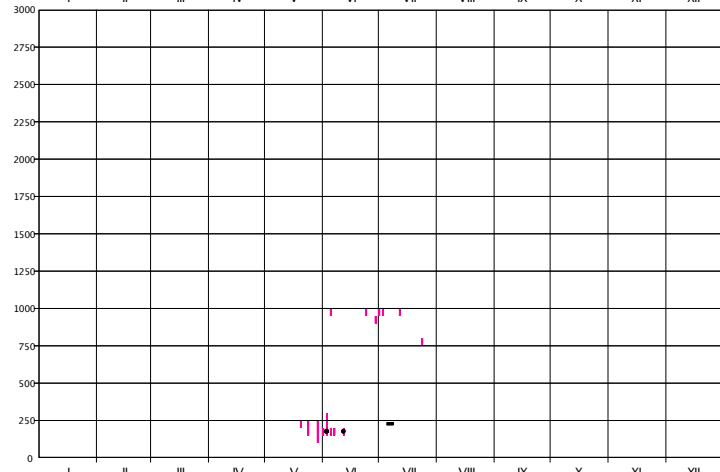
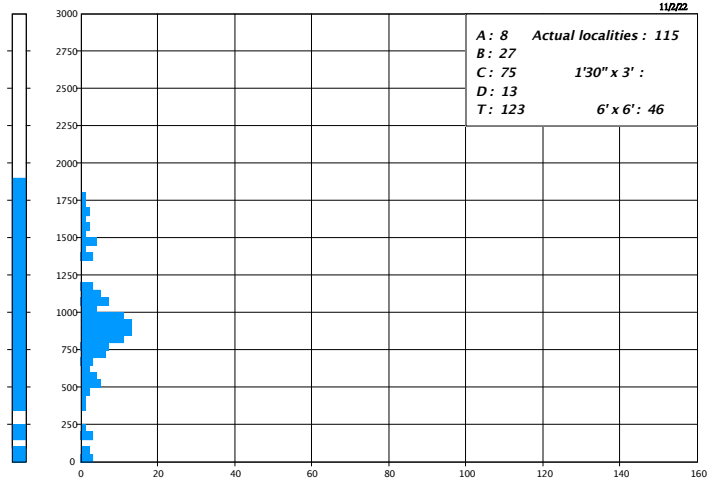
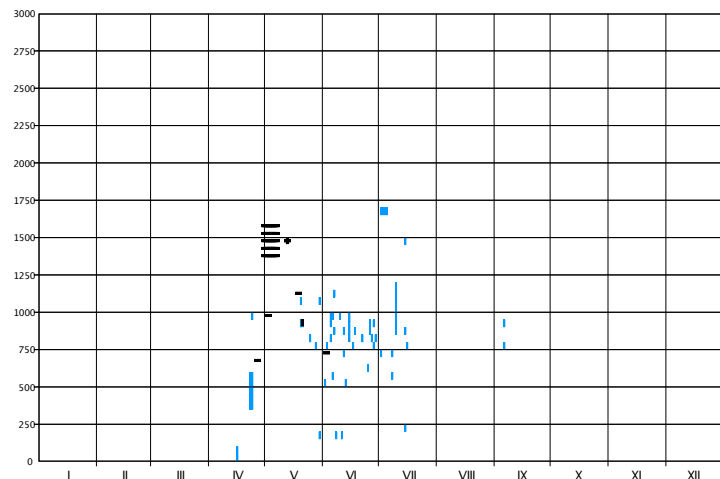
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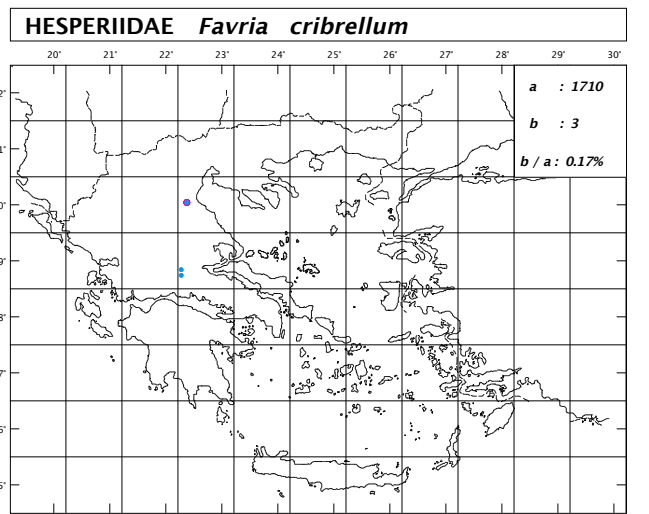
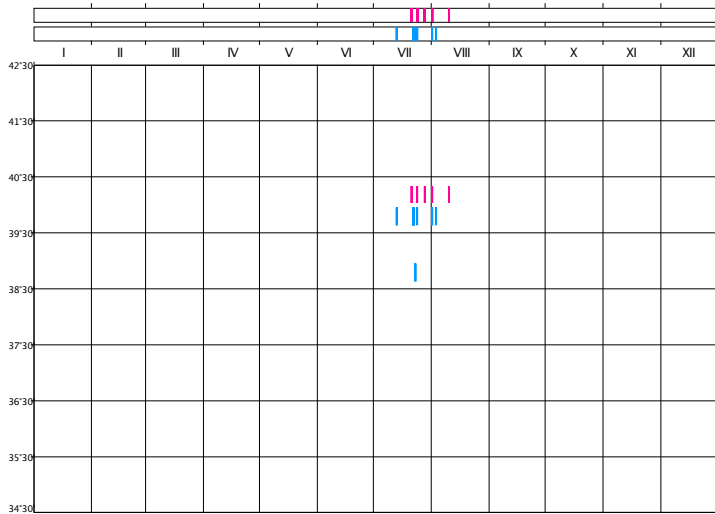
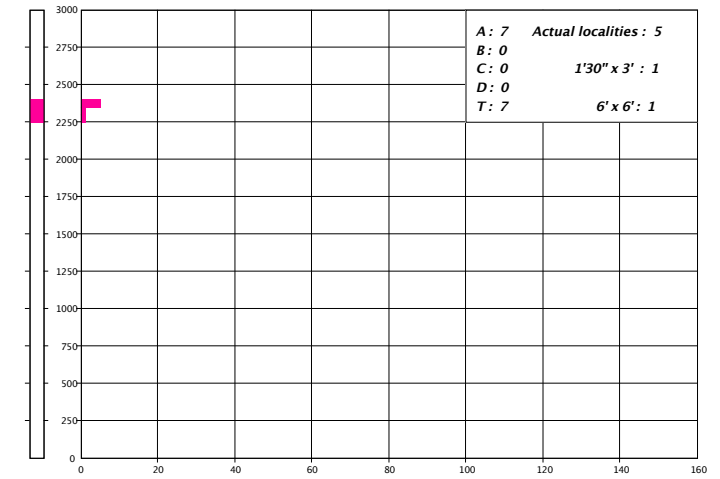
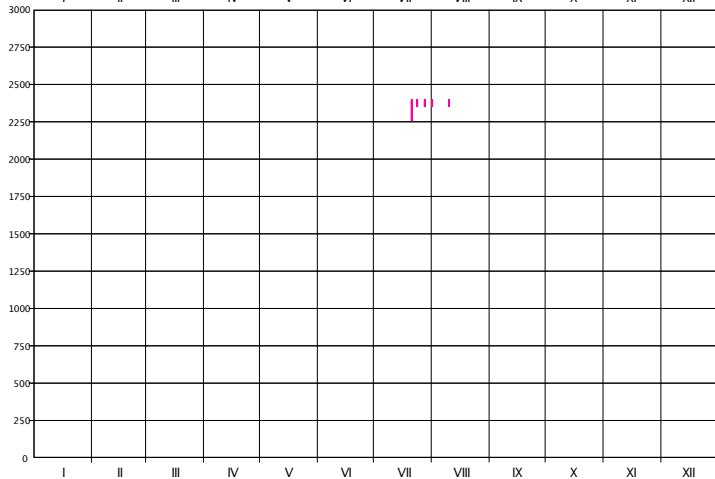
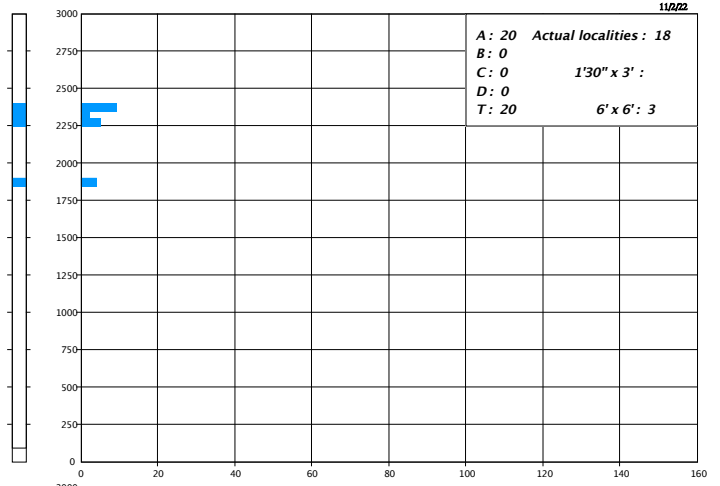
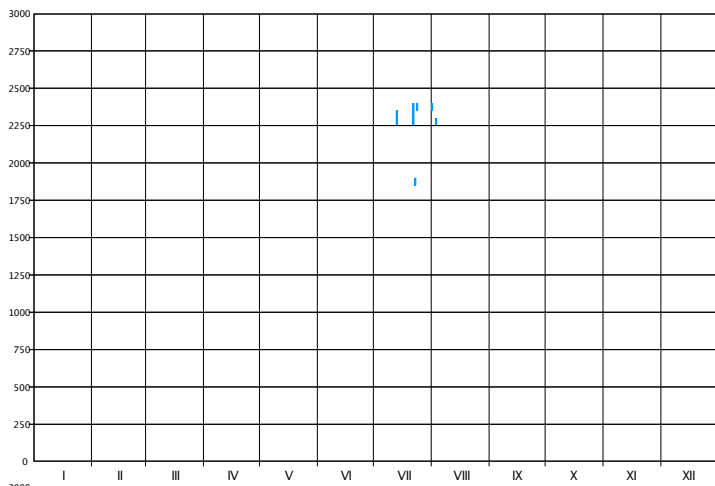
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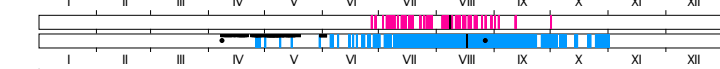
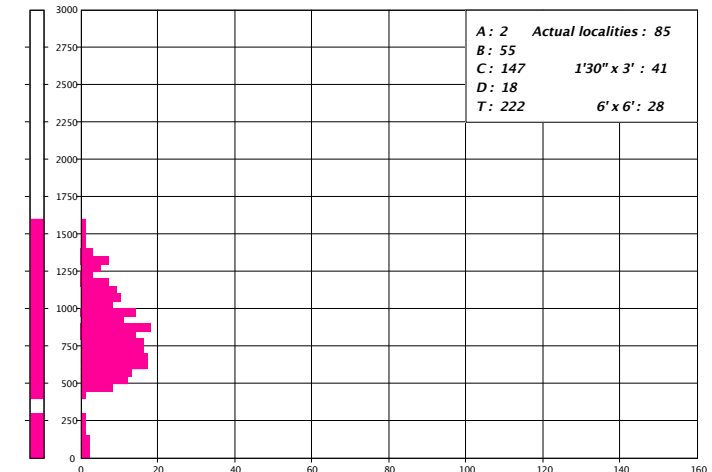
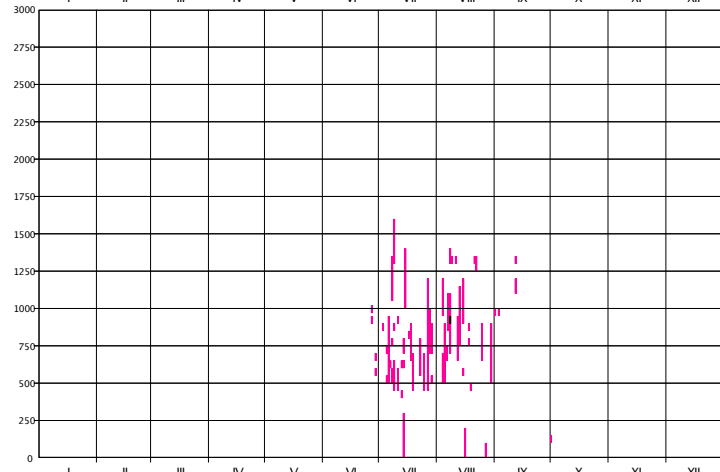
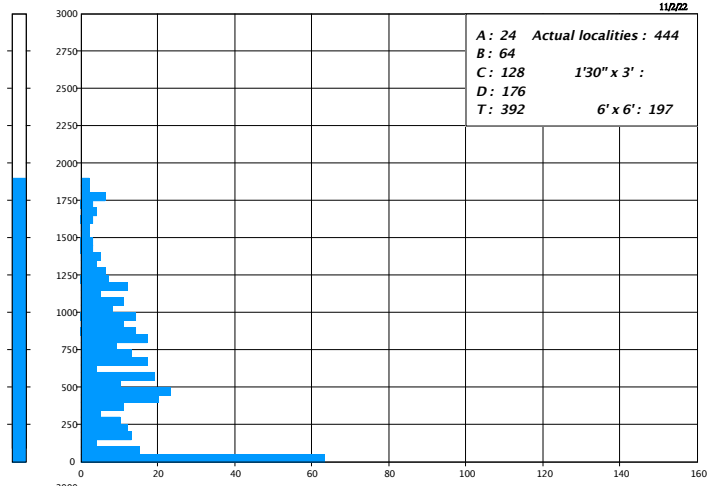
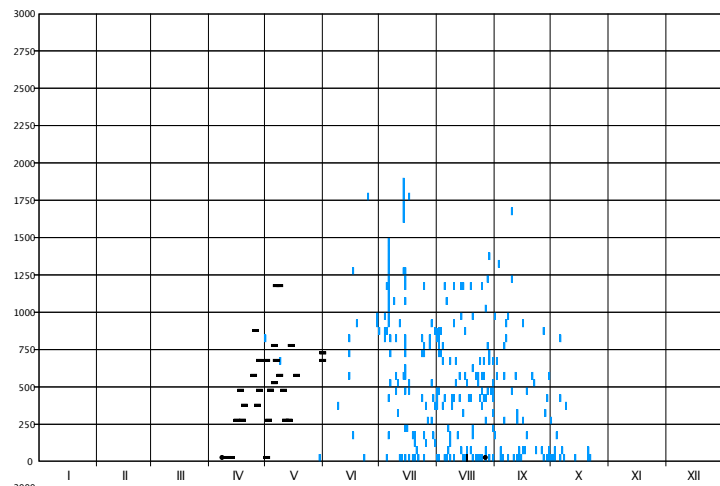




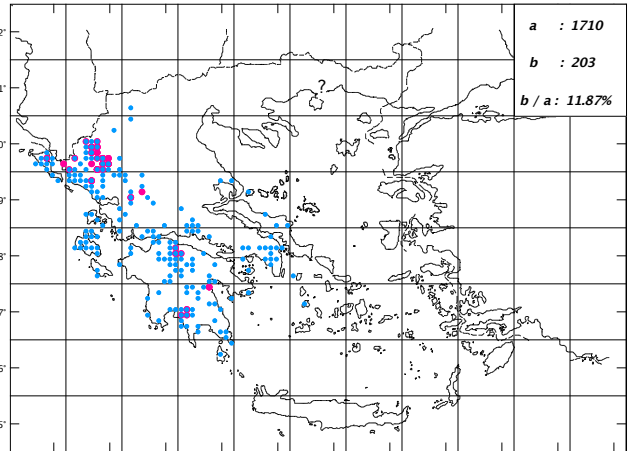
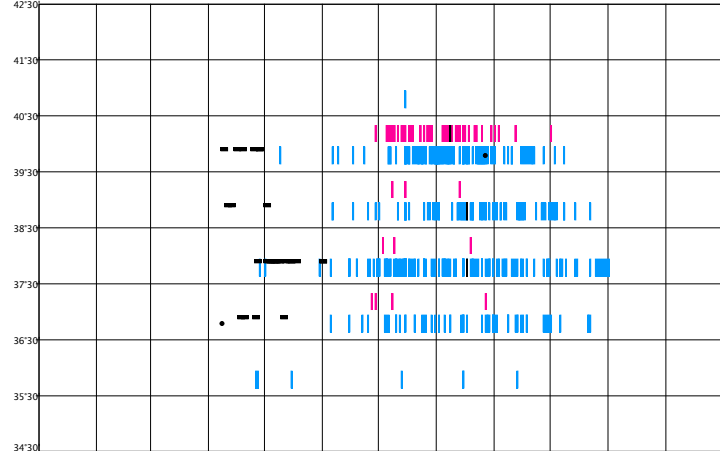
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<https://www.pamperis.gr/PHOTOGRAPHS/Muschampia.html>

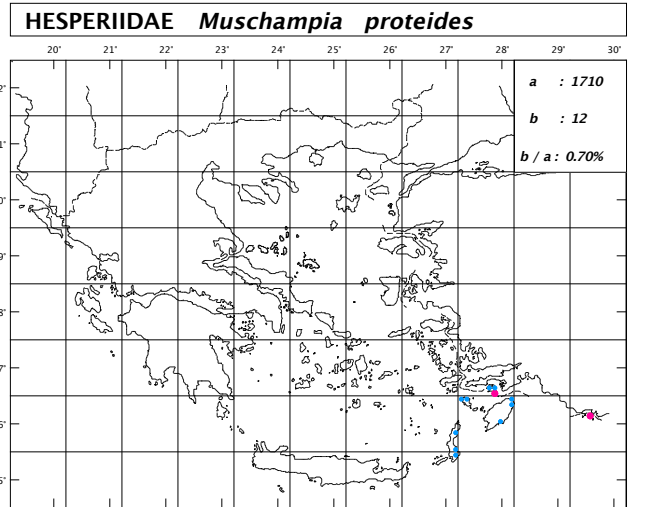
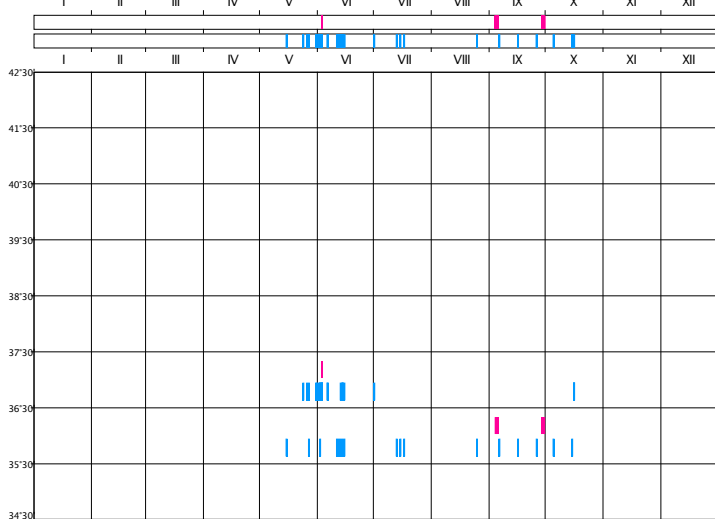
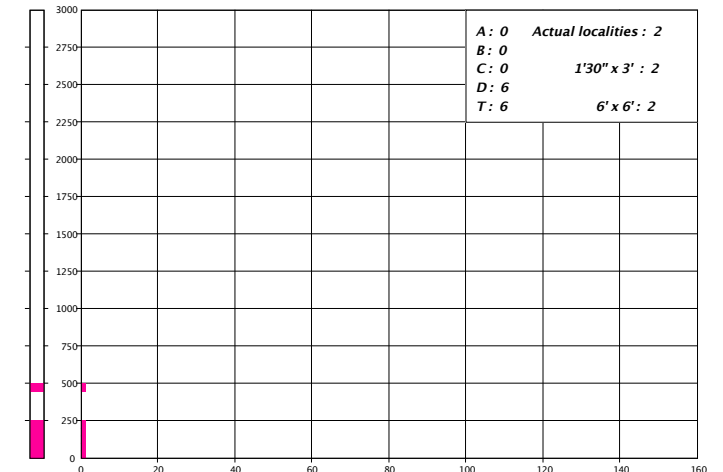
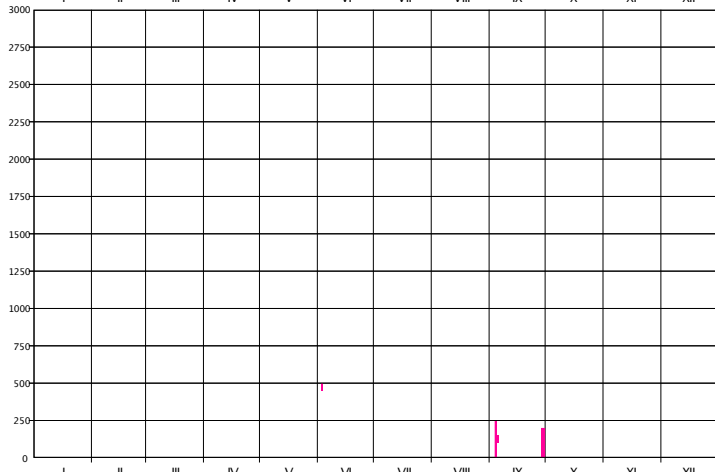
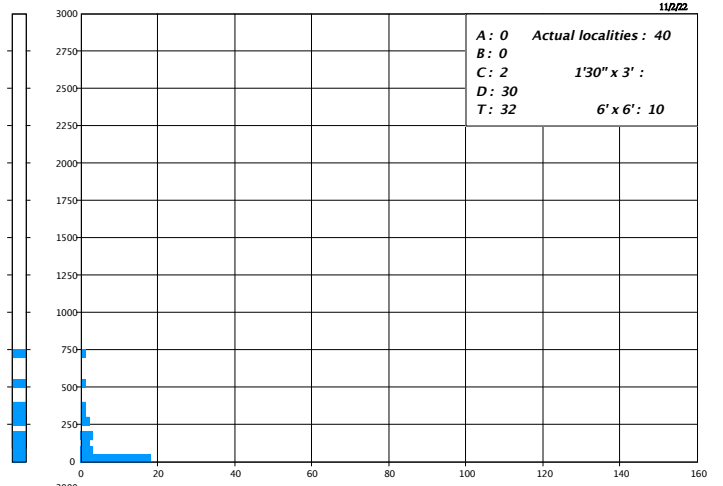
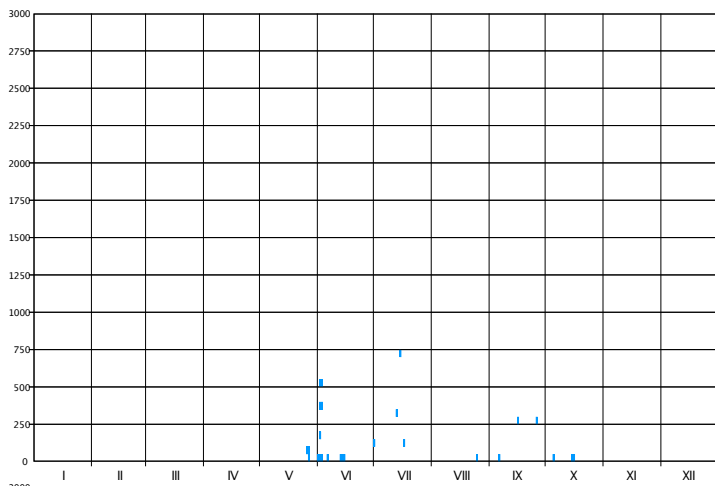


**HESPERIIDAE *Muschampia alta***

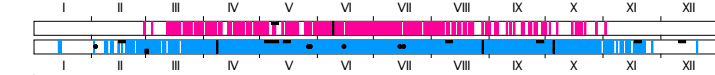
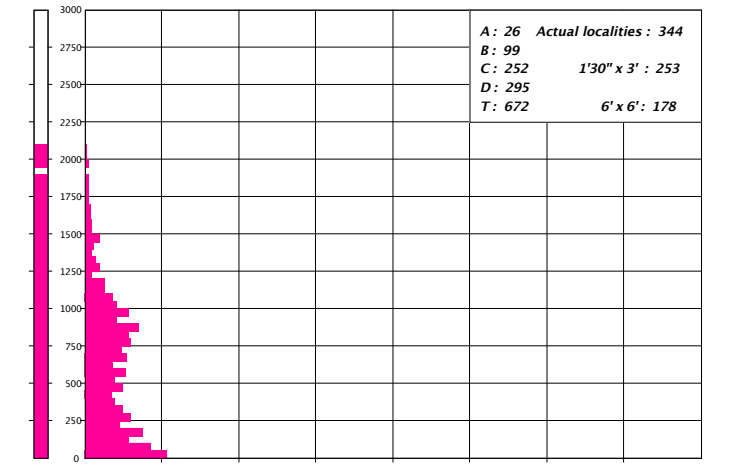
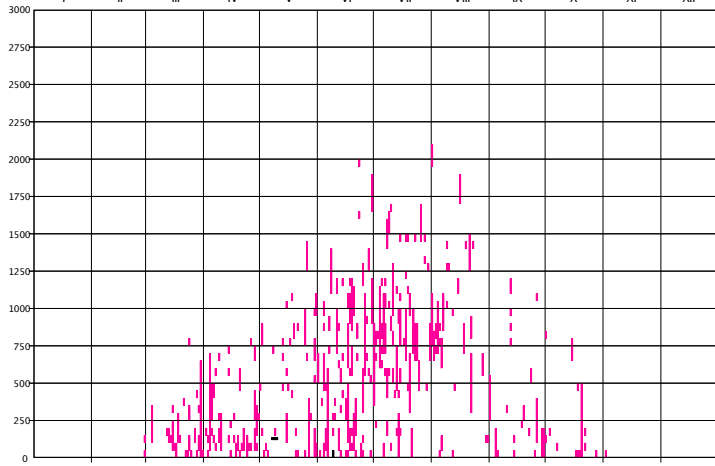
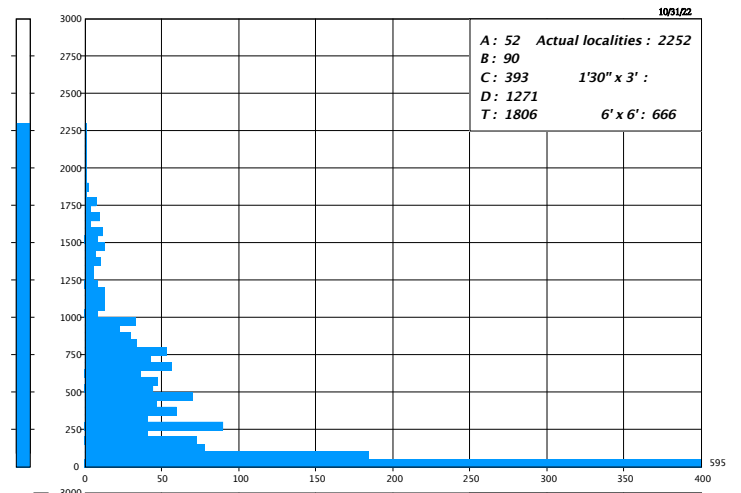
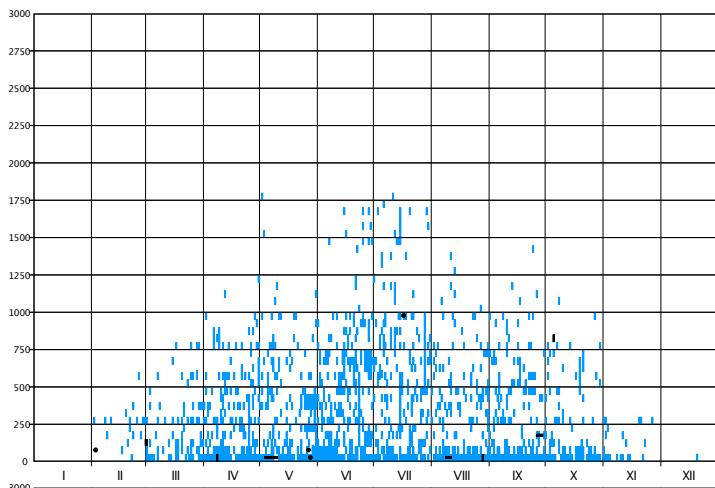


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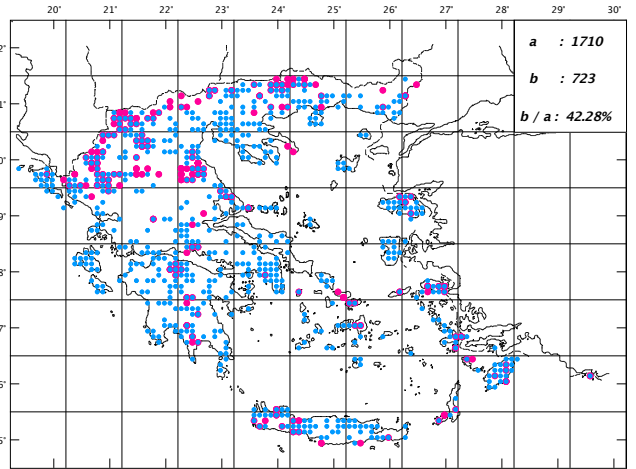
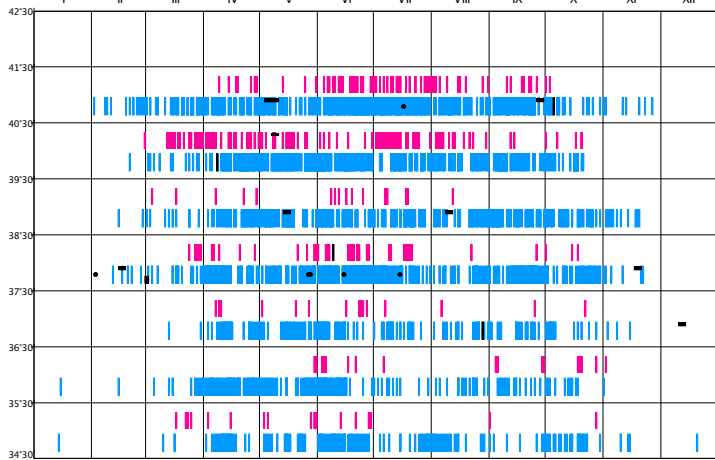




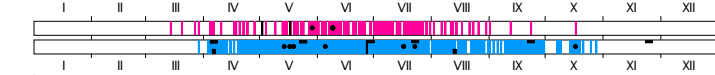
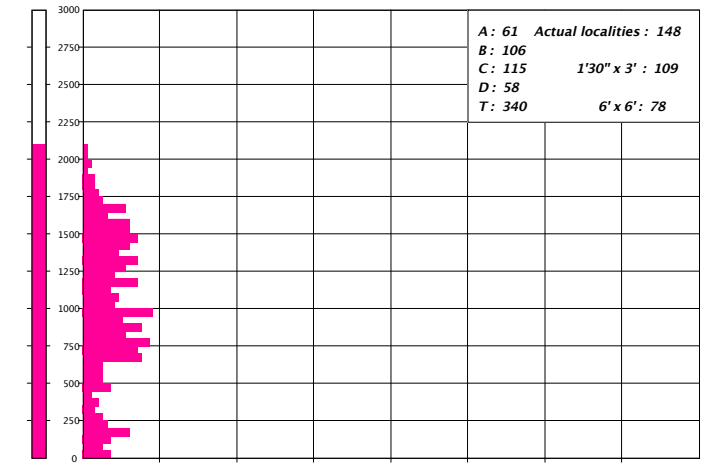
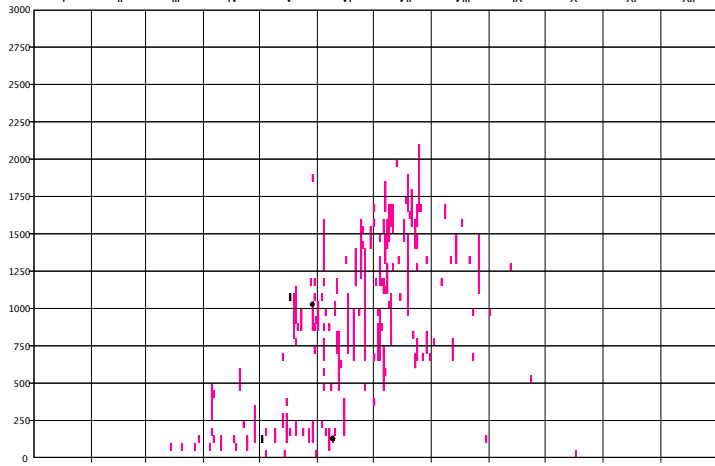
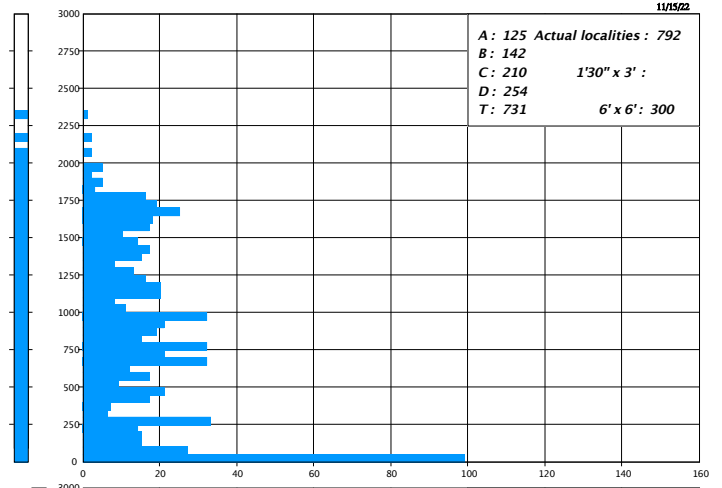
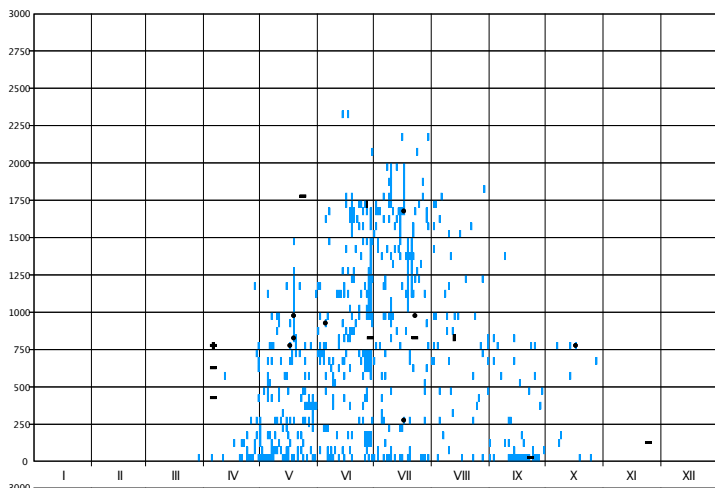
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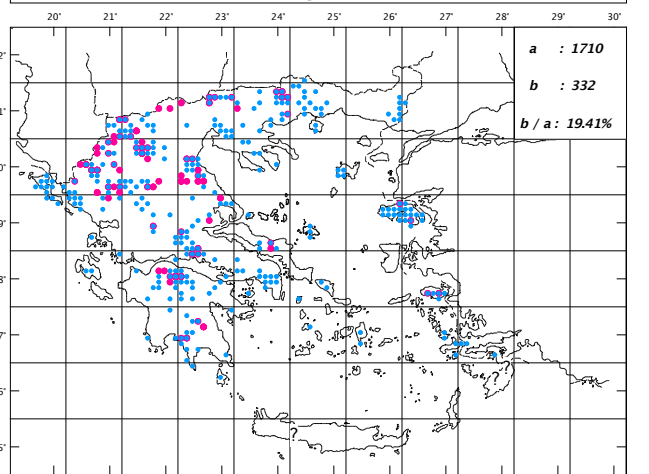
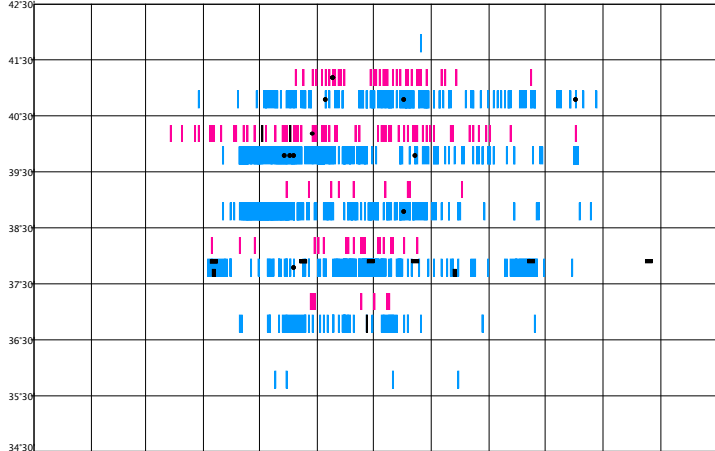
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<https://www.pamperis.gr/PHOTOGRAPHS/Carcharodus.html>

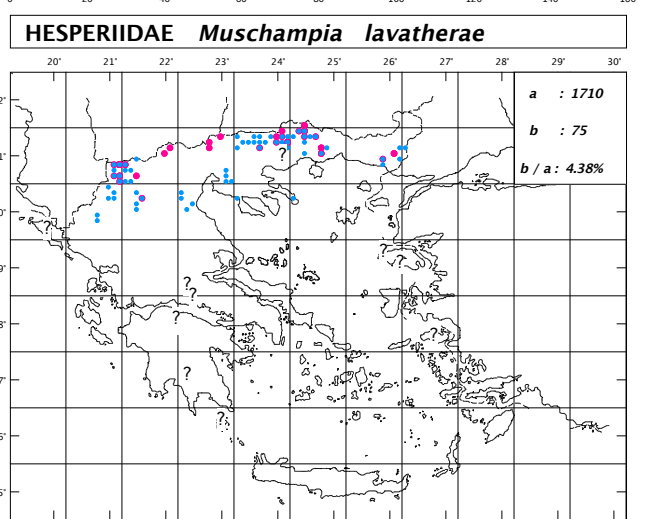
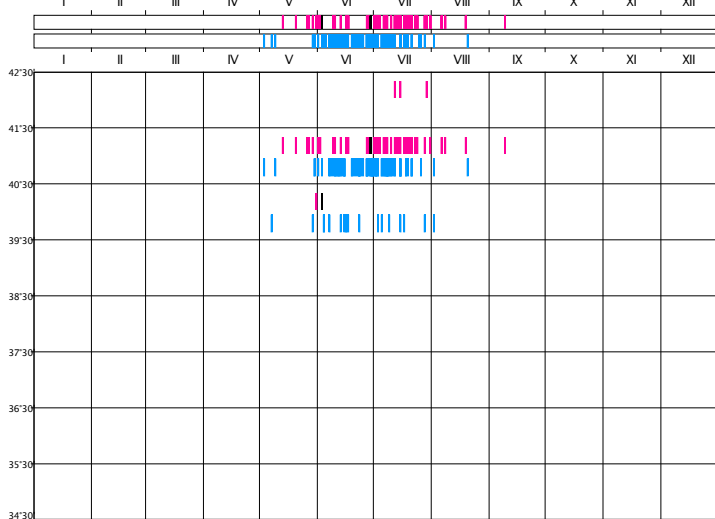
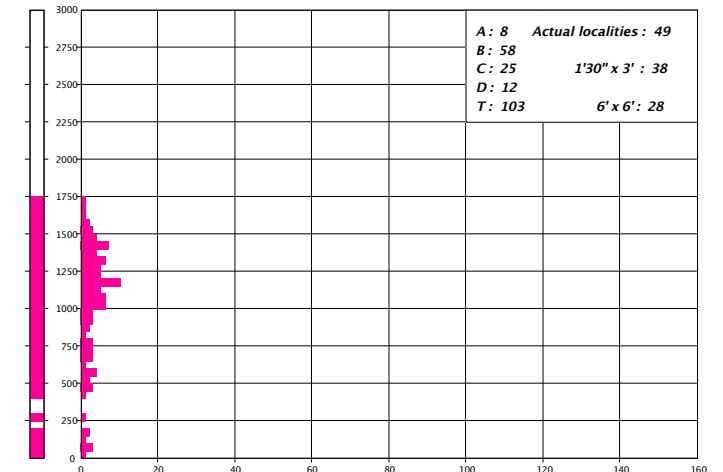
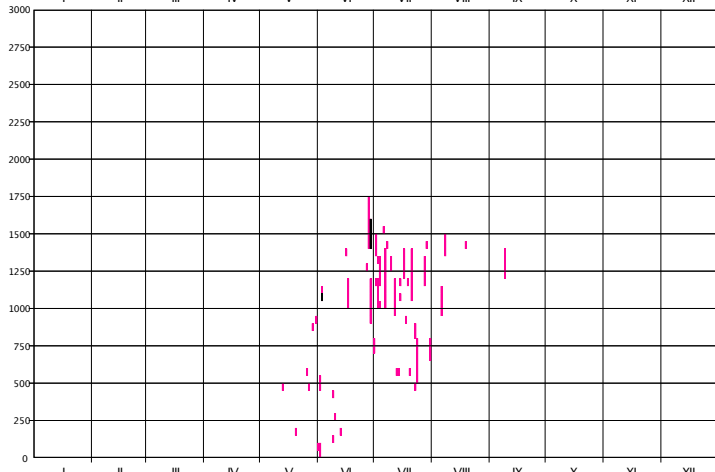
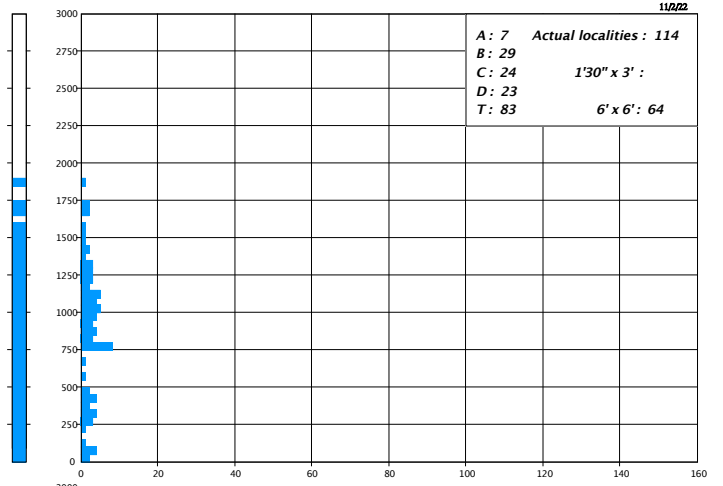
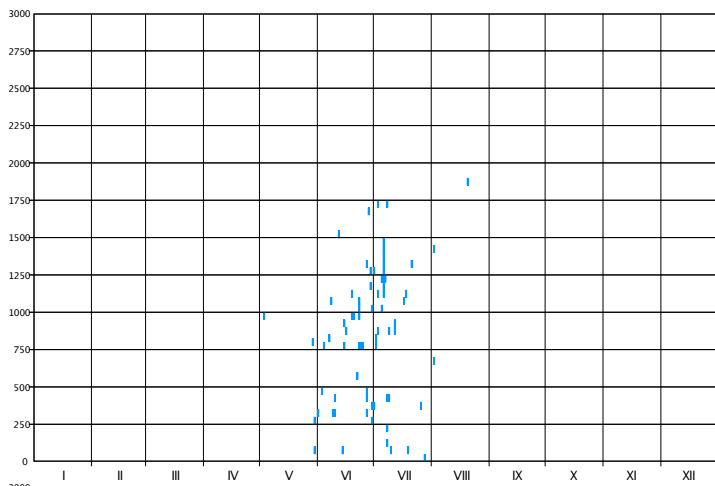


**HESPERIIDAE *Muschampia orientalis***

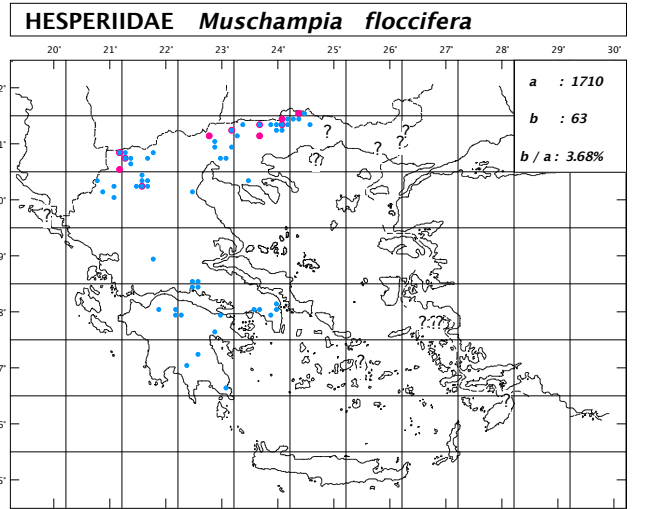
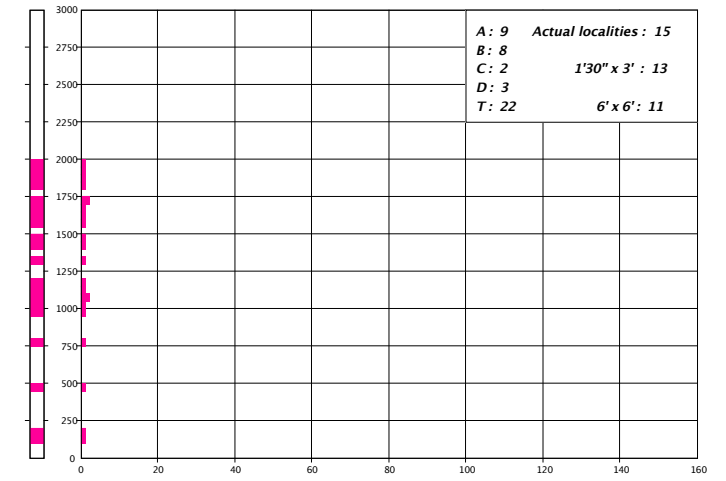
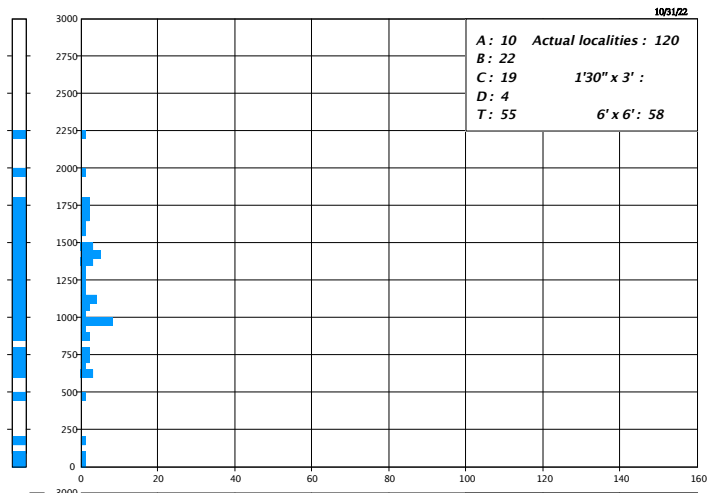
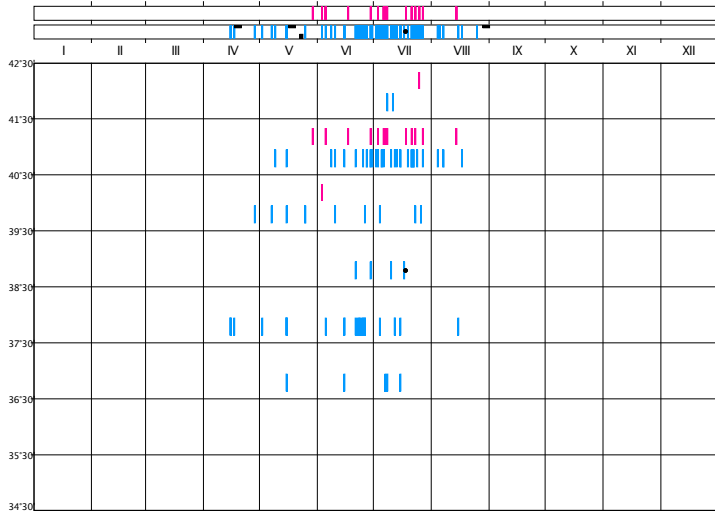
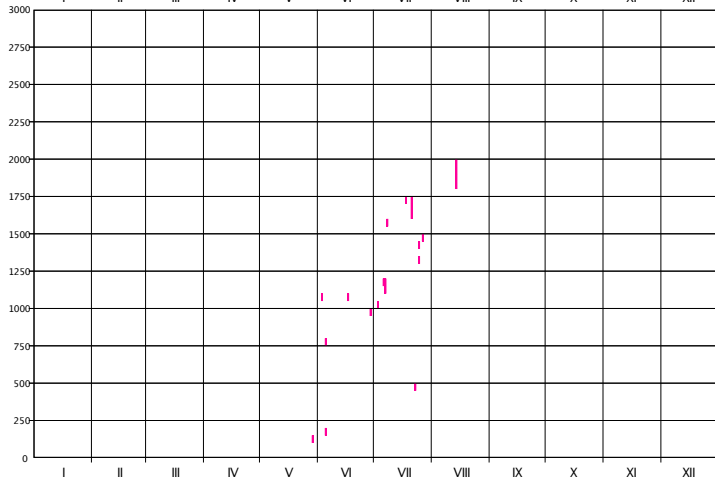
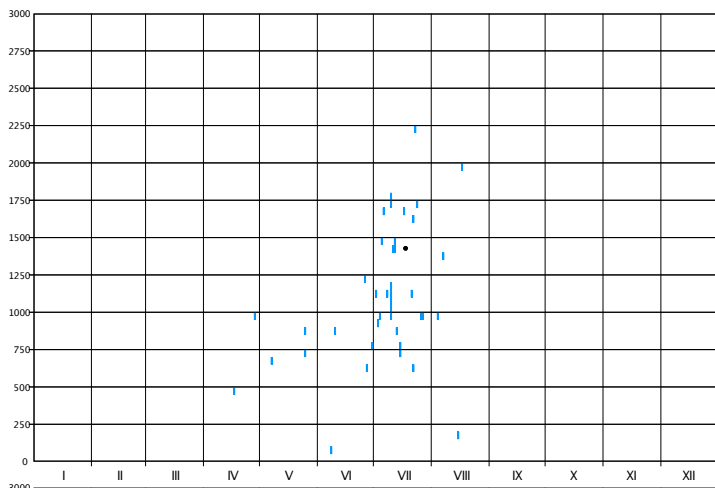


Αμφίβολη αναγνώριση / Identification Uncertain

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

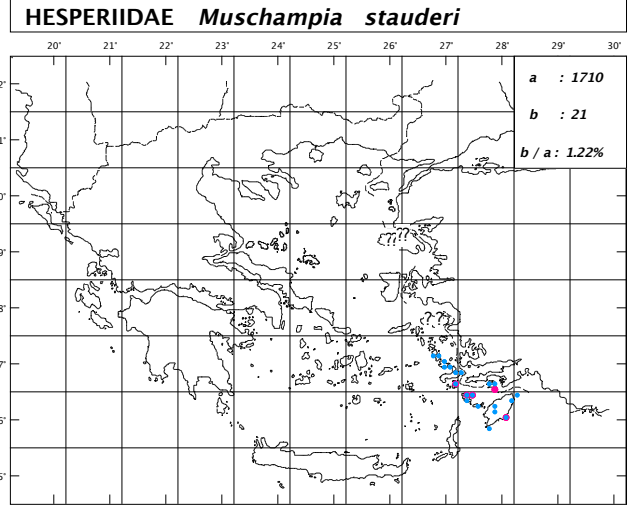
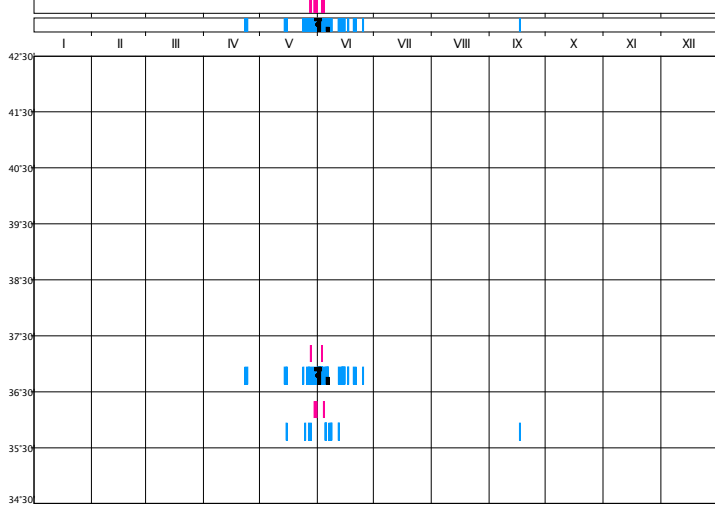
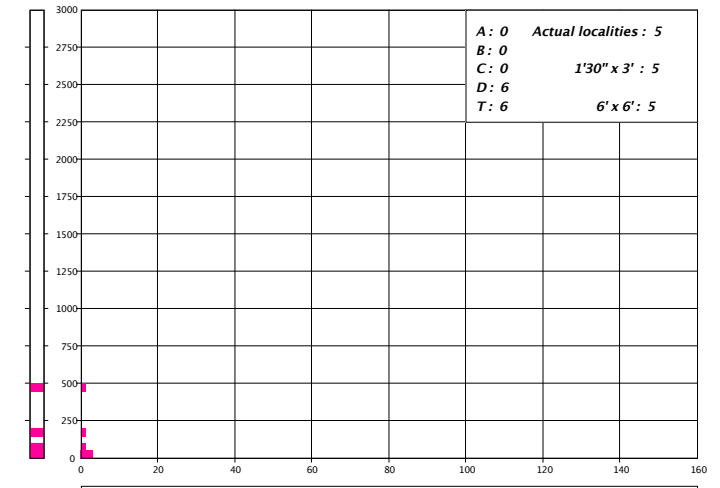
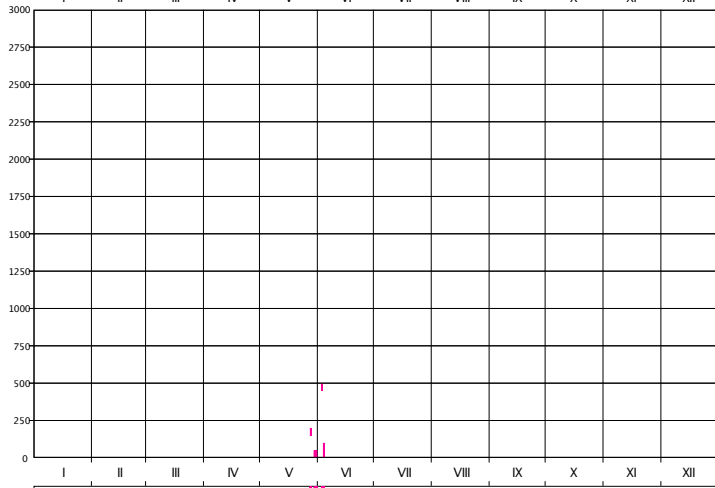
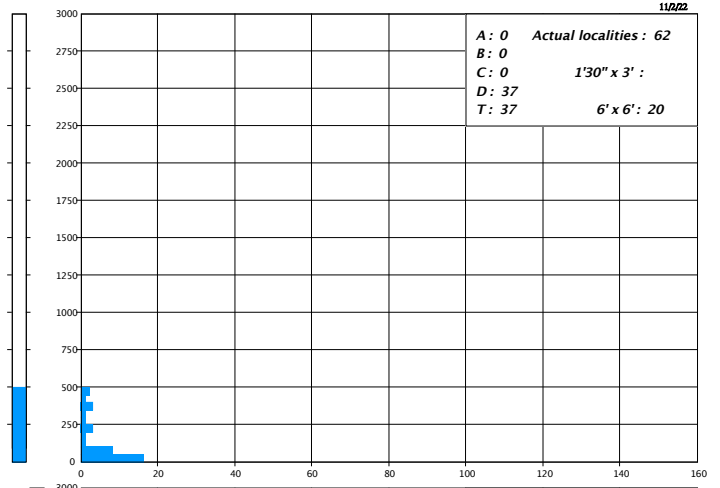
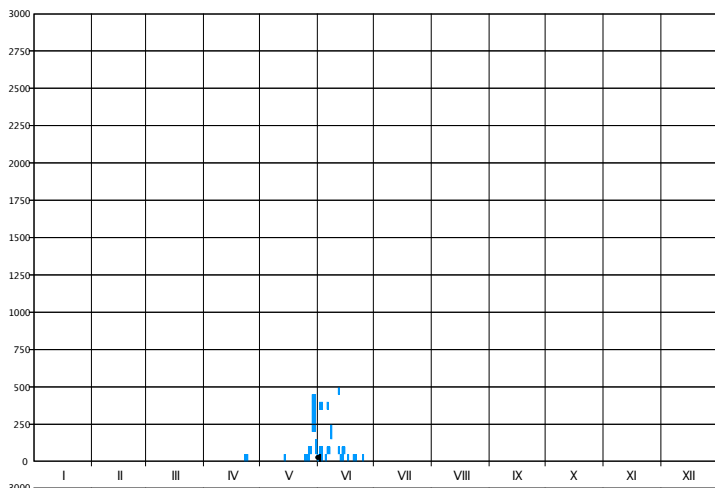


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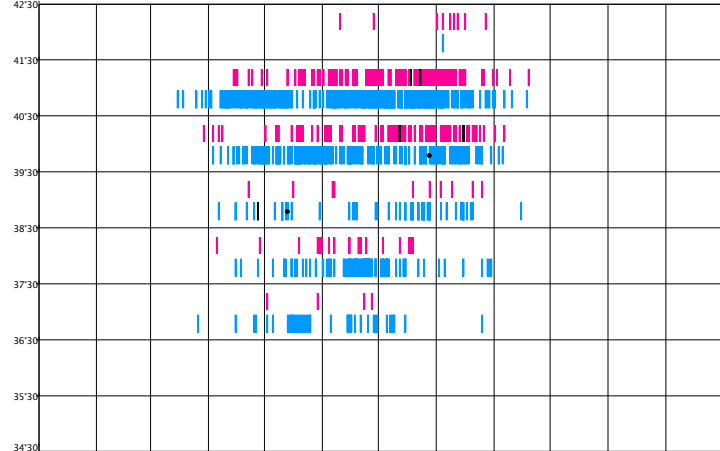
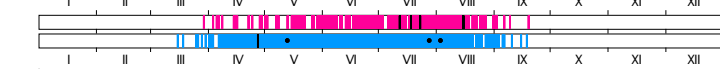
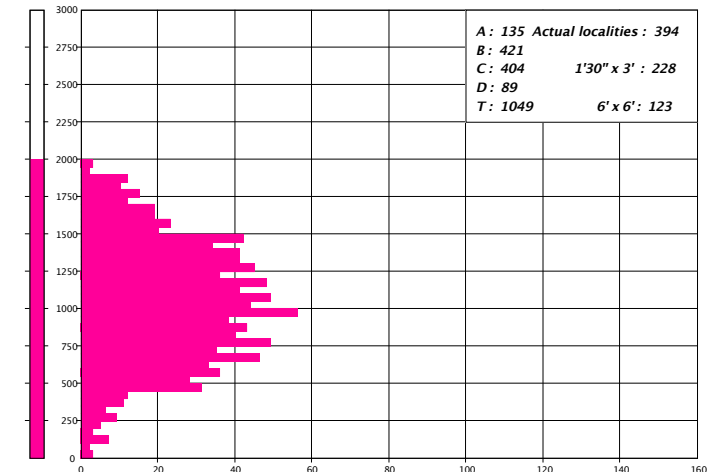
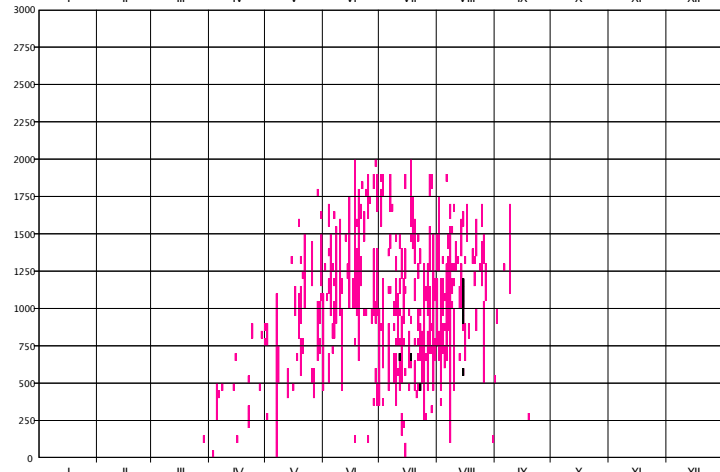
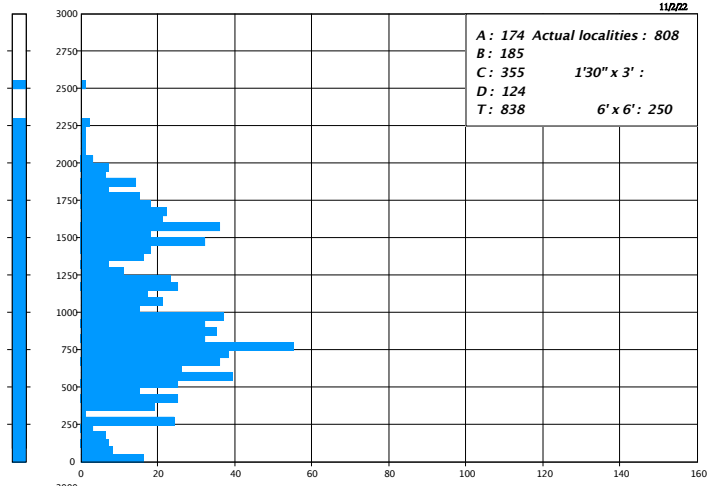
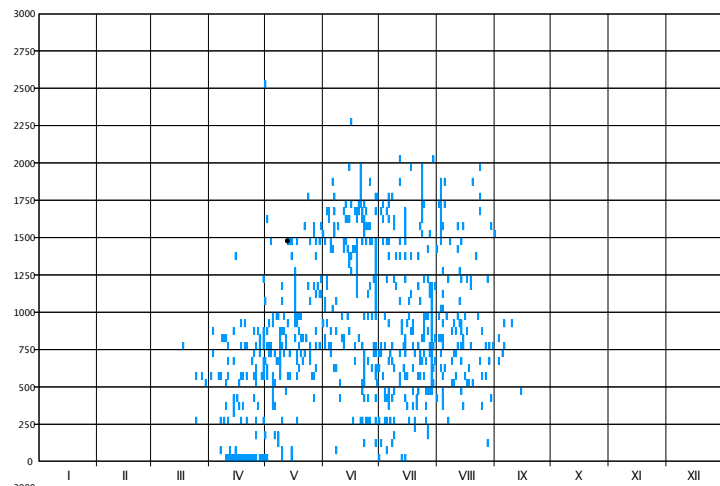
Αμφίβολη αναγνώριση / Identification Uncertain

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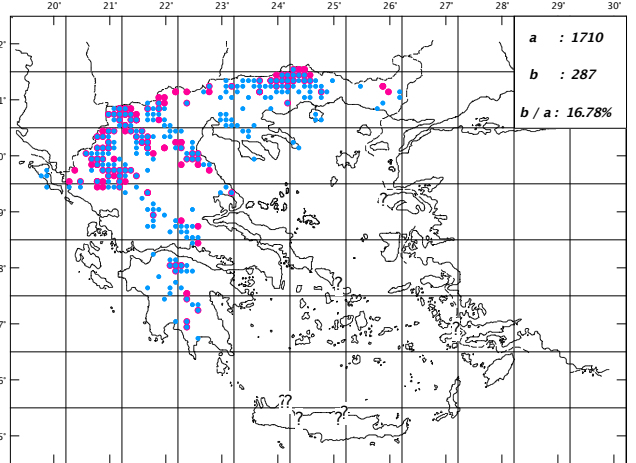


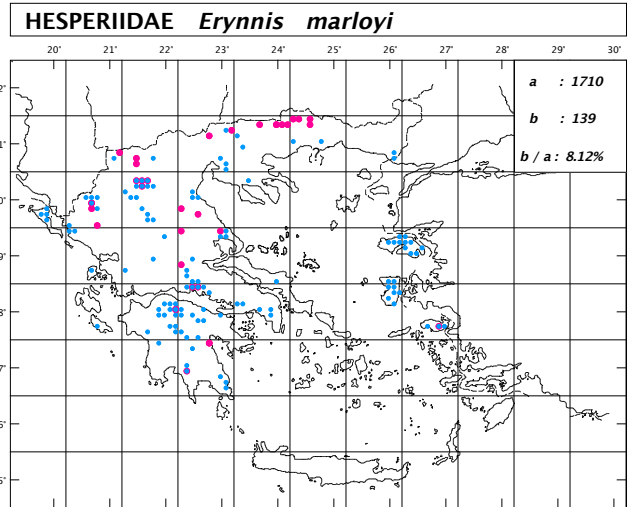
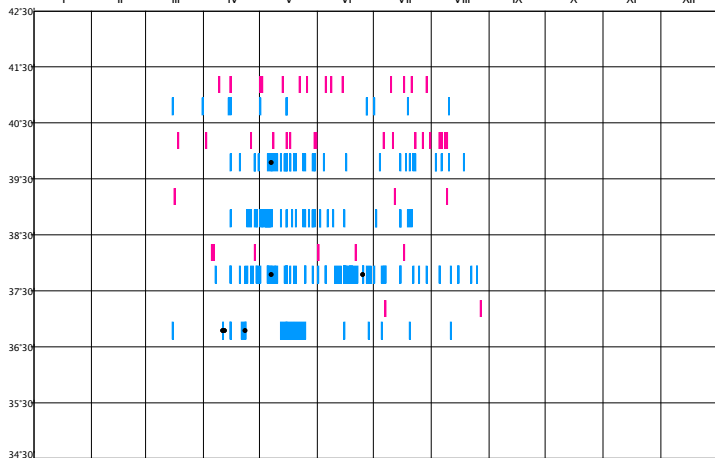
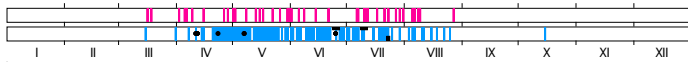
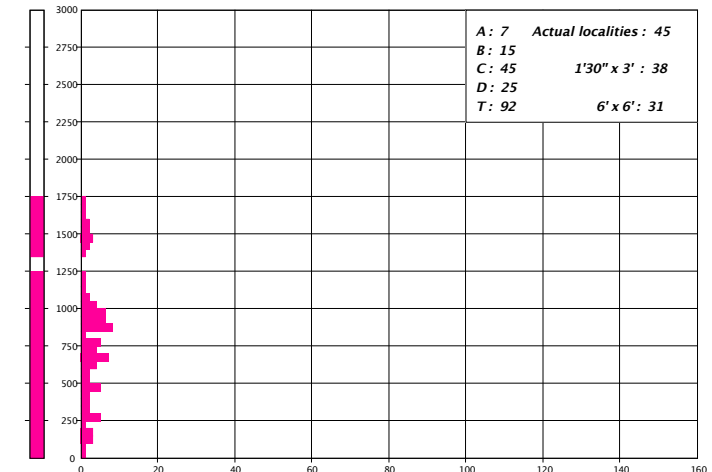
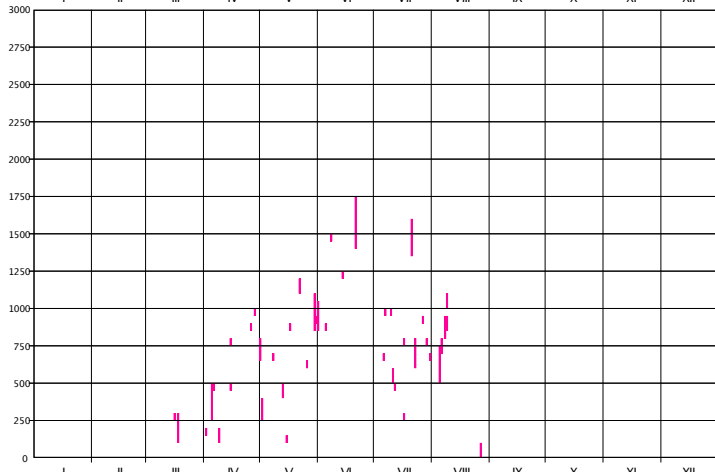
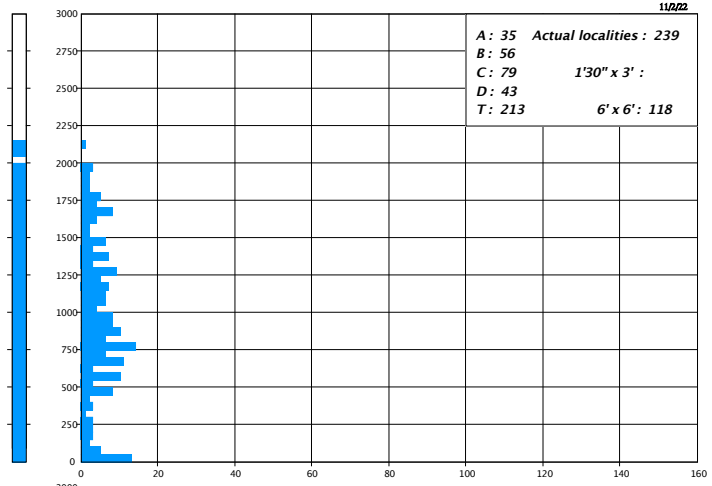
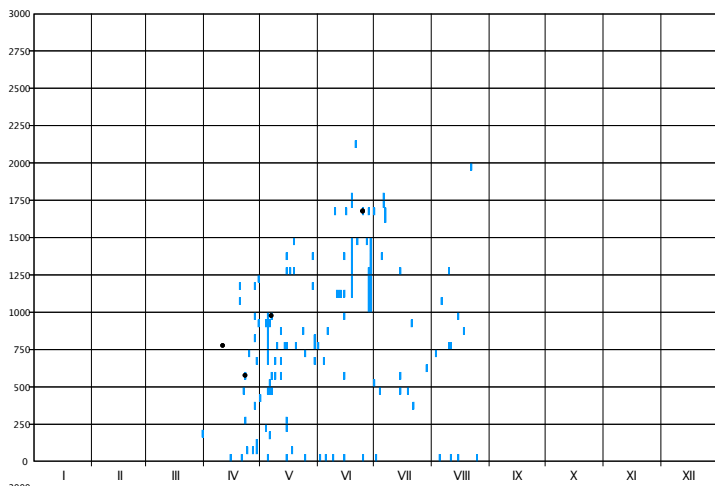
Αμφίβολη αναγνώριση / Identification Uncertain

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

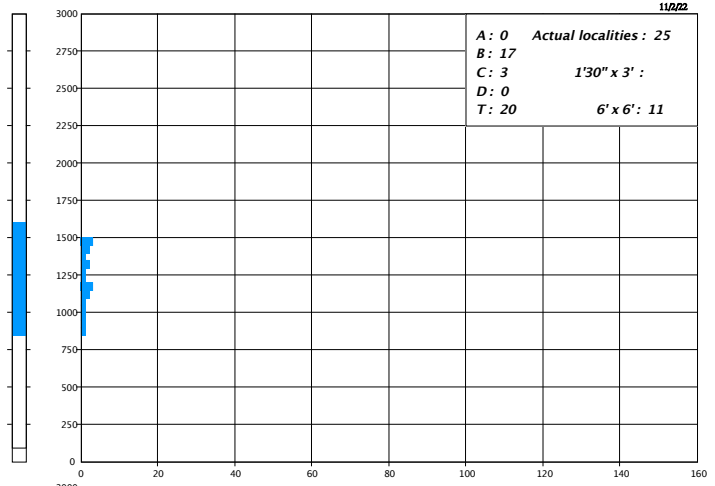
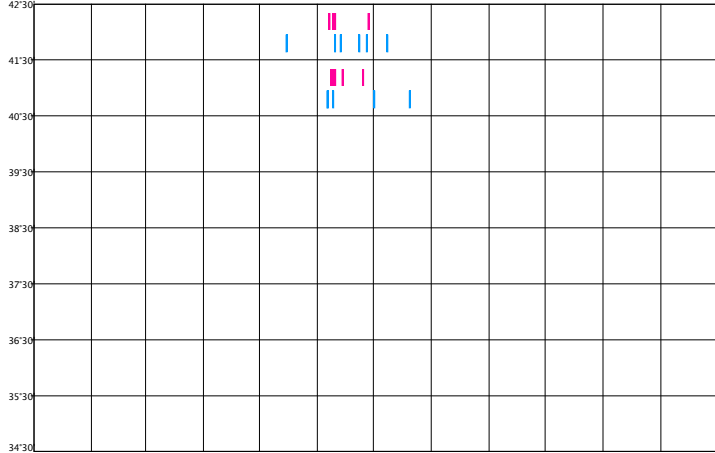
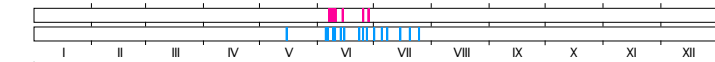
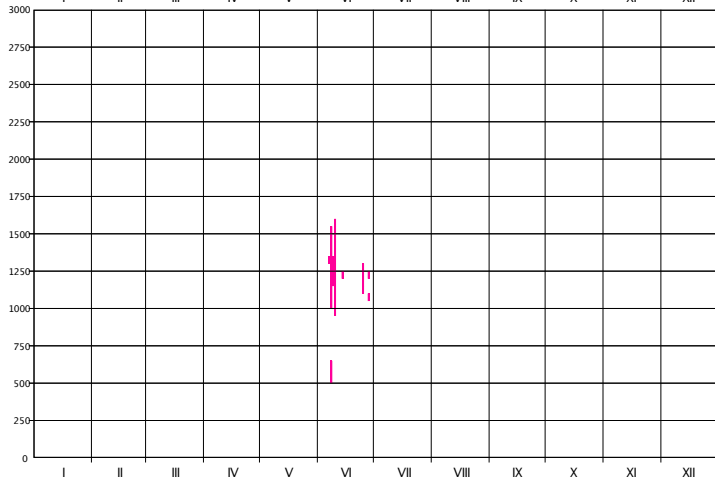
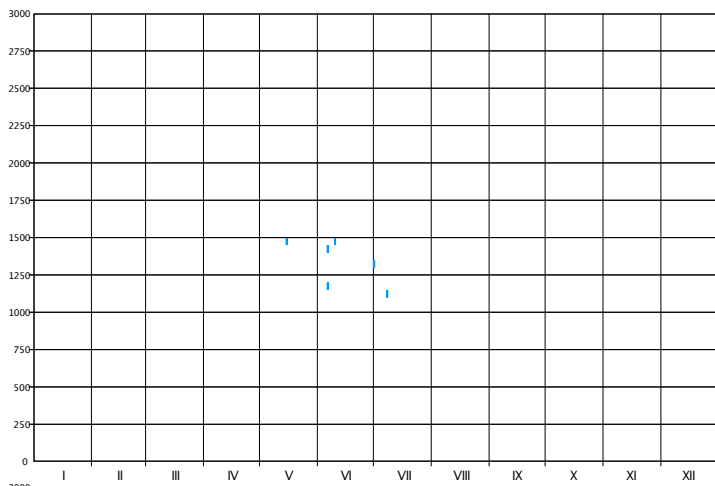


**HESPERIIDAE *Erynnis tages***

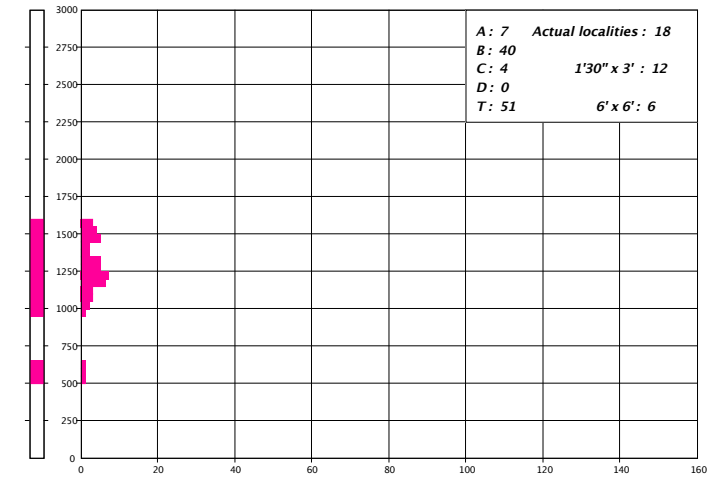






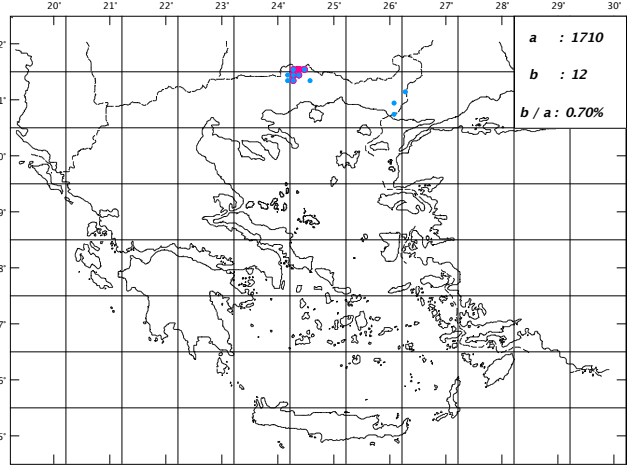


11/22  
**A : 0 Actual localities : 25**  
**B : 17**  
**C : 3 1'30" x 3' :**  
**D : 0**  
**T : 20 6' x 6' : 11**

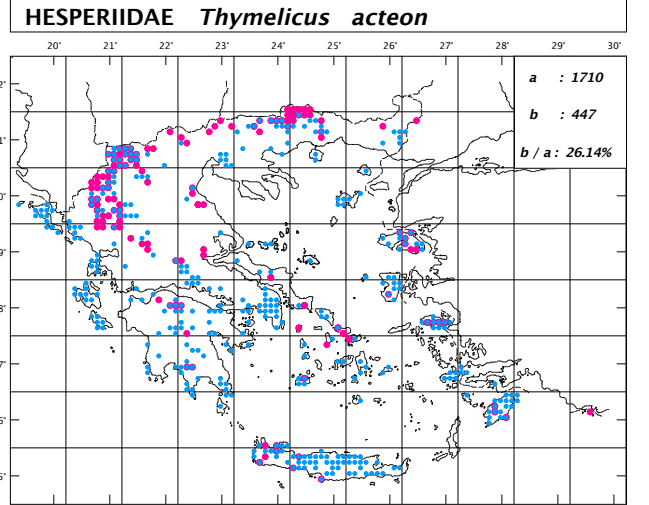
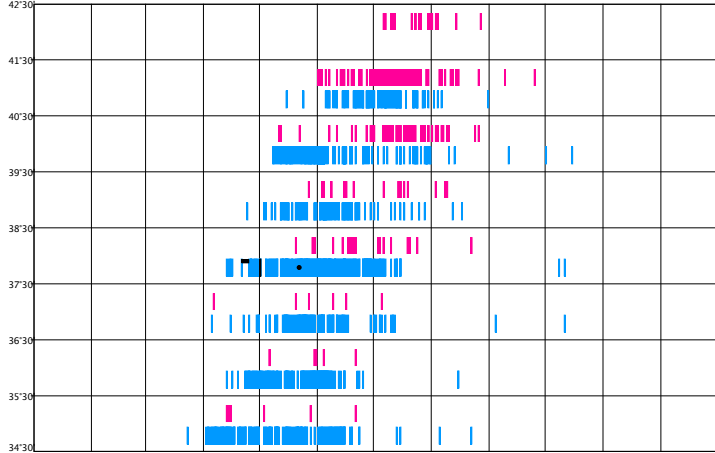
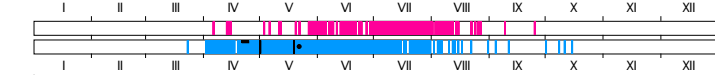
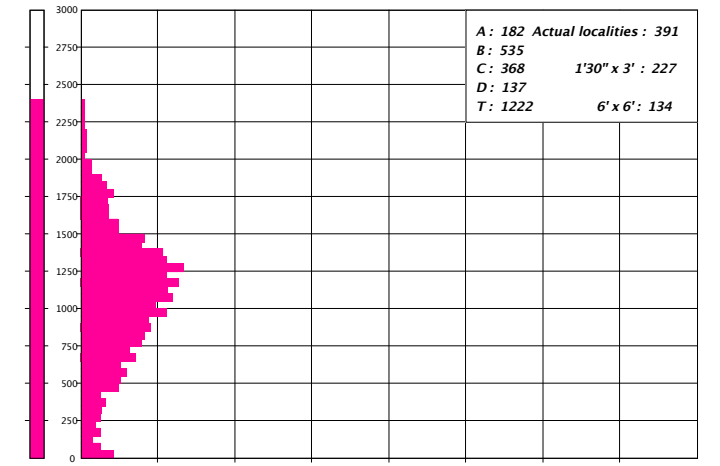
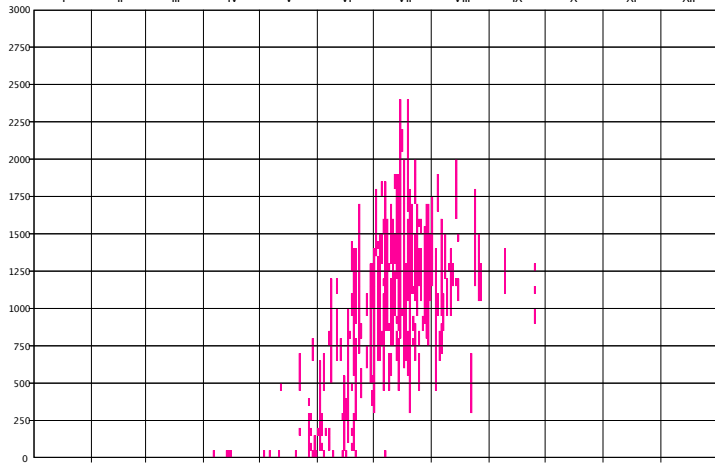
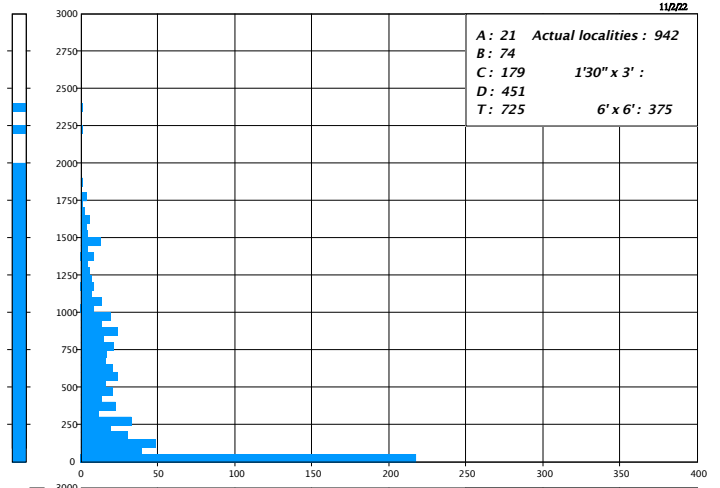
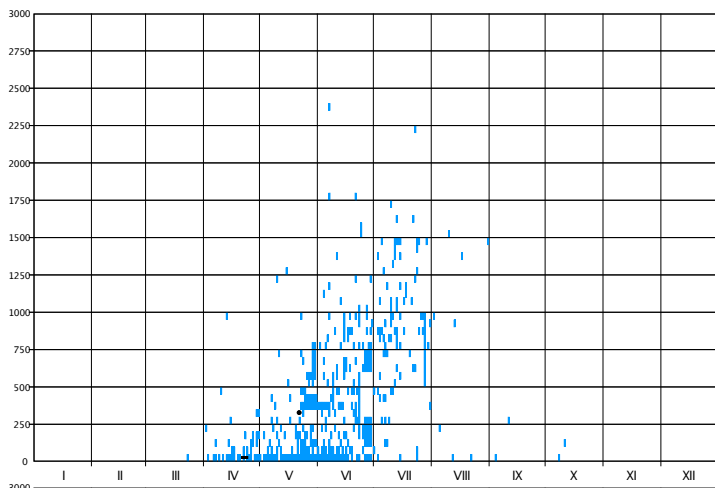


**A : 7 Actual localities : 18**  
**B : 40**  
**C : 4 1'30" x 3' : 12**  
**D : 0**  
**T : 51 6' x 6' : 6**

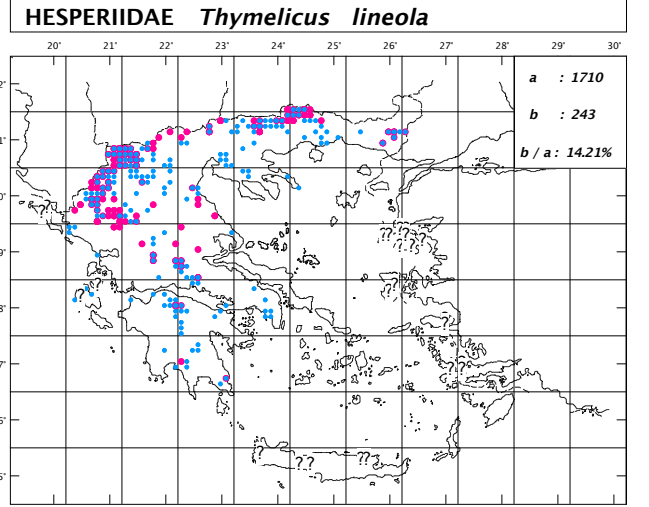
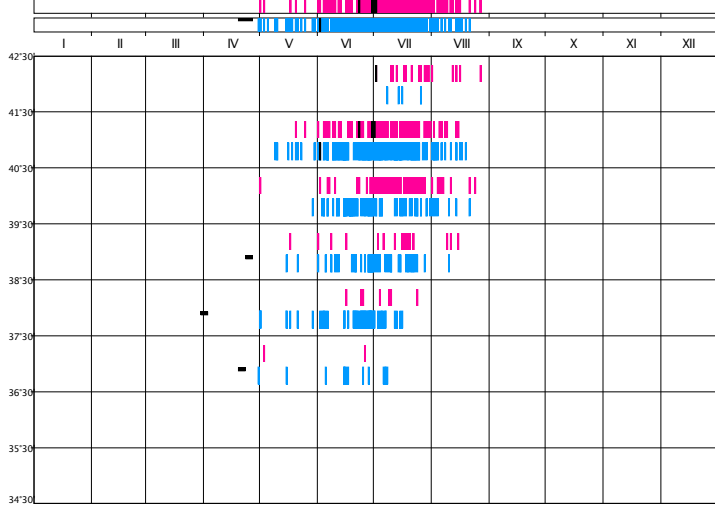
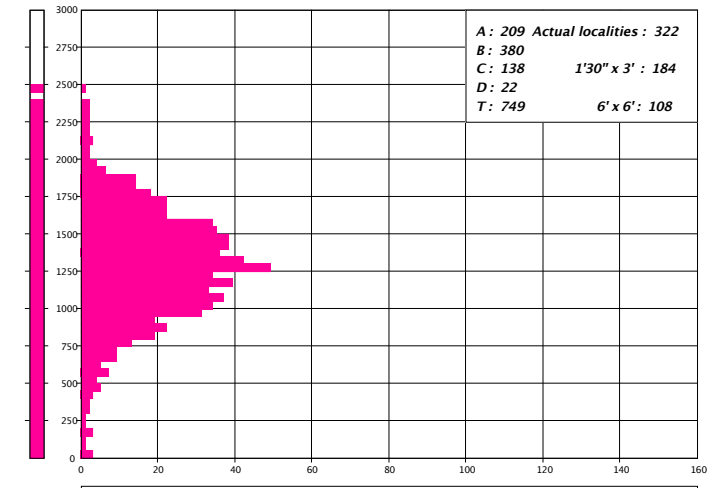
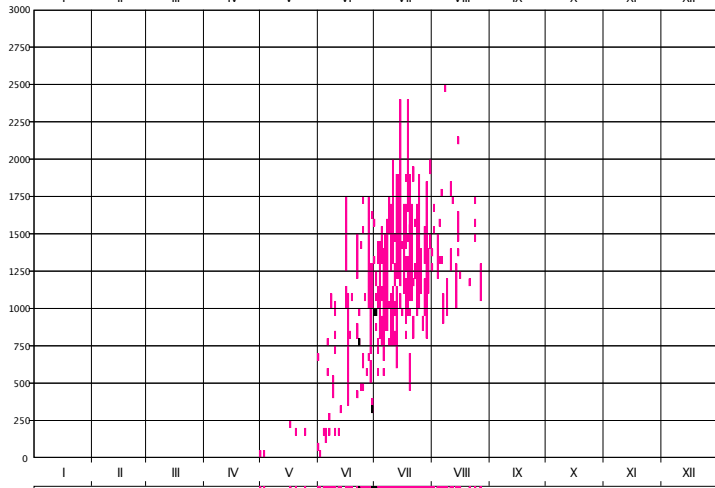
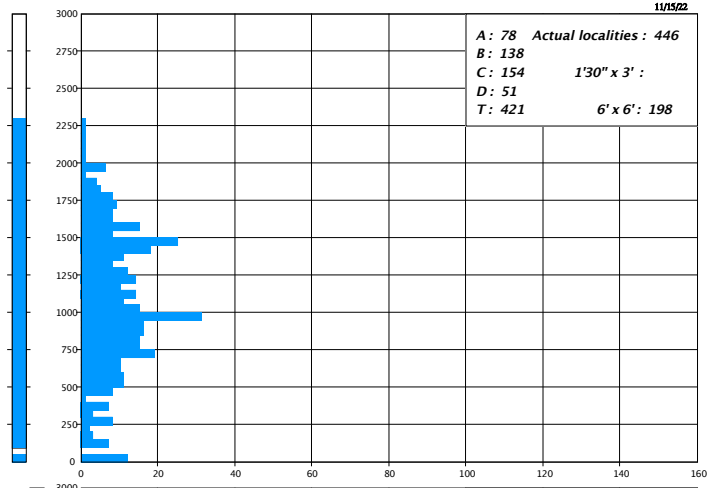
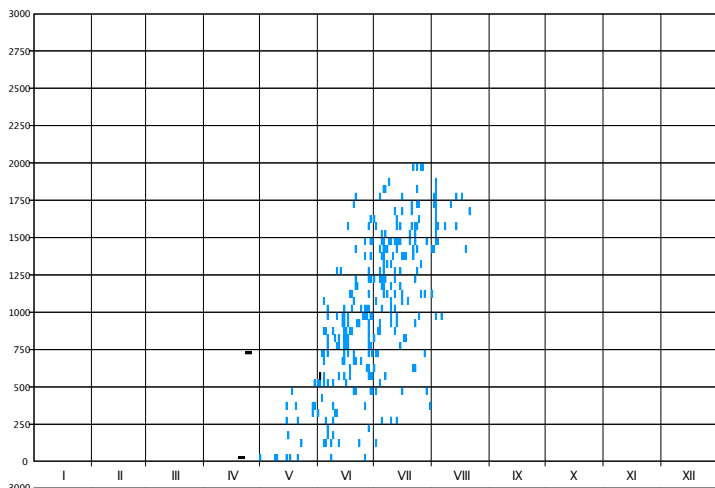
**HESPERIIDAE *Carterocephalus palaemon***



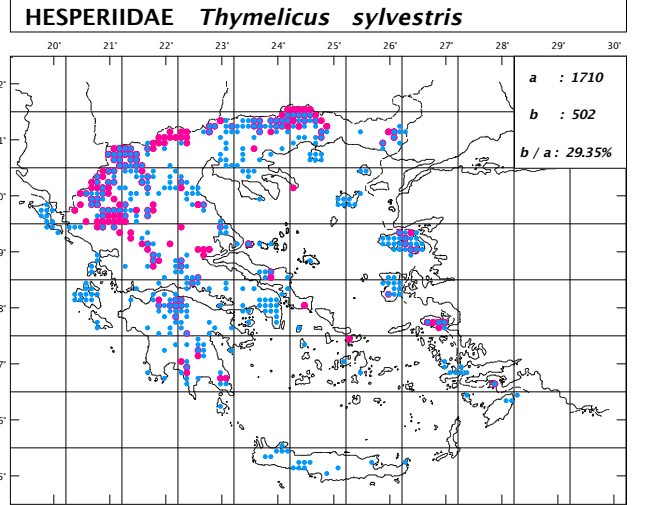
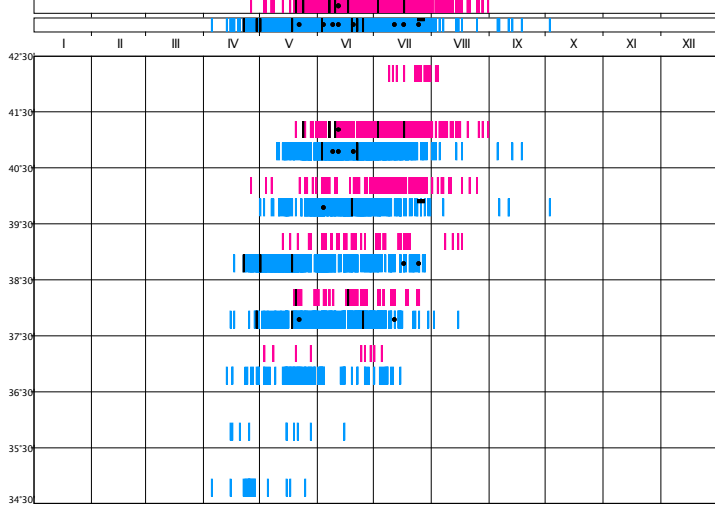
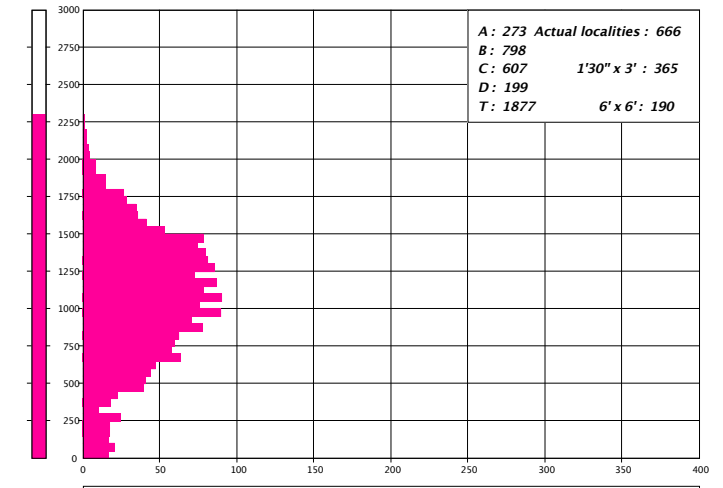
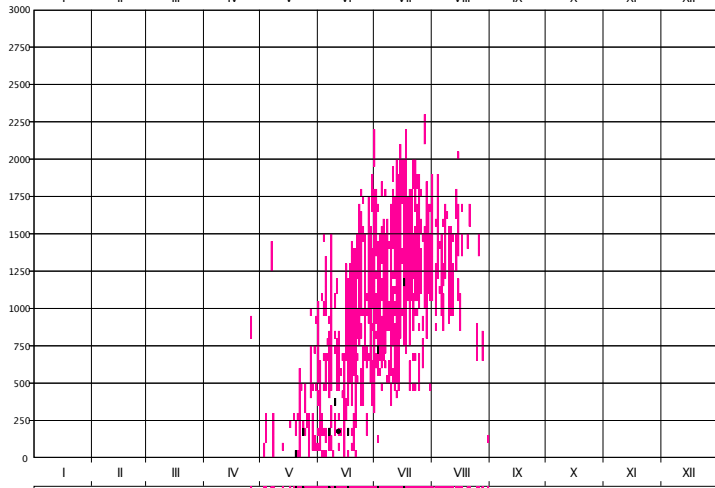
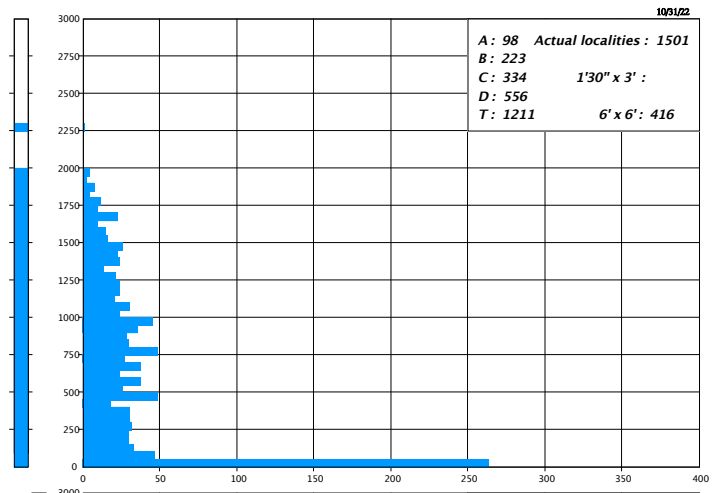
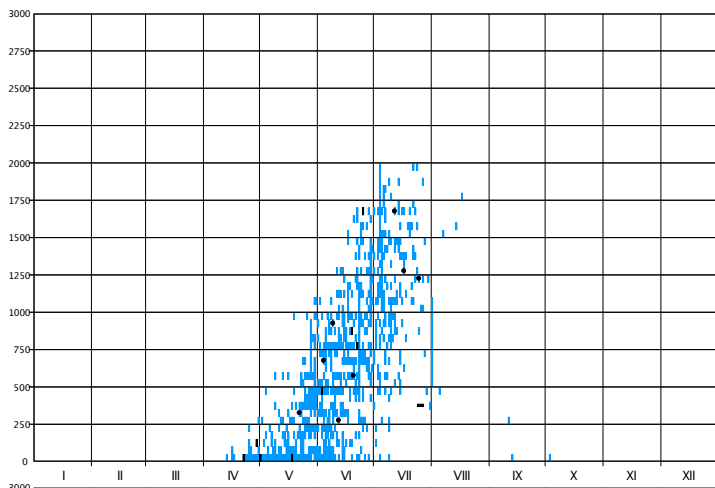
**a : 1710**  
**b : 12**  
**b / a : 0.70%**



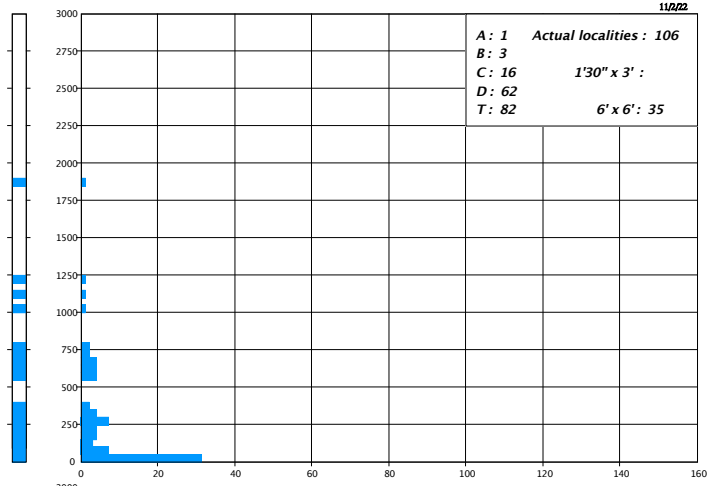
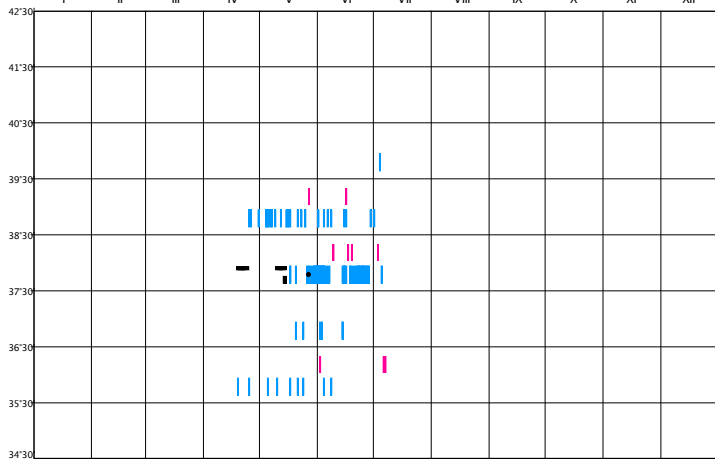
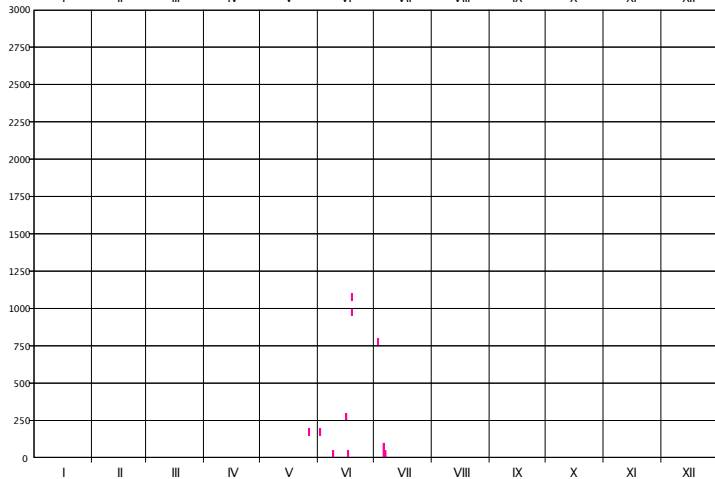
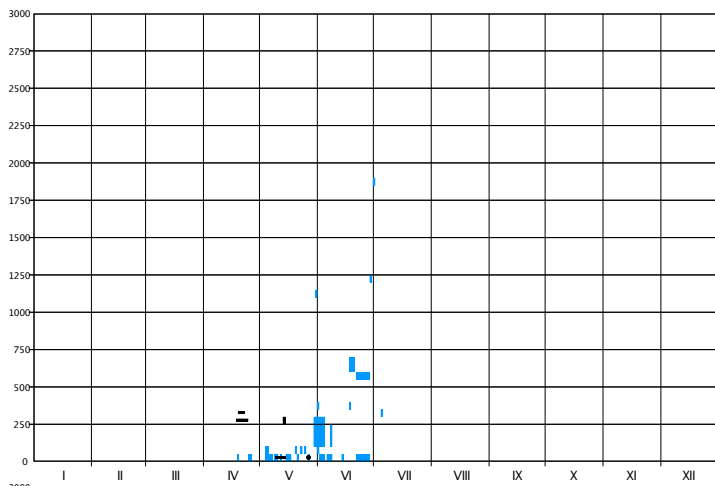
<https://www.pamperis.gr/PHOTOGRAPHS/Thymelicus.html>



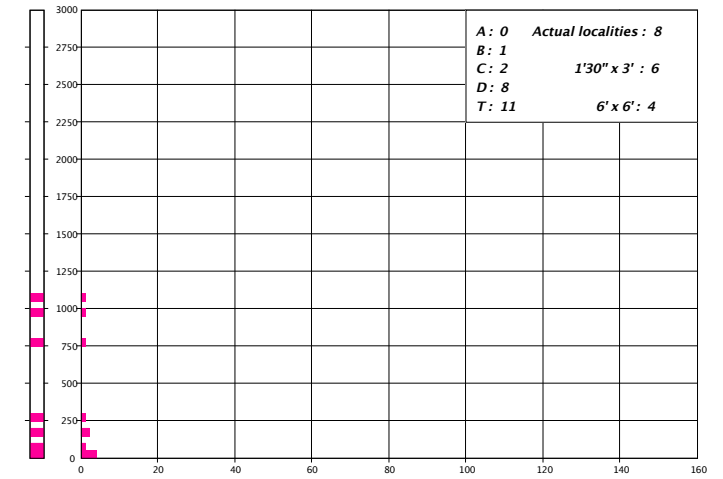
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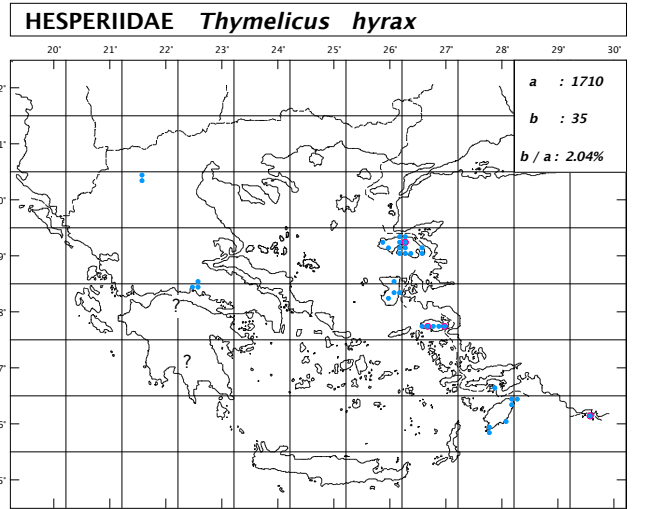
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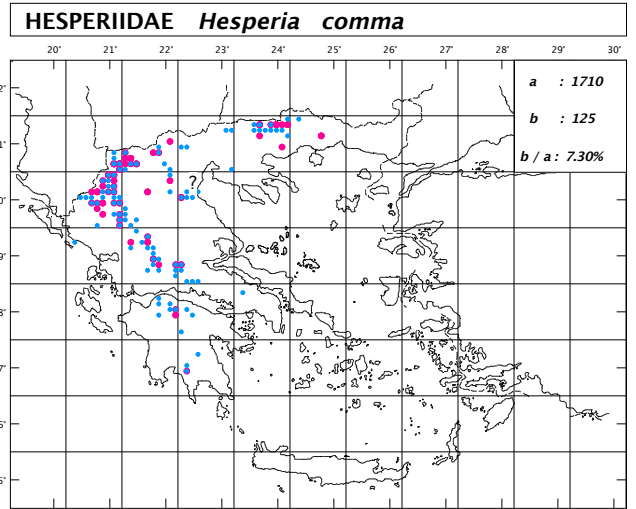
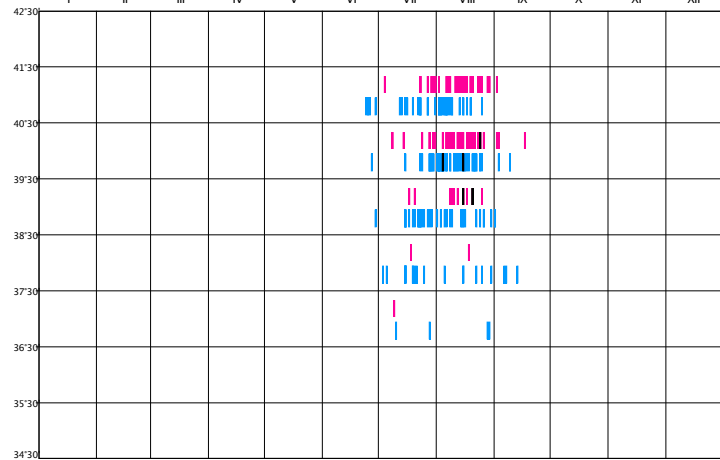
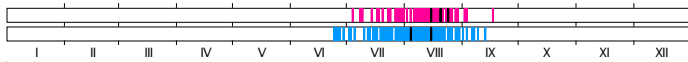
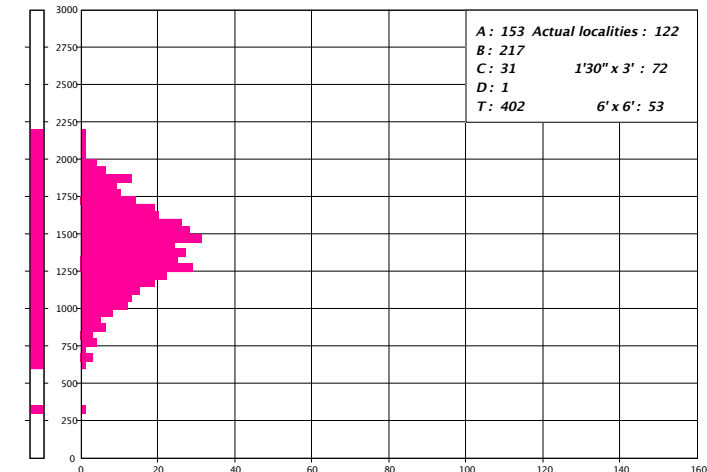
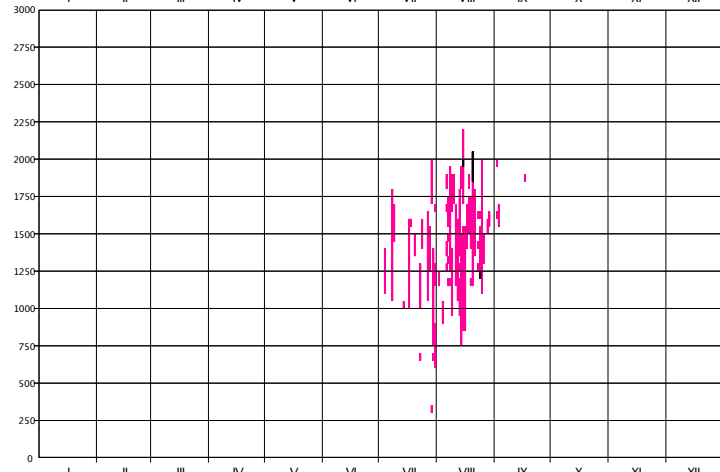
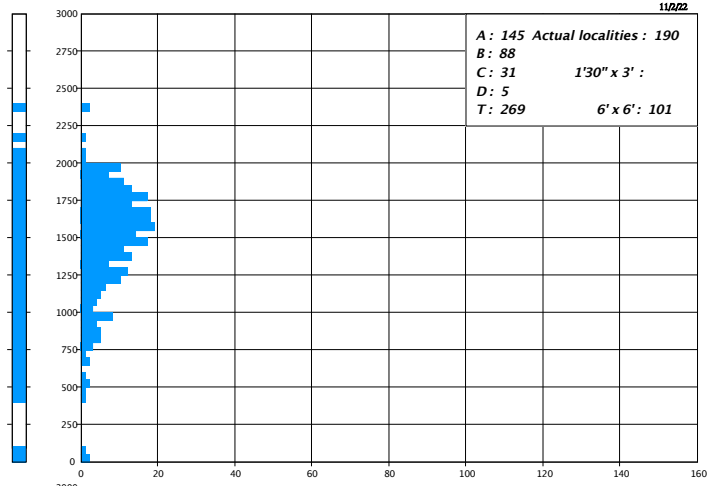
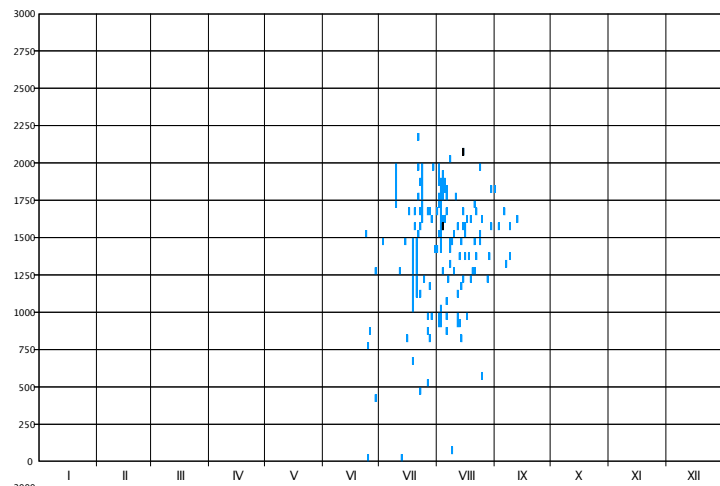
11022  
**A : 1 Actual localities : 106**  
**B : 3**  
**C : 16 1'30" x 3' :**  
**D : 62**  
**T : 82 6' x 6' : 35**

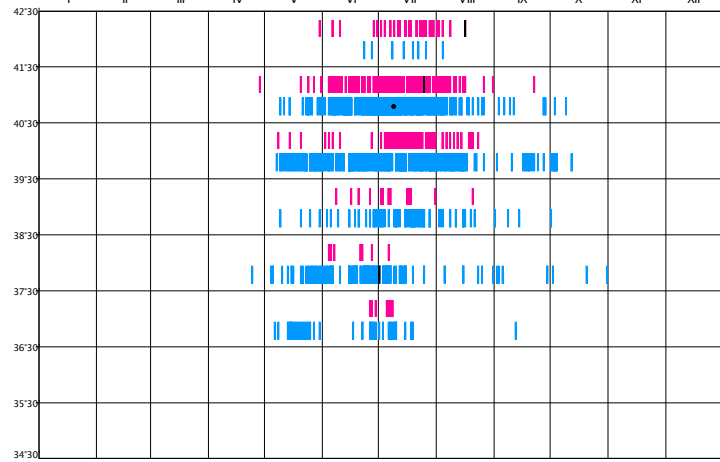
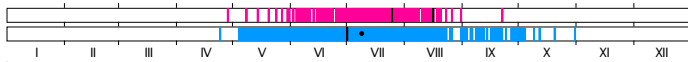
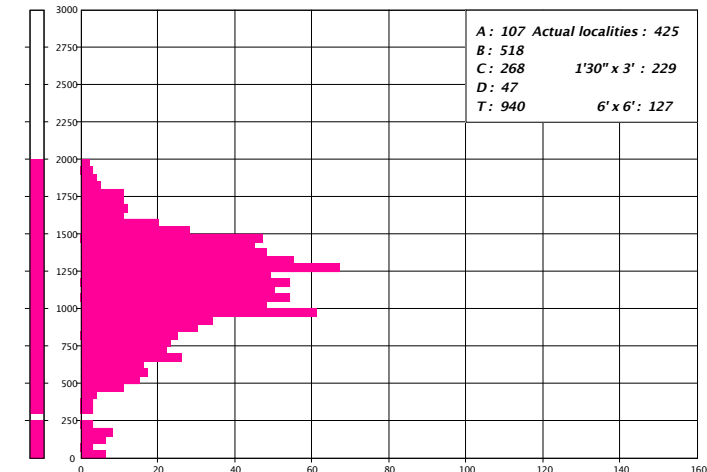
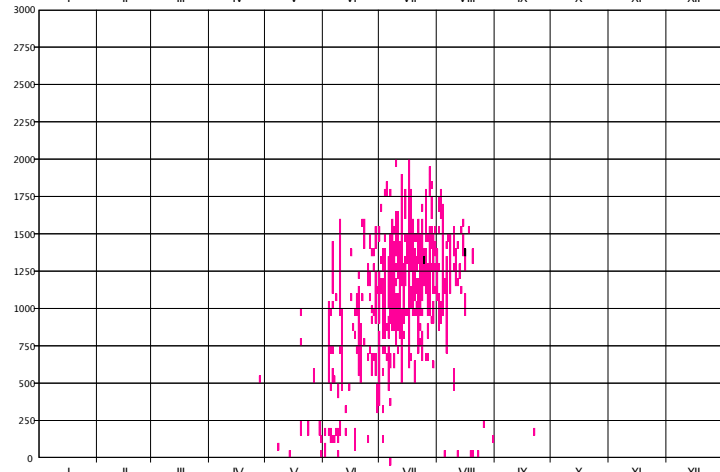
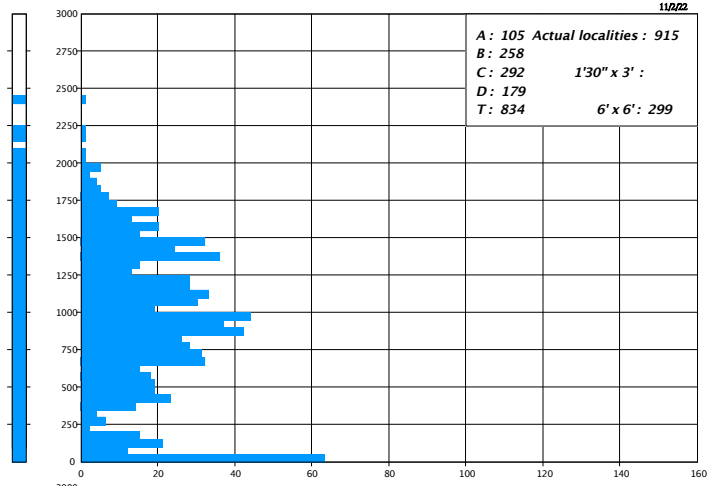
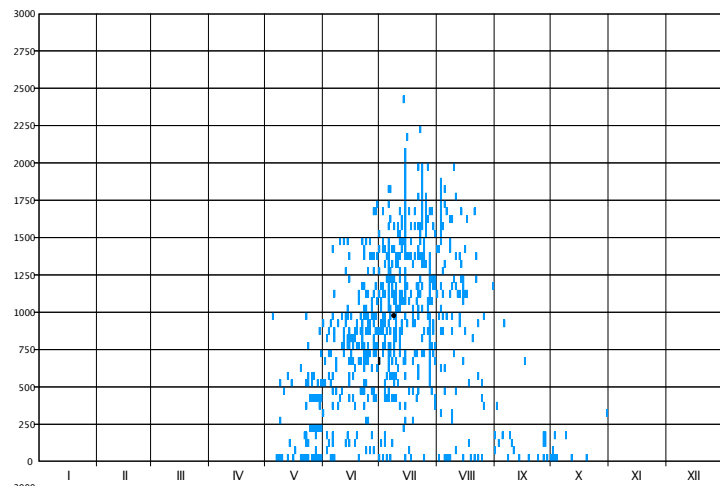


**A : 0 Actual localities : 8**  
**B : 1**  
**C : 2 1'30" x 3' : 6**  
**D : 8**  
**T : 11 6' x 6' : 4**

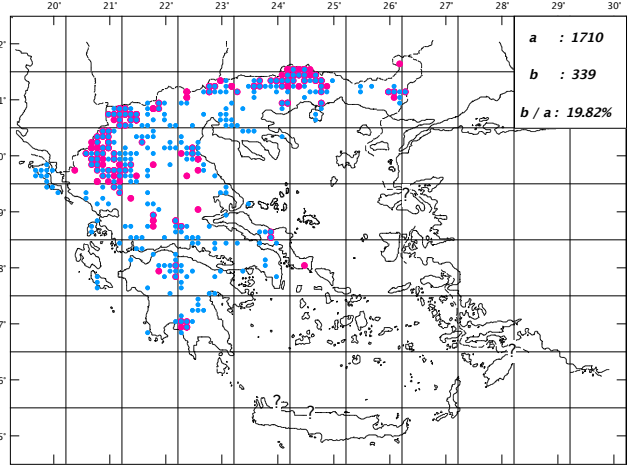


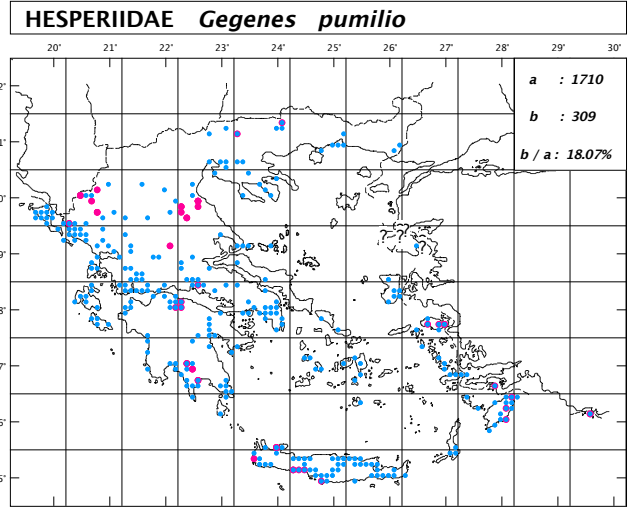
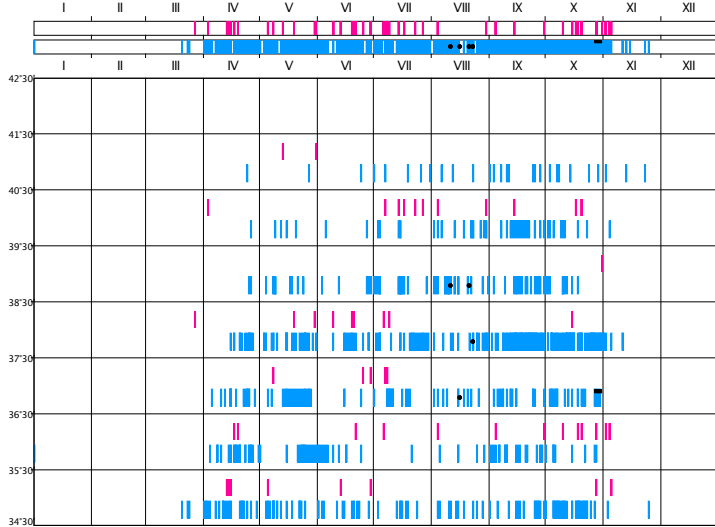
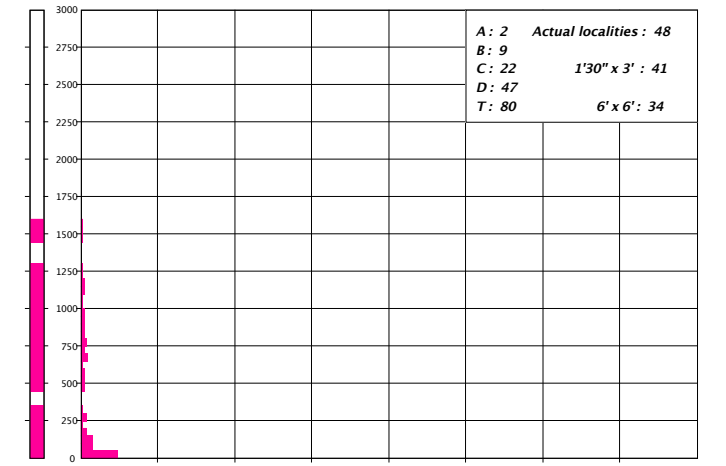
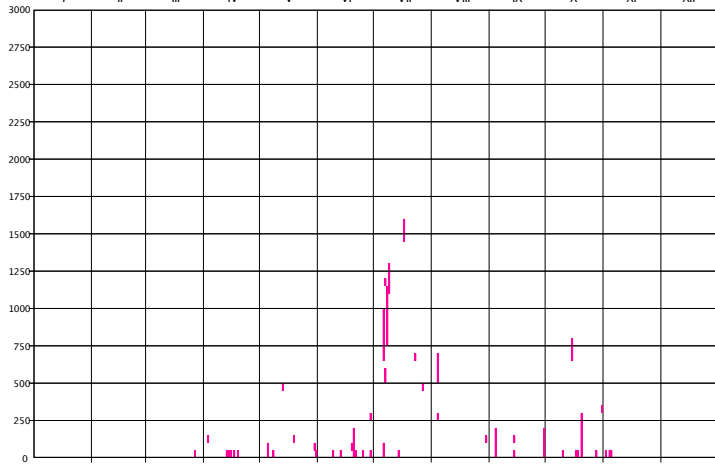
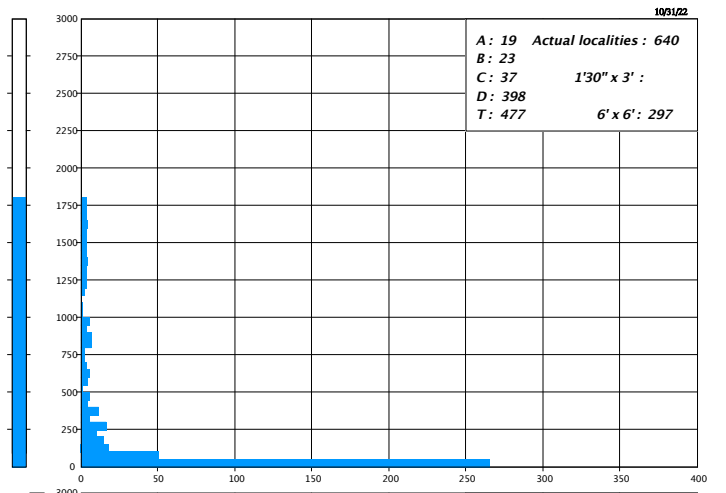
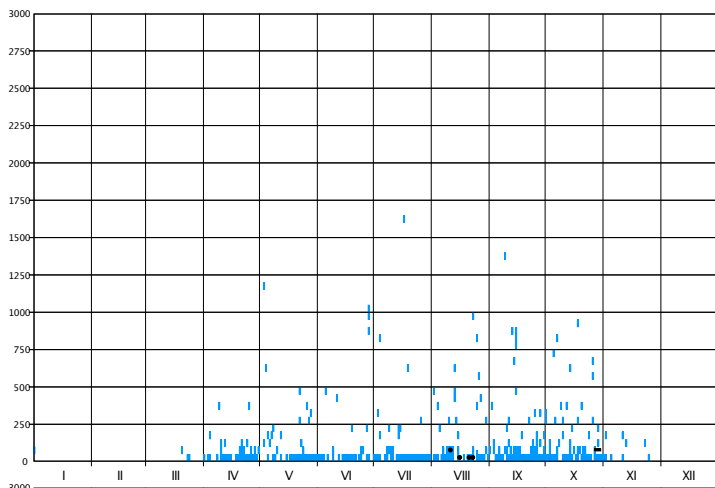
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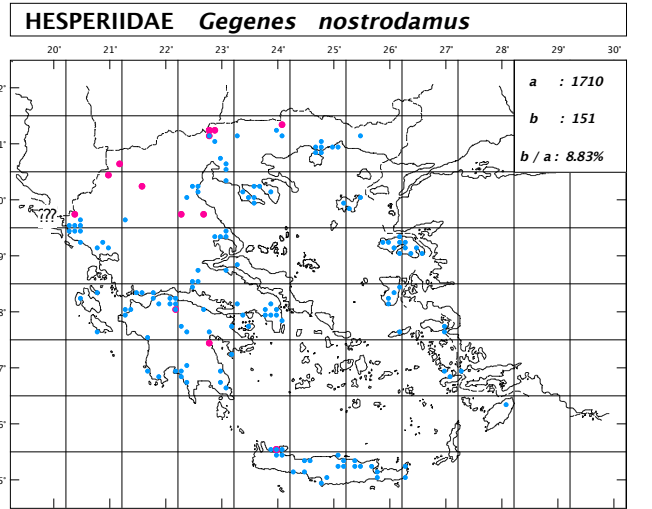
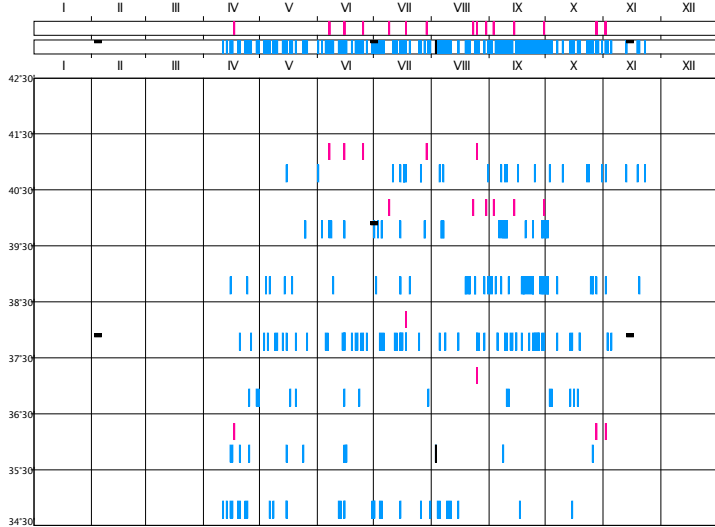
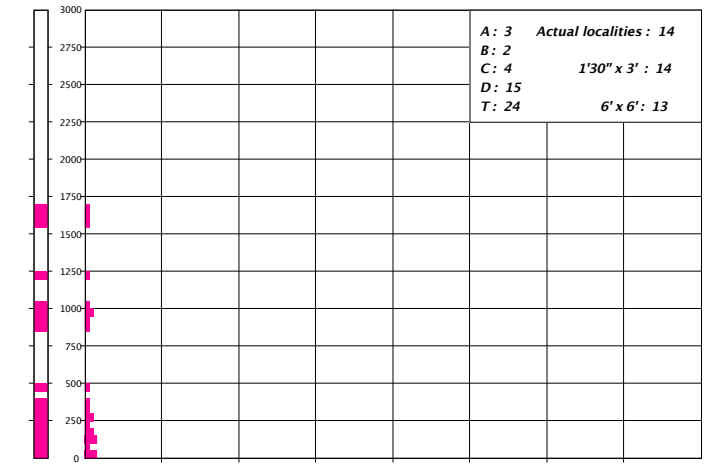
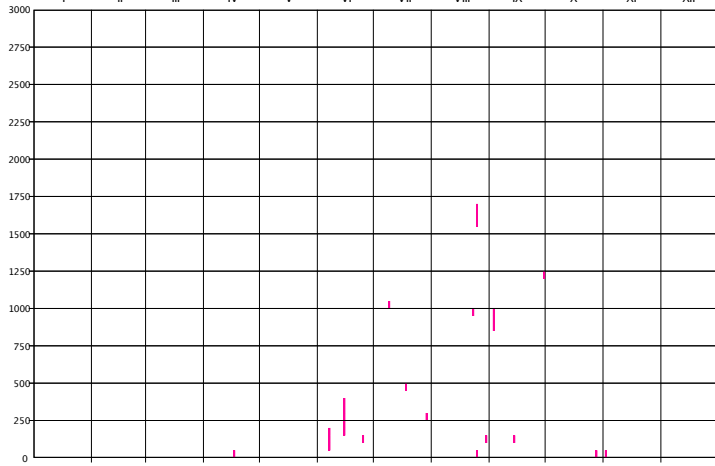
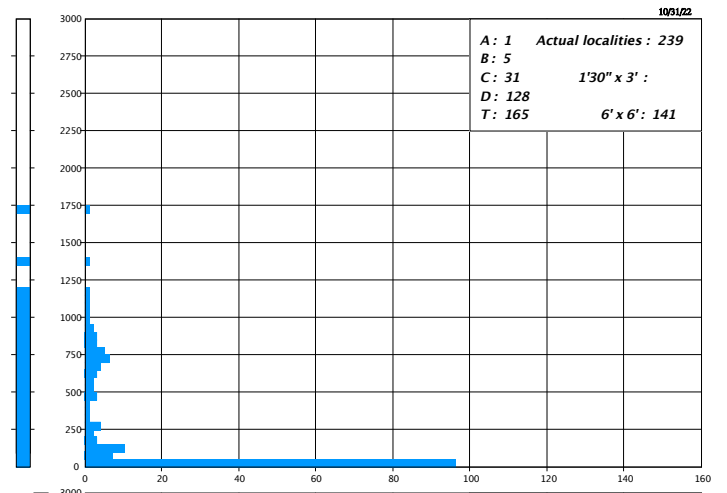
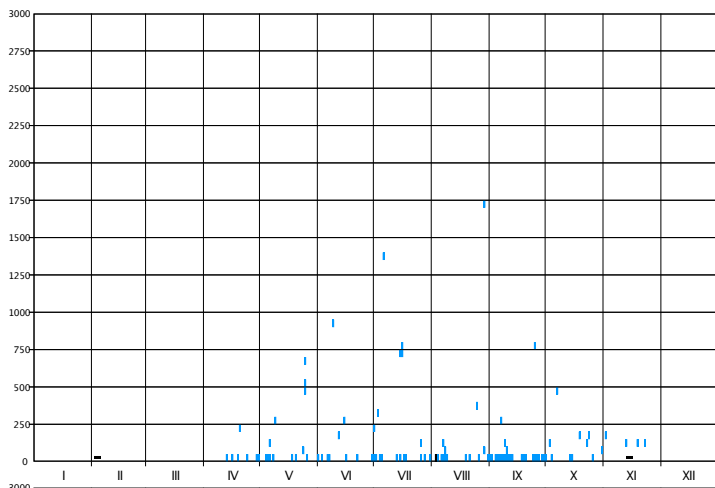
**HESPERIIDAE *Ochlodes sylvanus***





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





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