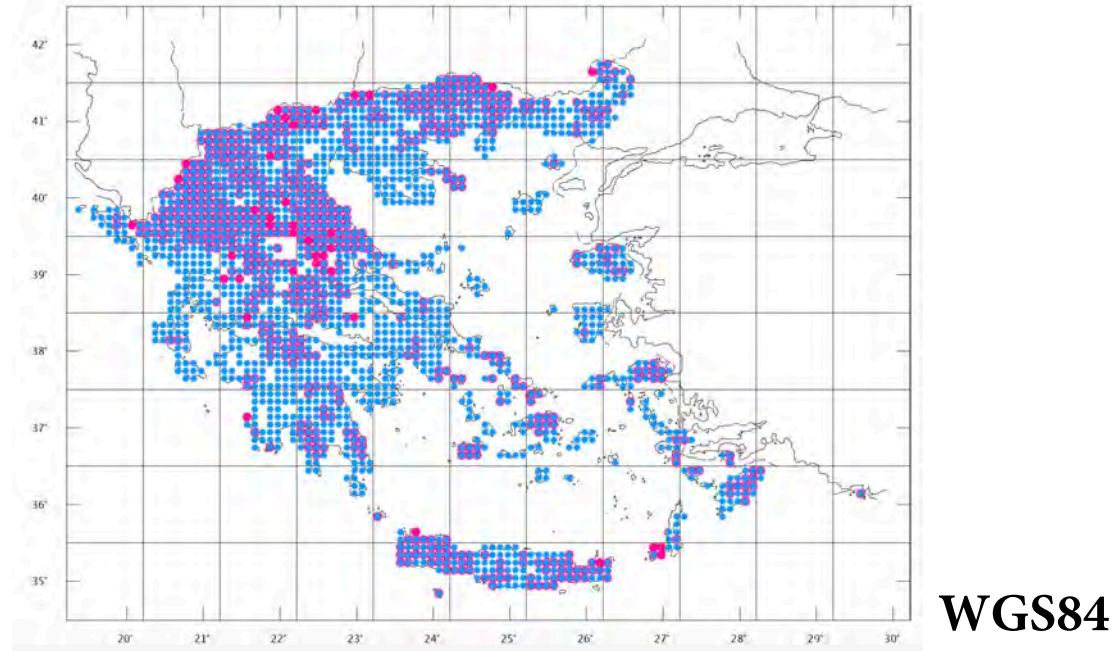


ΟΙ ΠΕΤΑΛΟΥΔΕΣ ΤΗΣ ΕΛΛΑΔΑΣ

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

2025

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 522797 καταγραφές για τις πεταλούδες της Ελλάδας (που συγκεντρώθηκαν μέχρι 31 XII 2024) και συνολικά 1756 τοποθεσίες 6'X6', που έχουν εξερευνηθεί, από τις συνολικά 2059 τοποθεσίες 6'X6' για όλη την επικράτεια, δηλαδή καλύπτοντας το 85.28 % 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 2008-2025) 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 4168 μέλη την 9 XI 2024) 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/>

Οι αναφορές για την παρουσία των ειδών *Thaleropis ionia* (Κατελλόριζο), *Deudorix livia* (Αττική) και *Hipparchia semele* (Πελοπόννησος και Ιωάννινα) δεν έχουν επιβεβαιωθεί έως σήμερα.

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/ και στο <https://www.pamperis.gr/recognition/index.html> για την αυτόματη αναγνώριση των πεταλούδων.

Λάρισα 1 Ιανουαρίου 2025

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 522797 records for the butterflies of Greece (till 31 XII 2024) for a total number of 1756 investigated localities 6'X6; this is the 85.28 % 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 2008-2025) 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 4068 members at 9 XI 2024) 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/)

Reports on the presence of the species *Thaleropsis ionia* (Kastellorizo), *Deudorix livia* (Attiki) and *Hipparchia semele* (Peloponnisos and Ioannina) has not been confirmed to date.

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/ and in <https://www.pamperis.gr/recognition/index.html> for automatic recognition of butterflies.

Larissa 1 January 2025
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/

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

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>

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ΠΡΟΣΩΠΙΚΕΣ ΕΠΙΚΟΙΝΩΝΕΙΕΣ PERSONAL COMMUNICATIONS

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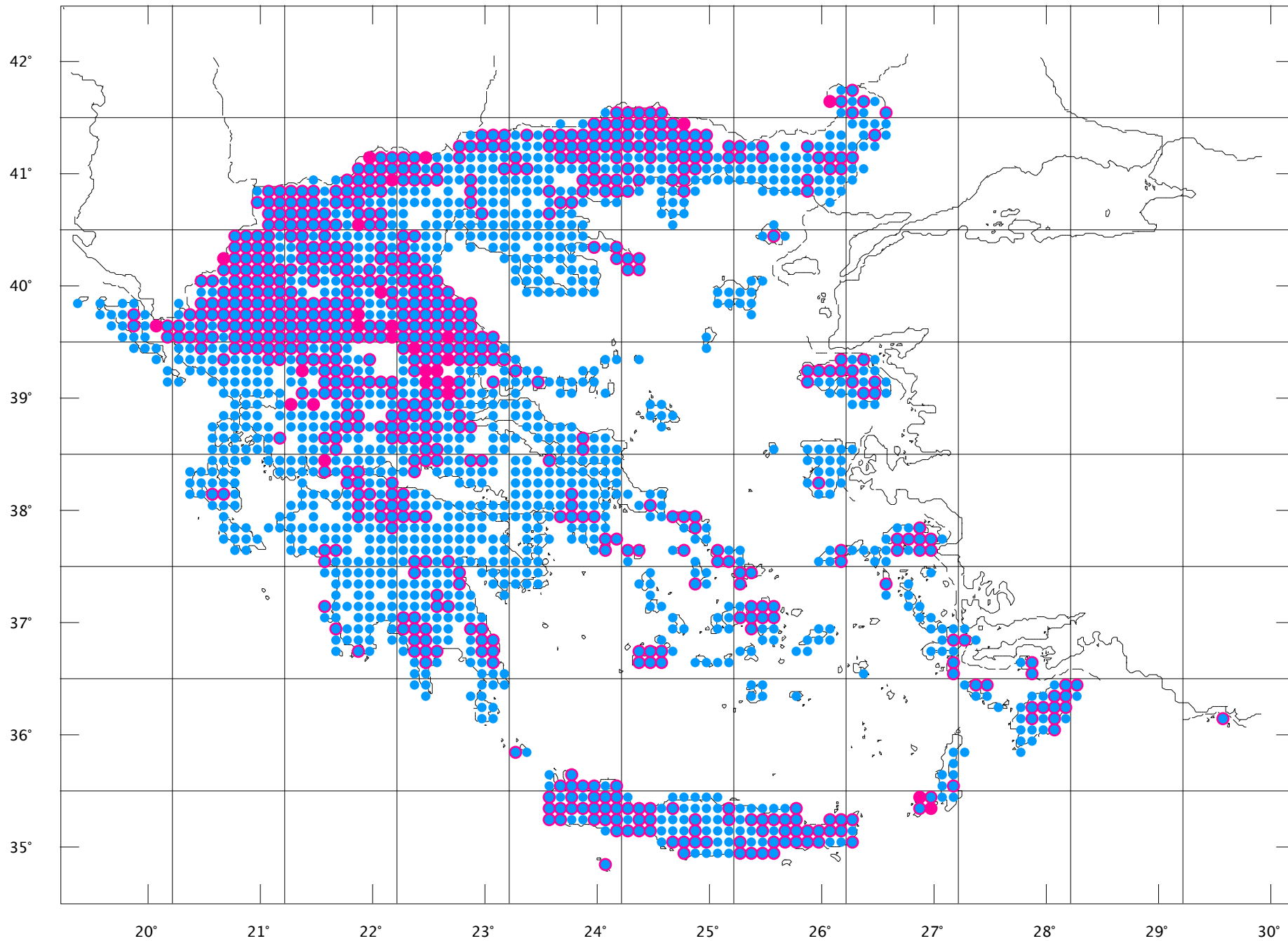
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ΣΤΡΑΧΙΝΗΣ ΗΛΙΑΣ
ΣΥΚΑΣ ΒΑΣΙΛΗΣ
ΣΩΤΗΡΙΟΥ ΦΩΤΕΙΝΗ
ΤΑΜΒΑΚΑΣ ΚΩΣΤΑΣ
ΤΖΑΝΟΓΙΩΡΓΗΣ ΔΗΜΗΤΡΗΣ
ΤΖΑΦΕΤΑΣ ΧΡΗΣΤΟΣ
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ΤΖΗΜΟΥΛΗΣ ΟΔΥΣΣΕΑΣ
ΤΖΩΡΤΖΑΚΑΚΗ ΟΛΓΑ
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ΧΡΙΣΤΟΠΟΥΛΟΥ ΜΑΙΡΗ
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ΨΑΛΛΙΔΑΣ ΒΑΣΙΛΗΣ

ALBRECHT MARTIN
BAUDRAZ MICHEL
BEAUCKOMP PETER C
BERRY MATT
BESHKOV 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
DARCEMONT CHRISTIAN
DIJON CATHERINE
DINCĂ VLAD
DOWDING JULIAN
DROUET ERIC
DUDLEY STEVE
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
GOOS WALTER
GREATOREX-DAVIES NICK
GRIFFIN DAVE
GUILFOYLE A.
HAATELA TARI
HABELER HEINZ
HALL D
HAPKA TAMAS
HARI THEIVAPRAKASHAM
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
KAUNITZ ULF
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 2025)
Investigated localities
for all species
Χάρτης 3.4
(επικαιροποίηση
2025)
Οι εξερευνηθείσες
τοποθεσίες για όλα
τα είδη

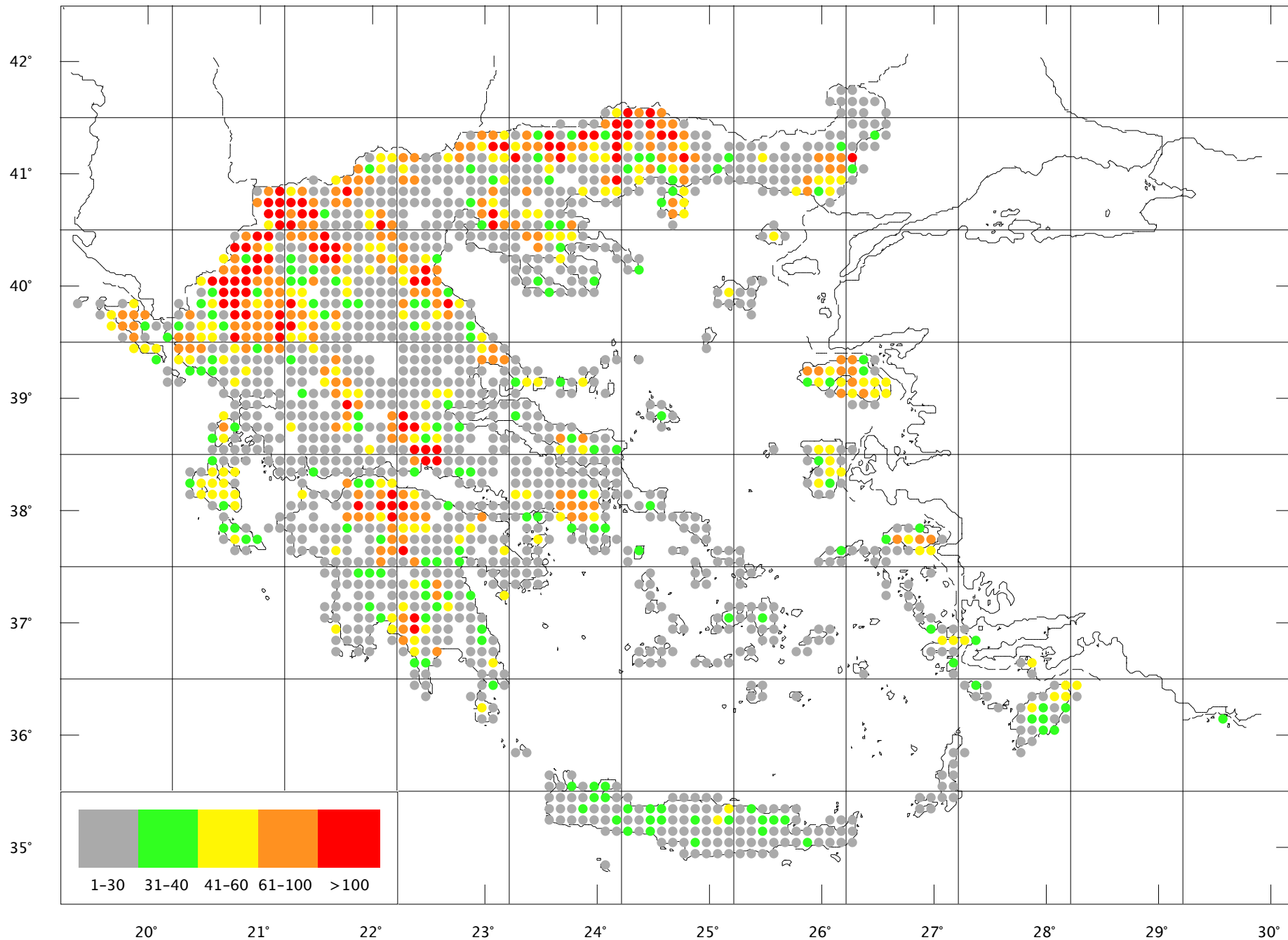


Chart 4.15
 (update 2025) Total
 number of species
 for all 1756 localities
 6'x6'
 Χάρτης 4.15
 (επικαιροποίηση
 2025)
 Συνολικός αριθμός
 των ειδών για όλες
 τις 1756
 τοποθεσίες 6'x6'

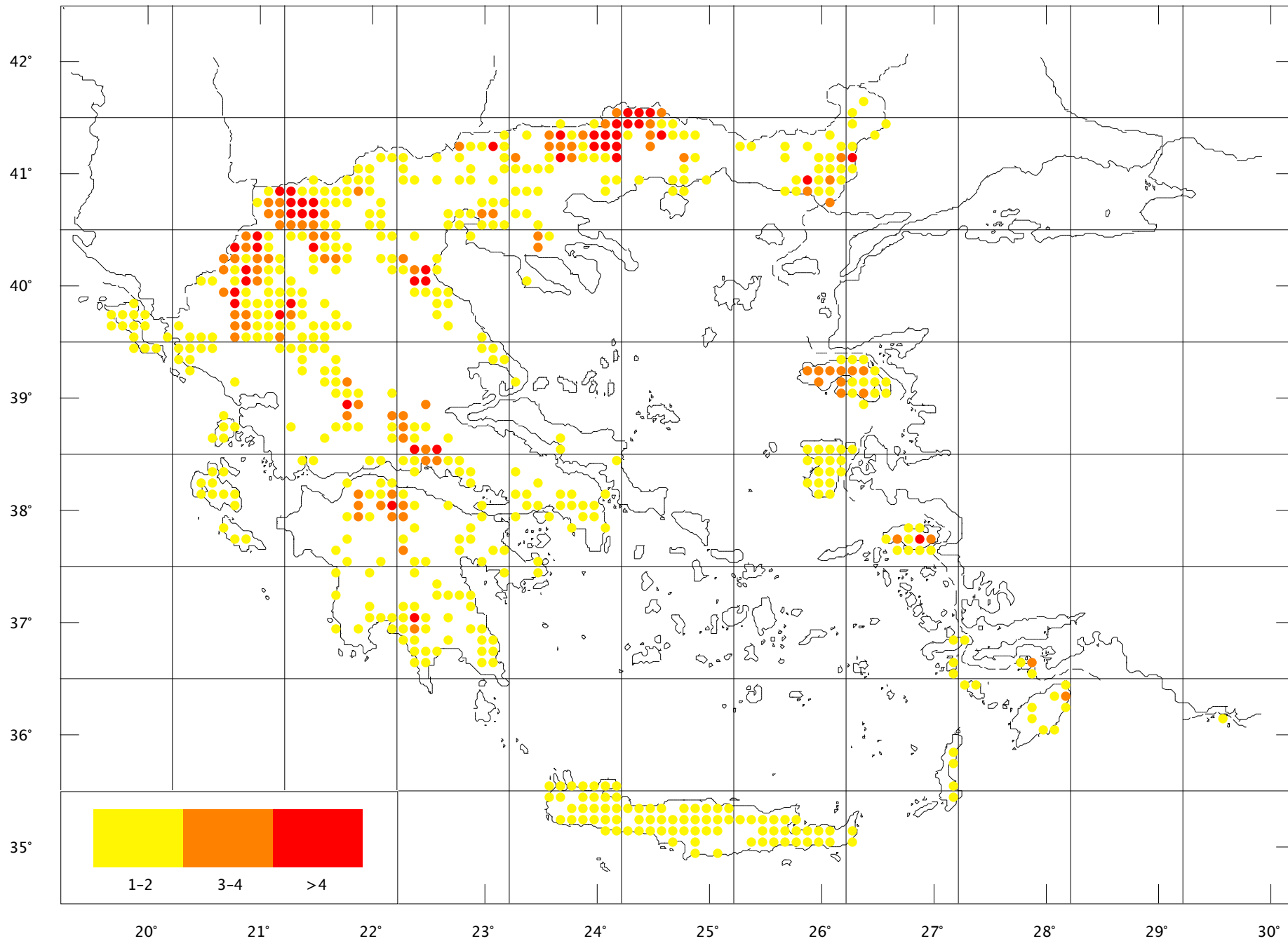


Chart 4.16
 (update 2025)
 Important butterfly
 areas in Greece
 Χάρτης 4.16
 (επικαιροποίηση
 2025)
 Σημαντικές
 περιοχές για τις
 πεταλούδες της
 Ελλάδας

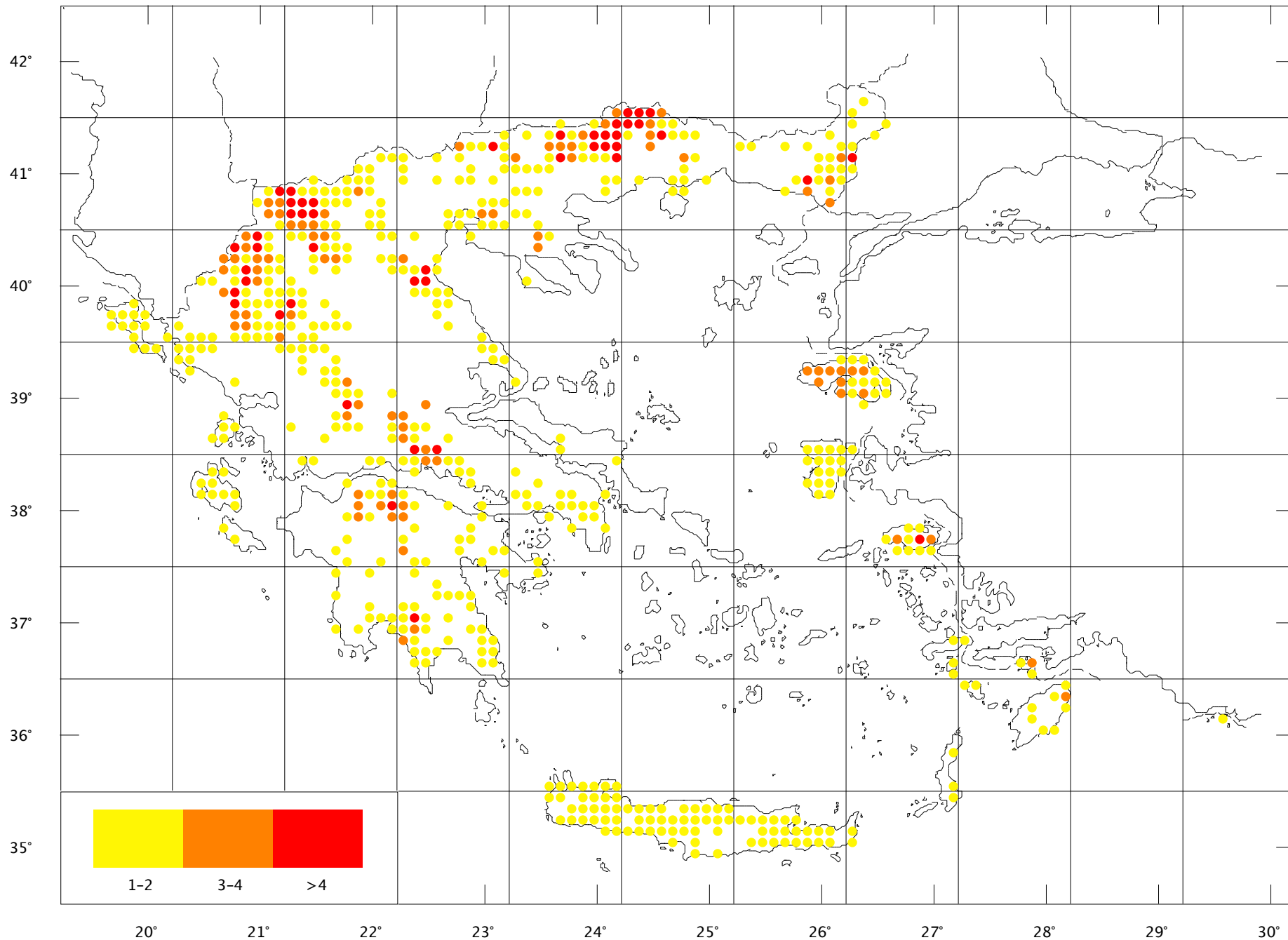


Chart 4.16
(update 2024)
Important butterfly
areas in Greece

Χάρτης 4.16
(επικαιροποίηση
2024)
Σημαντικές
περιοχές για τις
πεταλούδες της
Ελλάδας

Comments on the species distribution maps that follow Σχόλια για τους χάρτες εξάπλωσης των ειδών που ακολουθούν

1. Endemic species/ Ενδημικά Είδη

- *Zerynthia cretica*
- *Kretania psylorita*
- *Maniola chia*
- *Hipparchia cretica*
- *Coenonympha thyrasis*
- *Hipparchia christenseni*
- *Polyommatus timfristos*

2. Identification uncertain / Αμφίβολη αναγνώριση

- *Pieris napi*
- *Pieris balcana*
- *Colia erate*
- *Leptidea sinapis*
- *Leptidea juvernica*
- *Melitaea athalia*
- *Melitaea aurelia*
- *Hipparchia senthes*
- *Hipparchia volgensis*
- *Pyrgus alveus*
- *Pyrgus armoricanus*
- *Muschampia orientalis*
- *Muschampia floccifera*

3. Species reported only once / είδη που αναφέρθηκαν μόνον μια φορά.

- *Thaleropsis ionia*
- *Deudorix livia*
- *Hipparchia semele*

4. *Polyommatus ripartii*

- 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>, 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.

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.

5. *Polyommatus aroaniensis*

- 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 crypticspeciation 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.

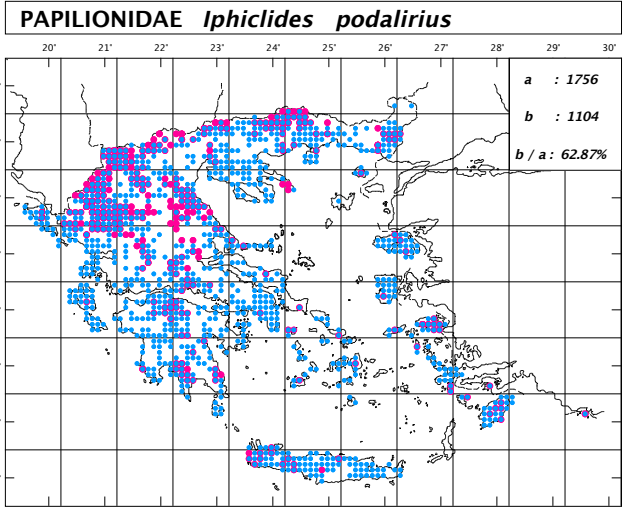
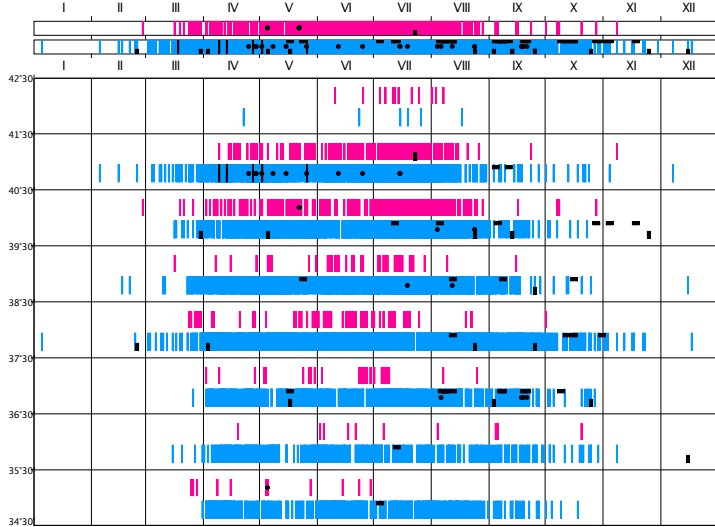
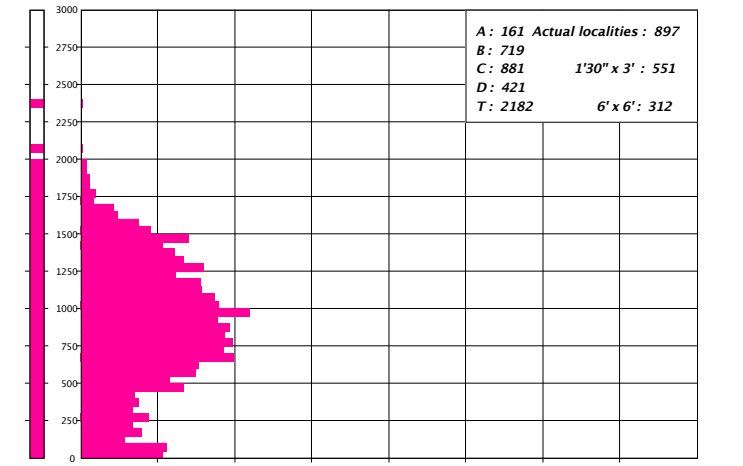
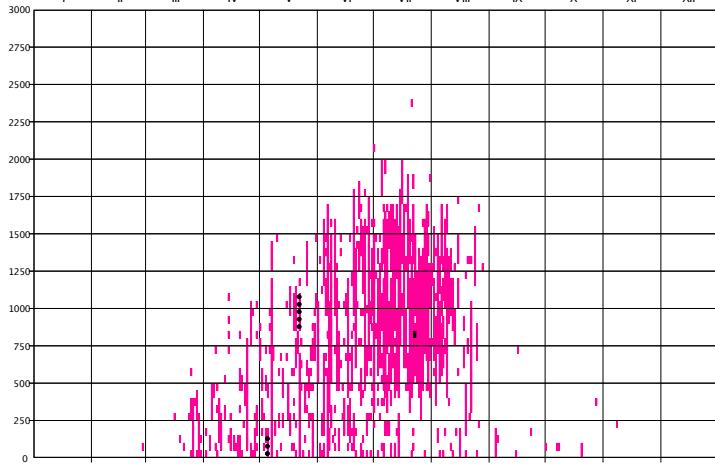
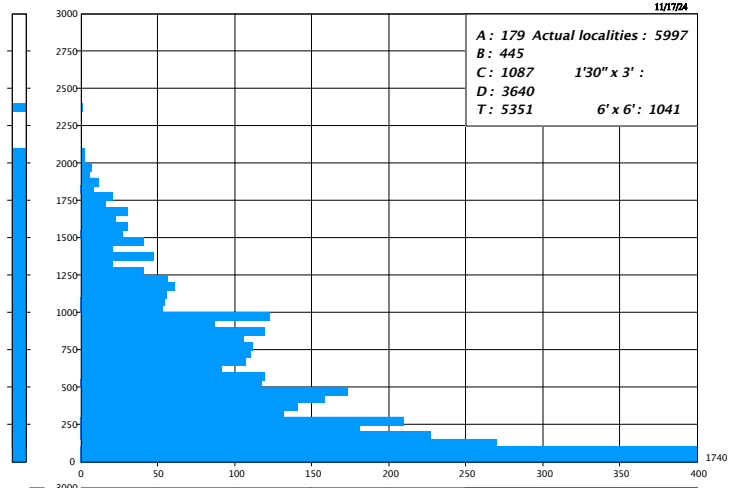
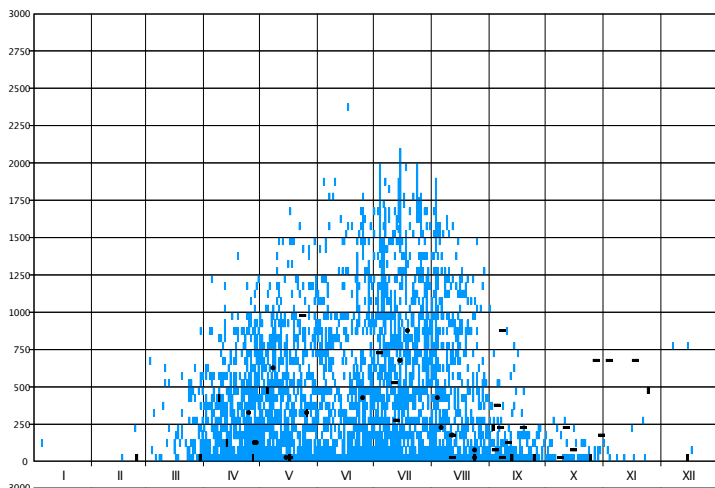
6. *Polyommatus orphicus*

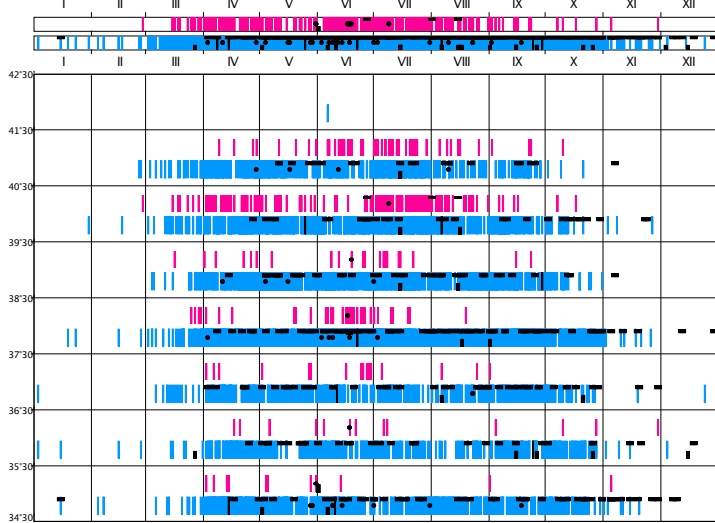
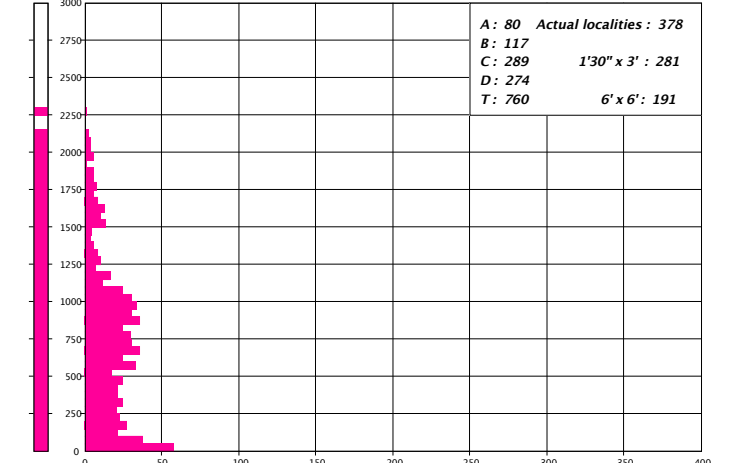
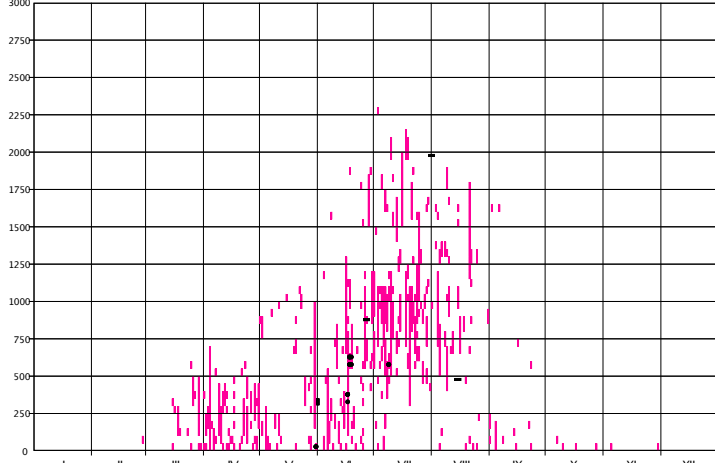
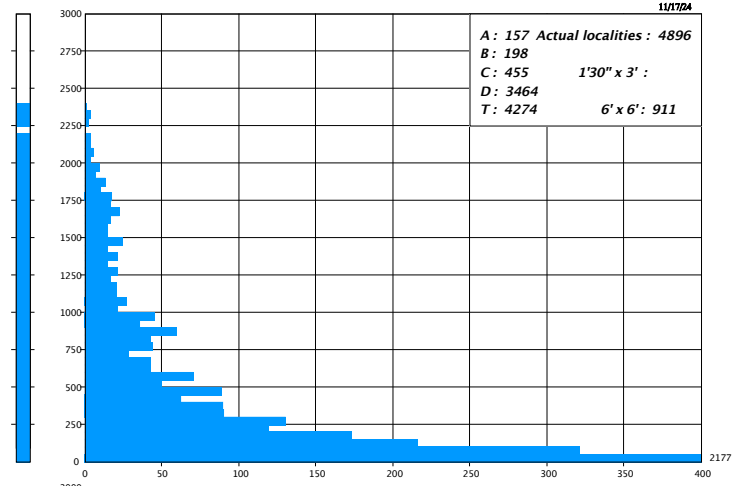
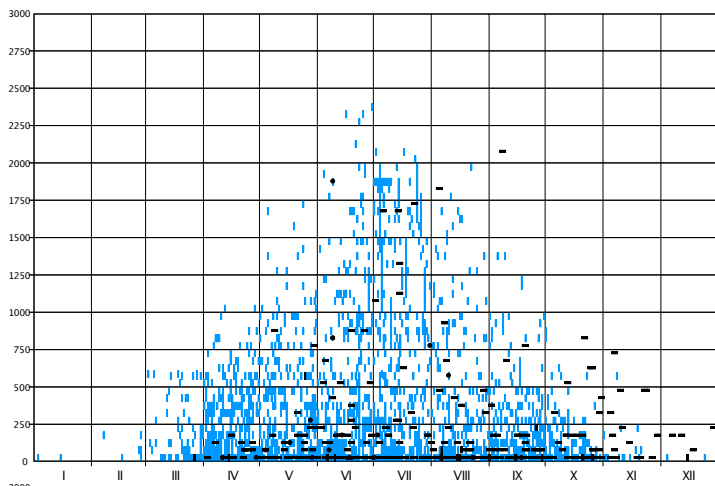
- *Polyommatus orphicus eleniae*, a new subspecies as suggested by VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016): *Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics* 10(5): 1- 85. <https://doi.org/10.3897/ 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).

7. See more details for several species in the next page or in / Δες περισσότερες λεπτομέρειες για τα είδη στην επόμενη σελίδα ή στο

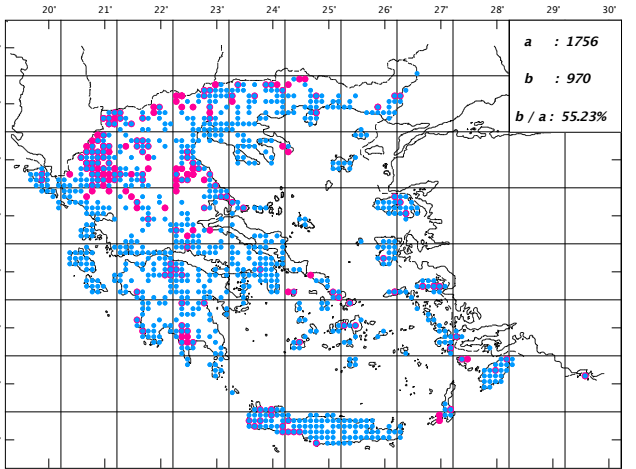
<https://pamperis.gr/butterflies-of-greece/>

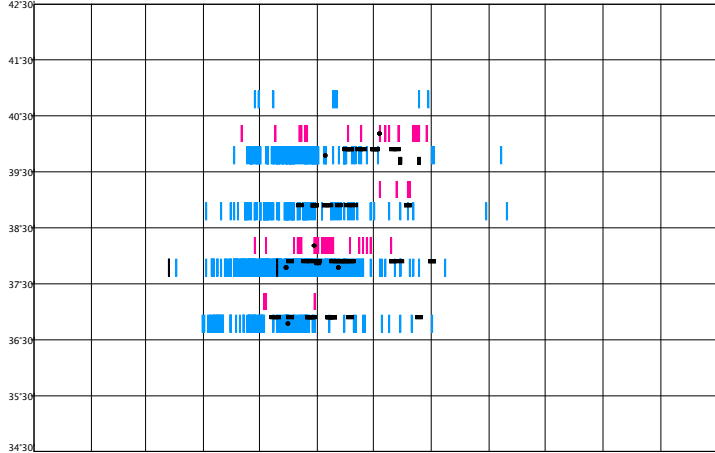
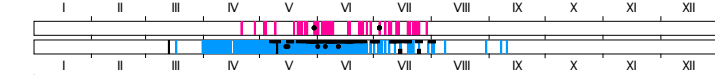
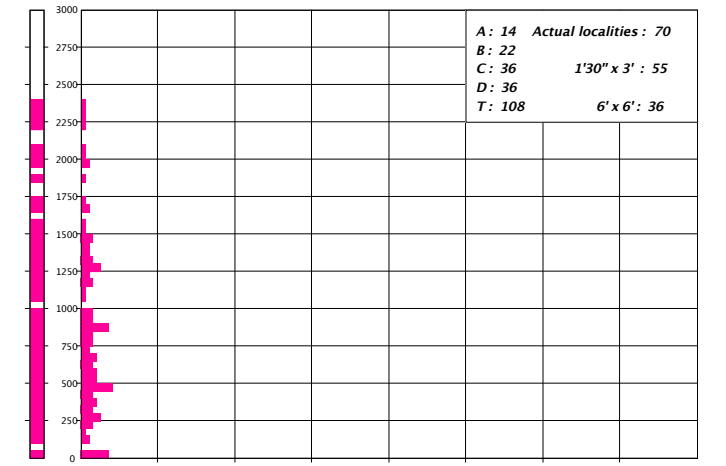
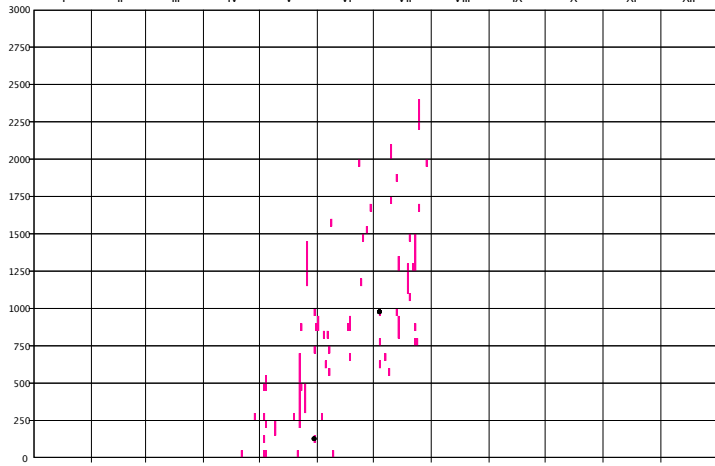
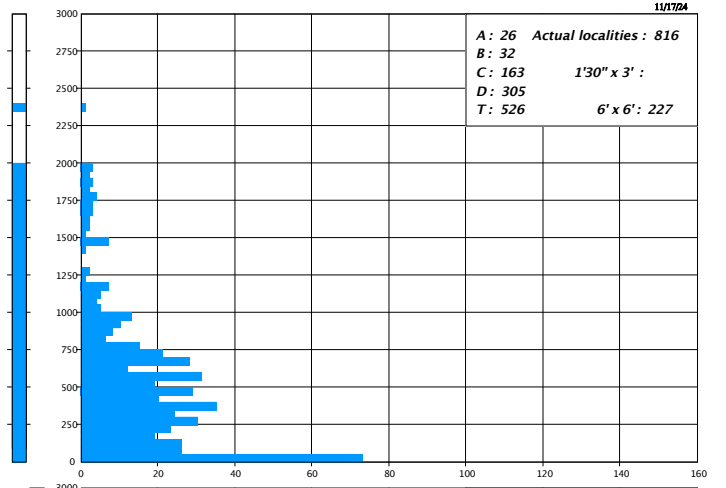
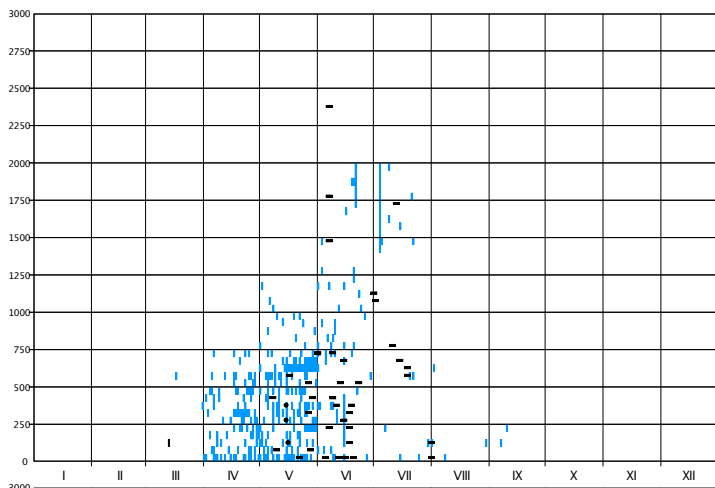
<i>Pieris napi/balcana</i> complex	<i>Thymelicus sylvestris</i> , <i>Thymelicus hyrax</i> ,
<i>Colias crocea/erate</i> complex	<i>Thymelicus lineola</i> , <i>Thymelicus acteon</i>
<i>Lepidea sinapis/juvernica</i> complex	<i>Melitaea didyma</i> , <i>Melitaea trivialis</i>
<i>Plebejus argus/idas/argyrognomon</i> complex	<i>Hipparchia fatua</i> , <i>Hipparchia statilinus</i>
<i>Polyommatus ripartii/timfristus</i> complex	<i>Hyponephele lupina</i> , <i>Hyponephele lycaon</i>
<i>Melitaea athalia/aurelia</i> complex	<i>Lasiommata maera</i> , <i>Lasiommata megera</i> ,
<i>Hipparchia fagi/syriaca</i> complex	<i>Lasiommata petropolitana</i>
<i>Hipparchia</i>	<i>Melitaea phoebe</i> , <i>Melitaea ornata</i>
<i>synthes/volgensis/cretica/christenseni/mersinensis</i> complex	<i>Polyommatus escheri</i> , <i>Polyommatus</i>
<i>Pseudochazara anthelea/amalthea</i> complex	<i>thersites</i>
<i>Maniola telmessia/chia/hallicarnassus</i> complex	<i>Polyommatus icarus</i> , <i>Polyommatus eros</i>
<i>Gegenes pumilio/nostrodamus</i> complex	<i>Aricia agestis</i> , <i>Aricia artaxerxes</i> , <i>Aricia</i>
<i>Pyrgus armoricanus/alveus</i> complex	<i>anteros</i>
<i>Muschampia alta/proteides</i> complex	<i>Lysandra coridon</i> , <i>Lysandra bellargus</i>
<i>Muschampia orientalis/floccifera</i> complex	<i>Gonepteryx</i>
	<i>Pyrgus</i>
	<i>Carcharodus</i>
	<i>Muschampia</i>
	<i>Lycaena</i>
	<i>Pseudochazara</i>
	<i>Colias alfacariensis</i> , <i>Colias crocea</i>
	<i>Erebia neleus</i> , <i>Erebia ottomana</i>



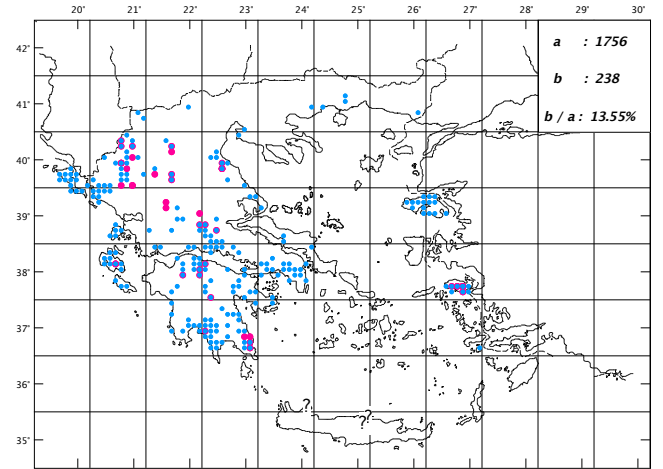


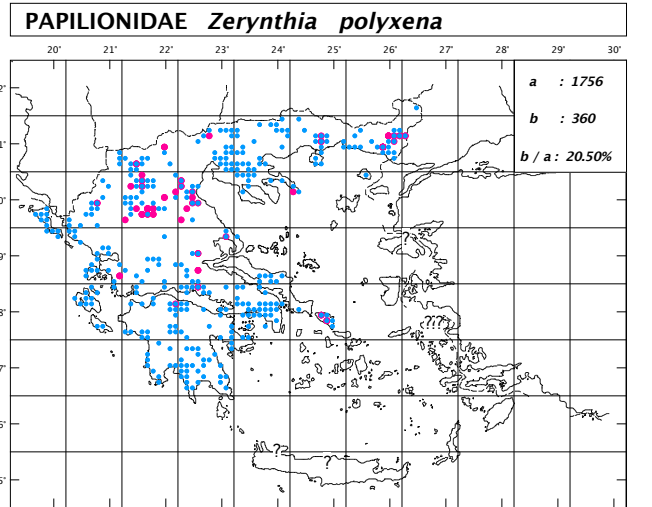
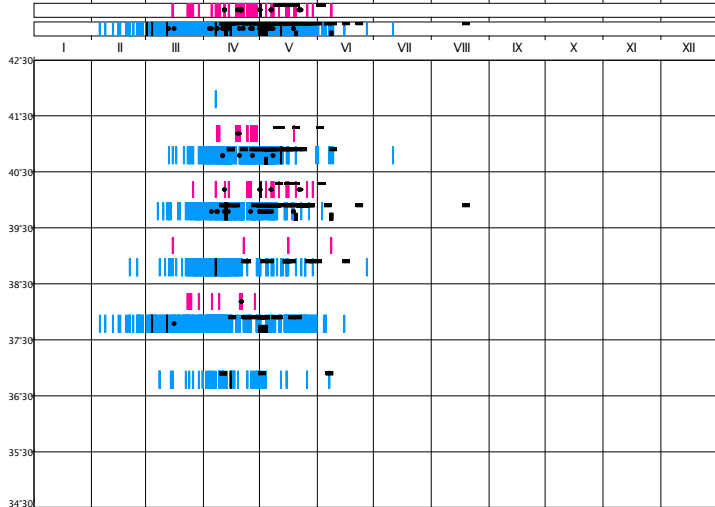
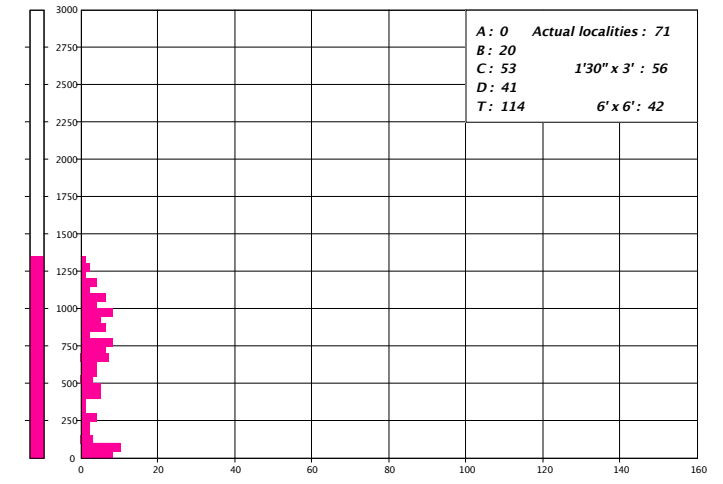
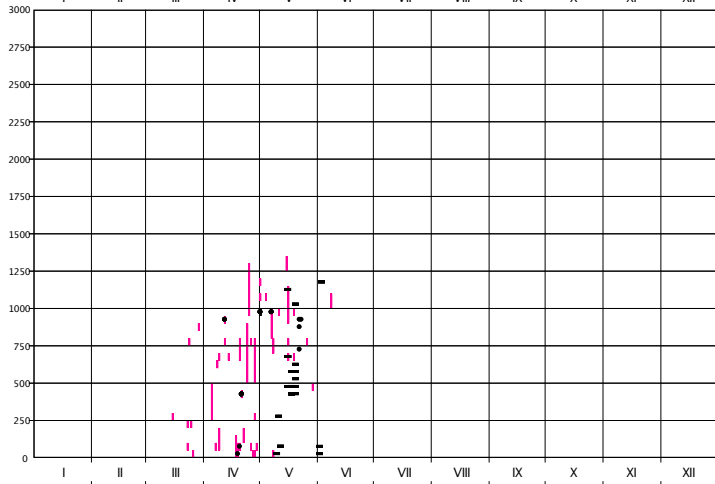
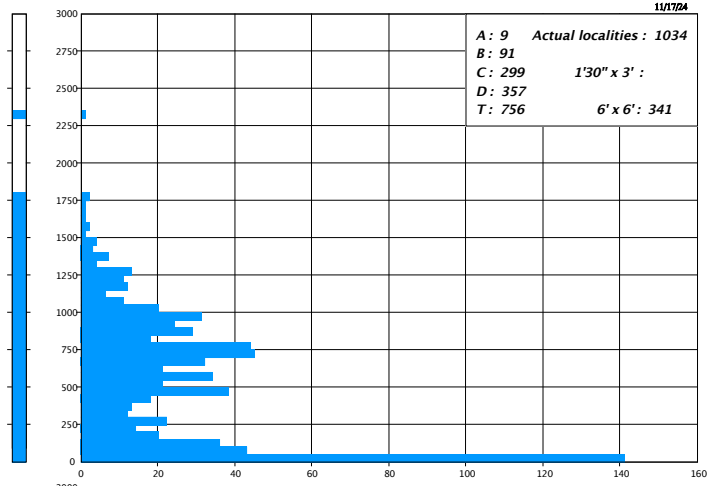
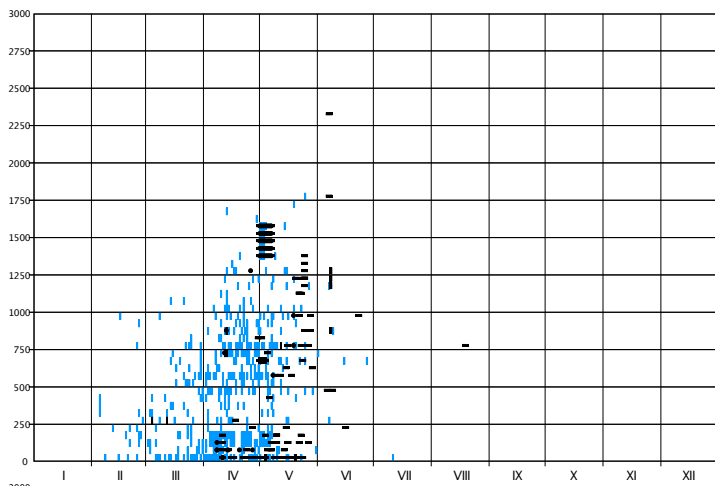
PAPILIONIDAE *Papilio machaon*

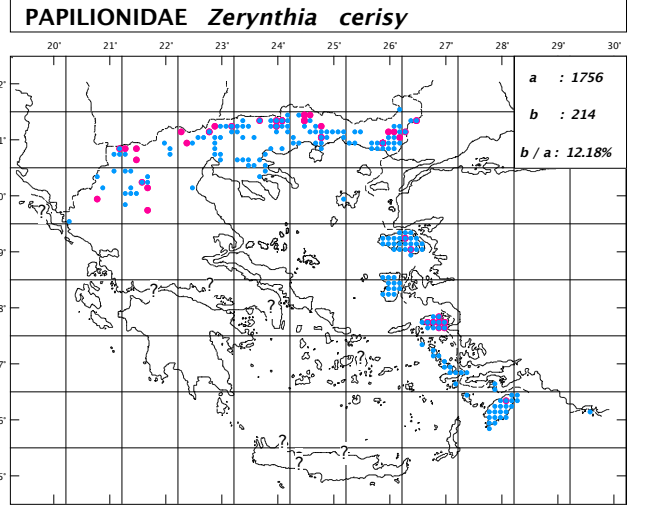
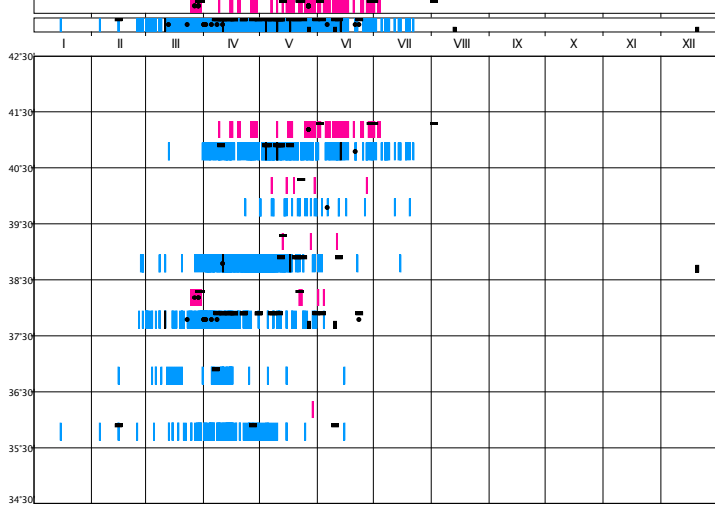
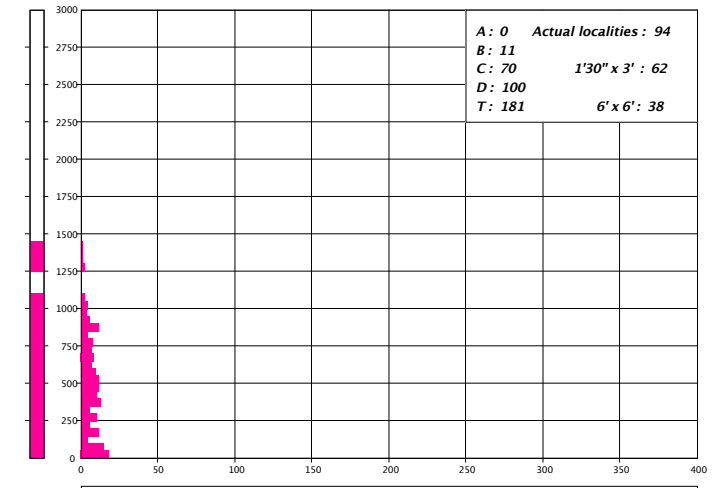
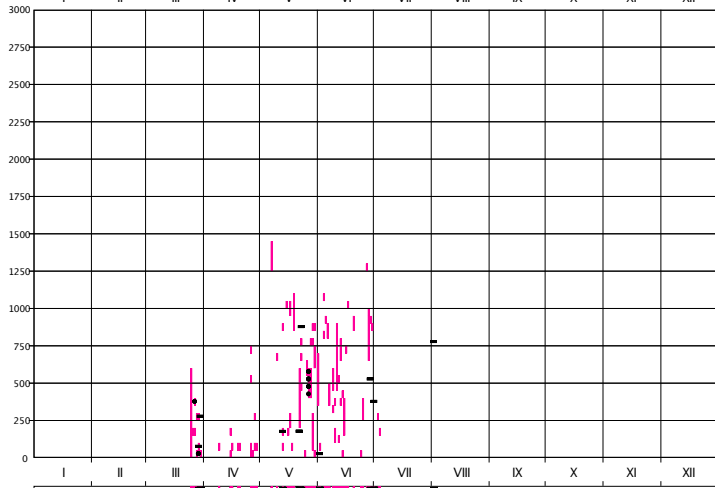
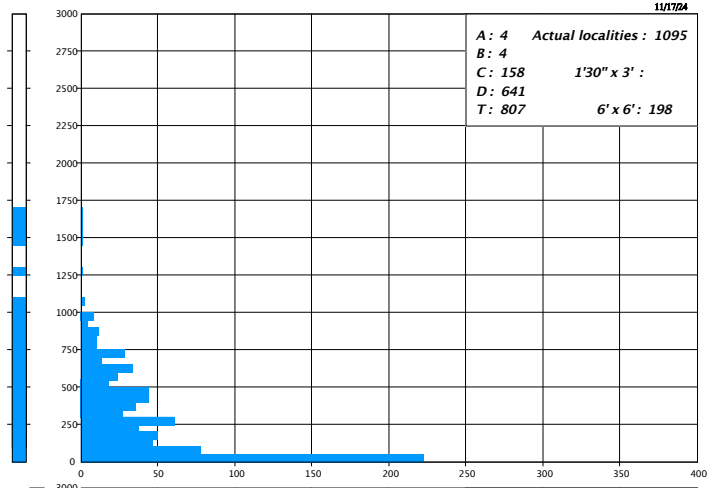
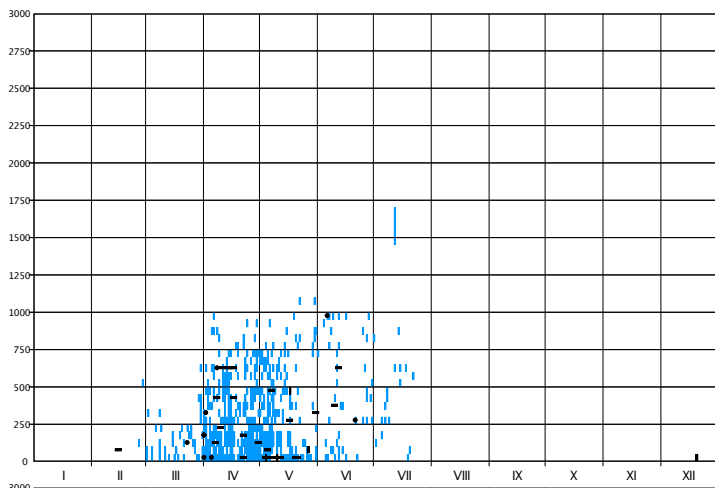


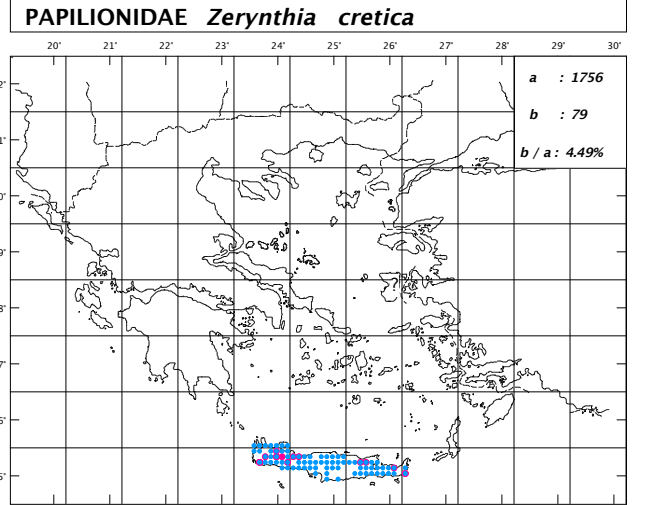
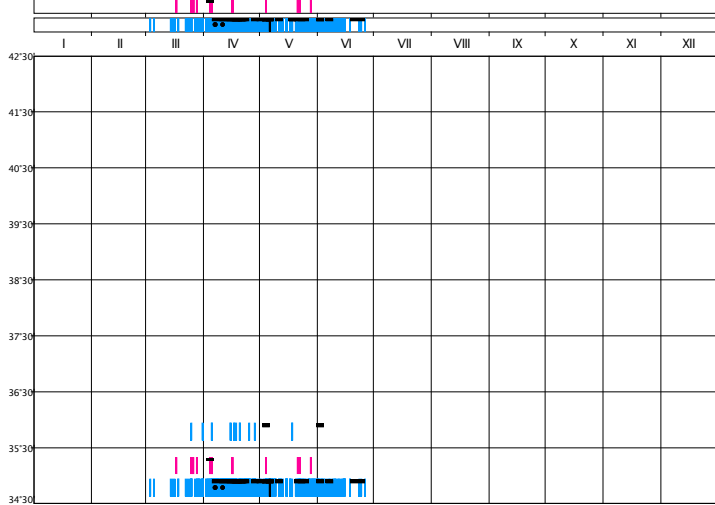
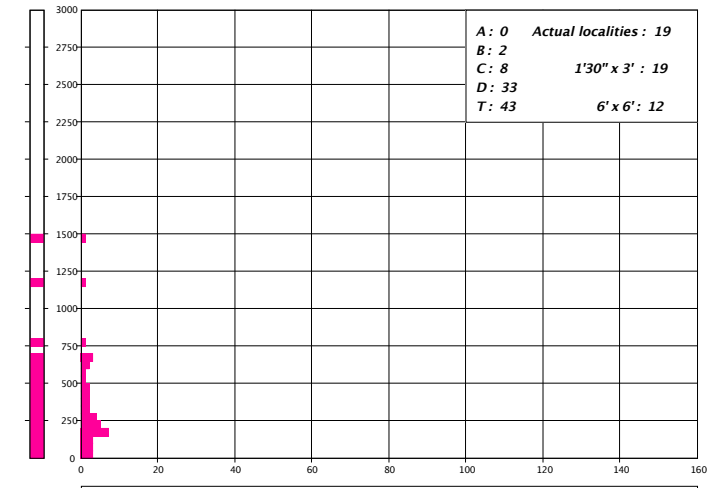
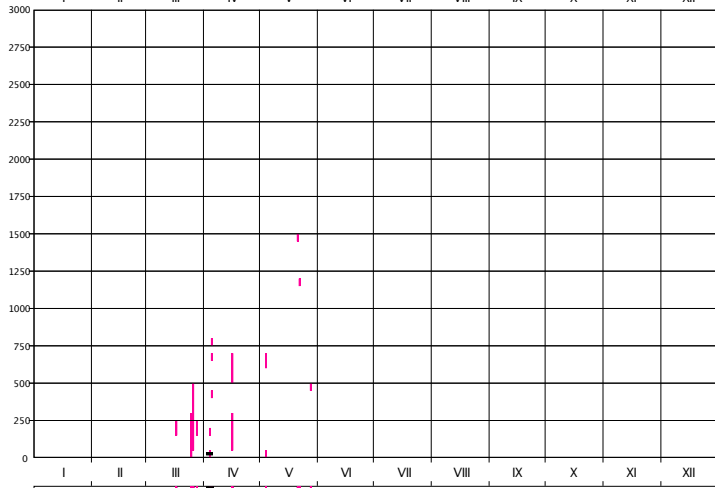
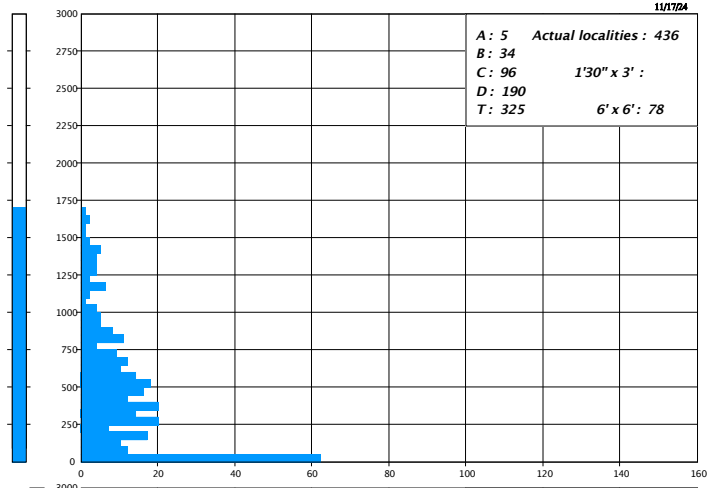
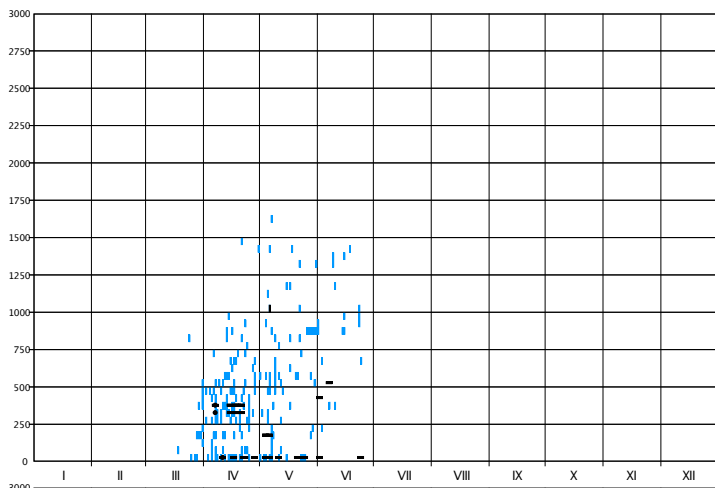


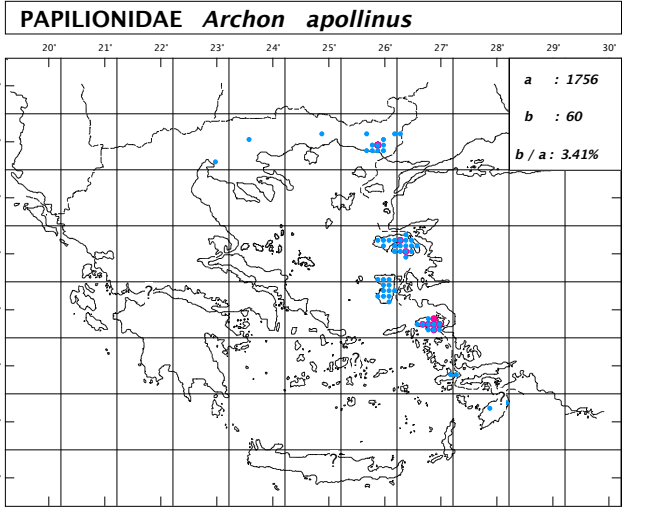
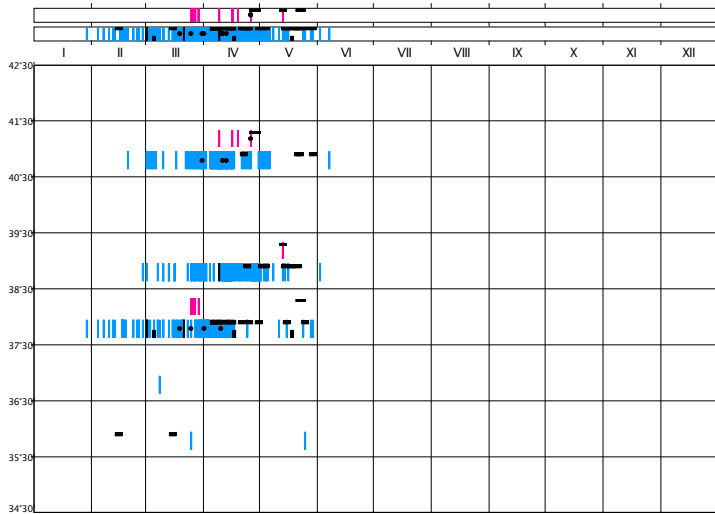
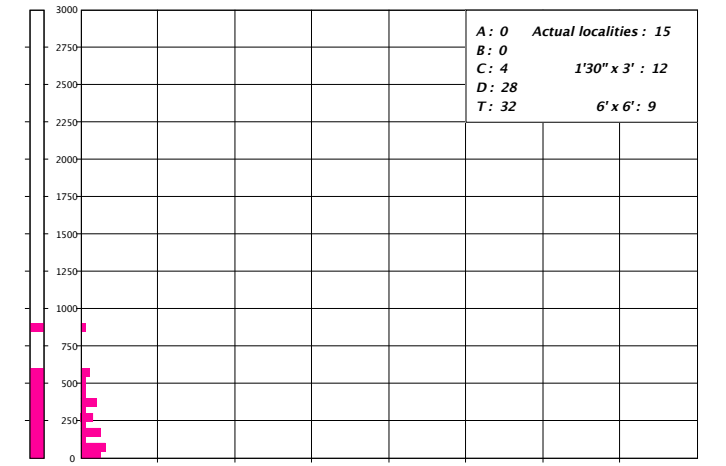
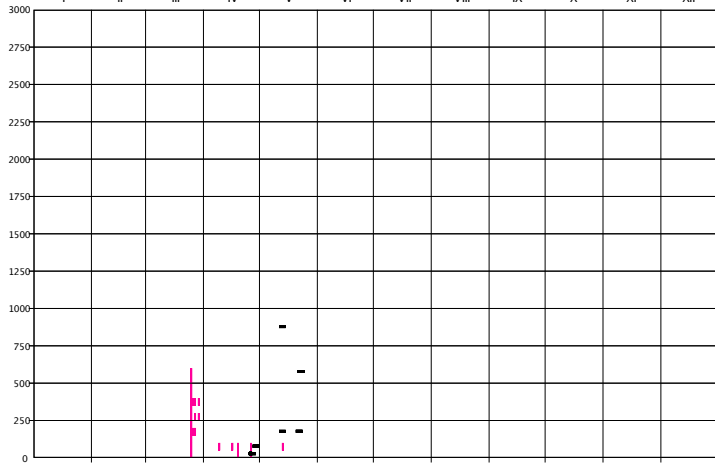
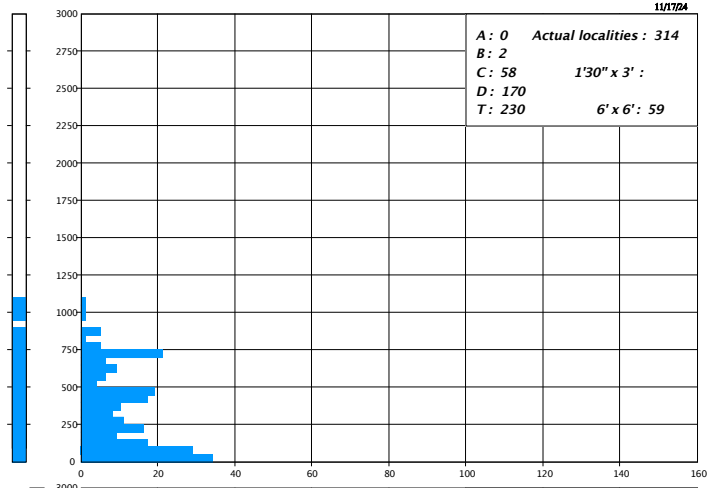
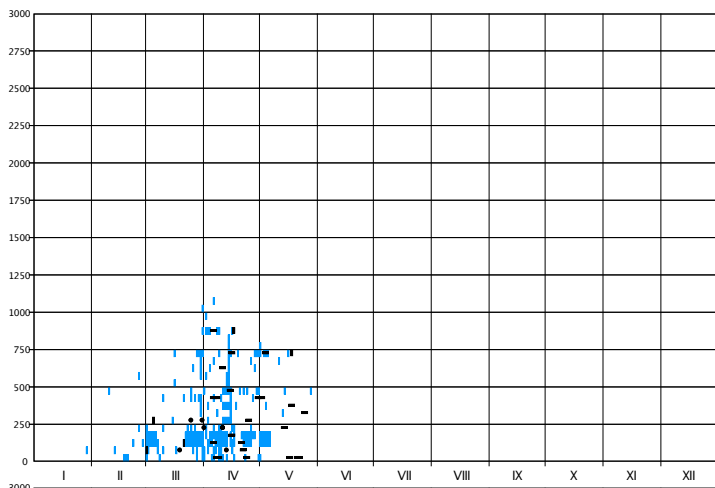
PAPILIONIDAE *Papilio alexanor*

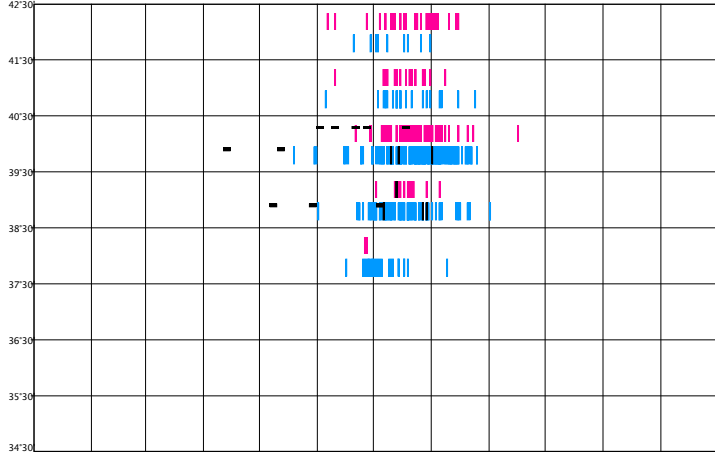
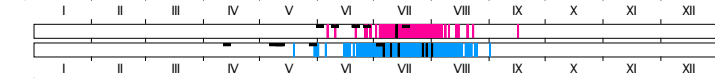
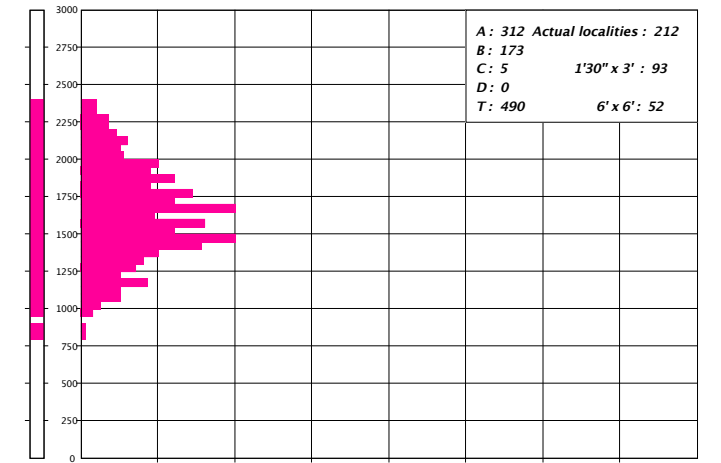
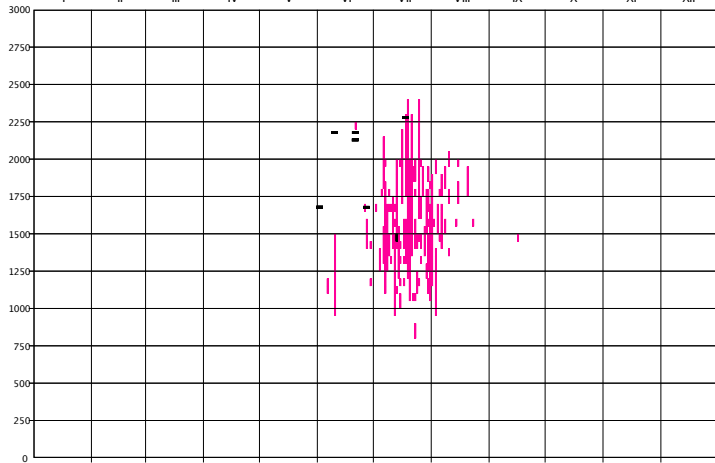
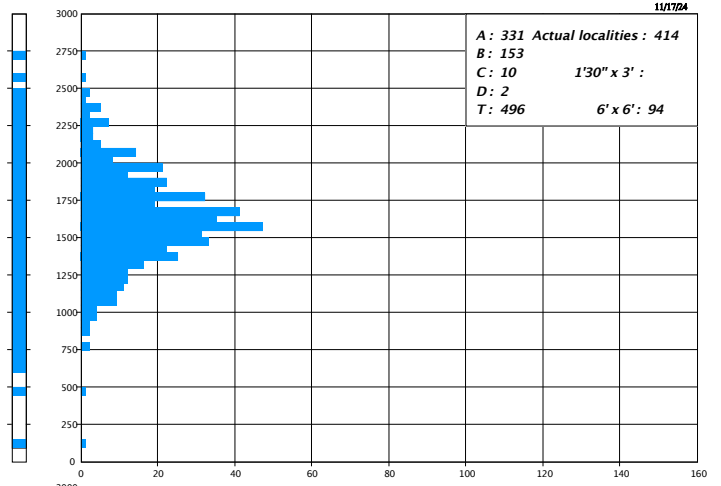
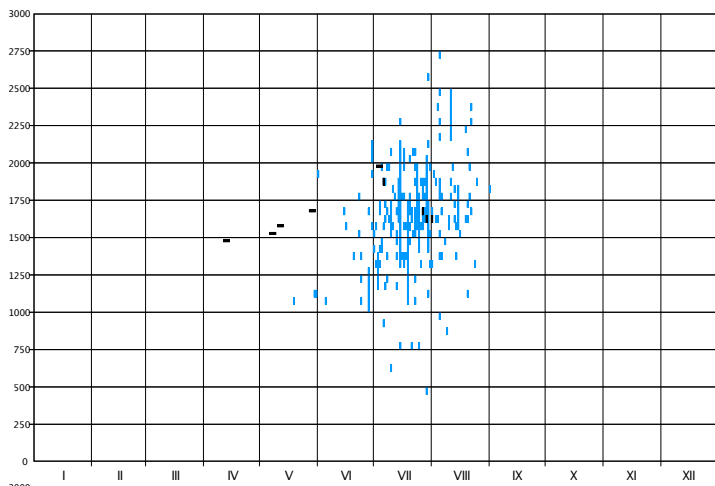




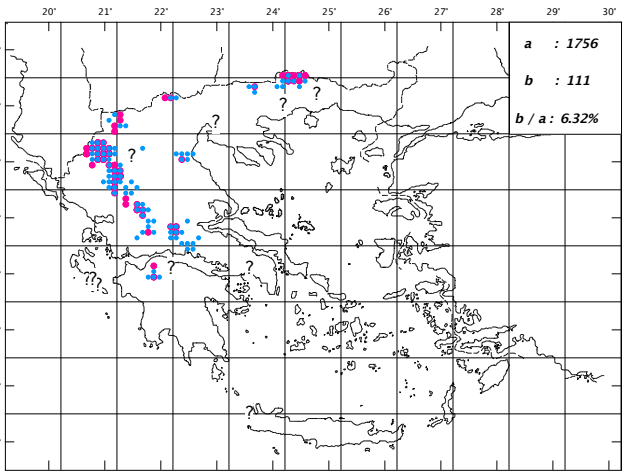


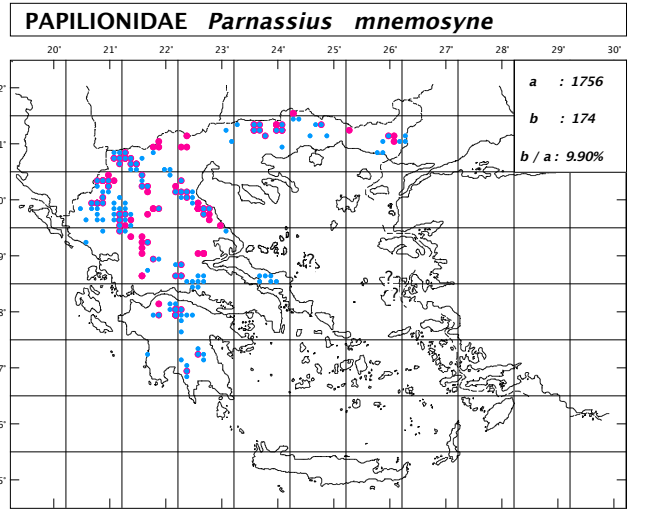
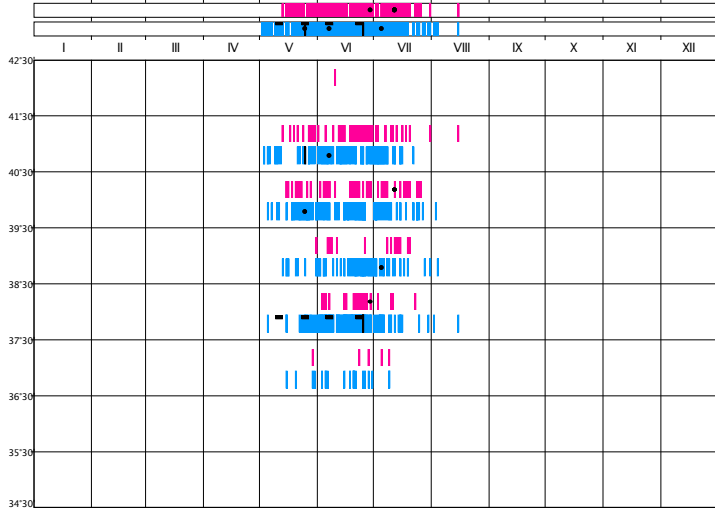
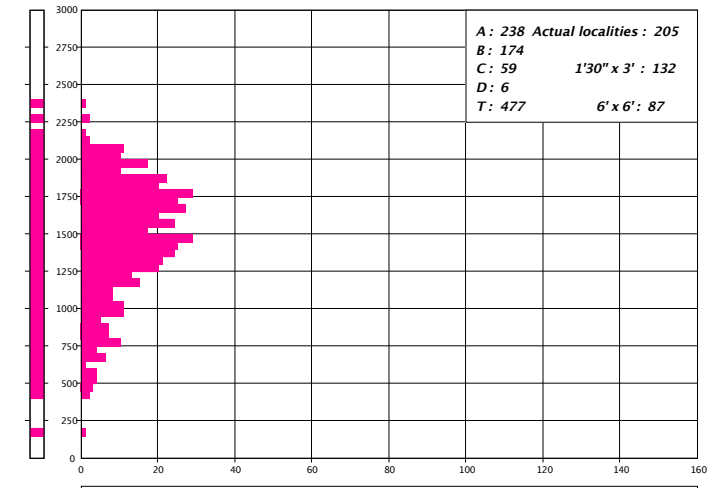
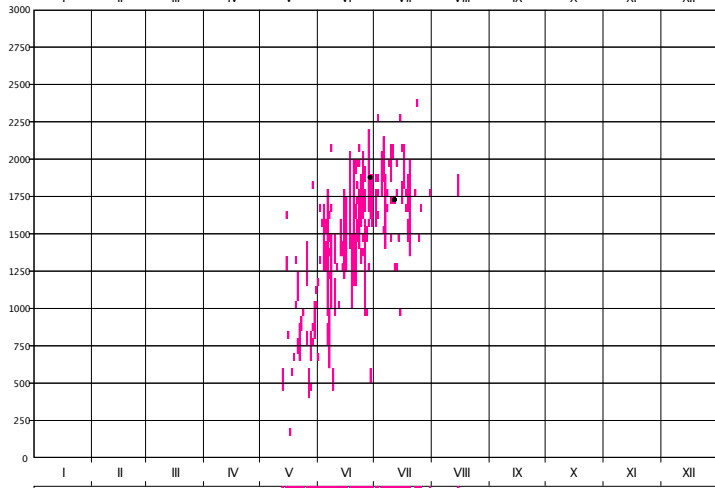
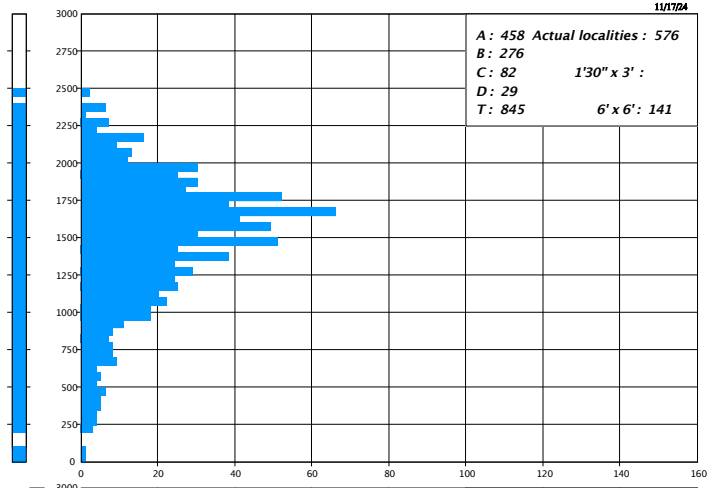
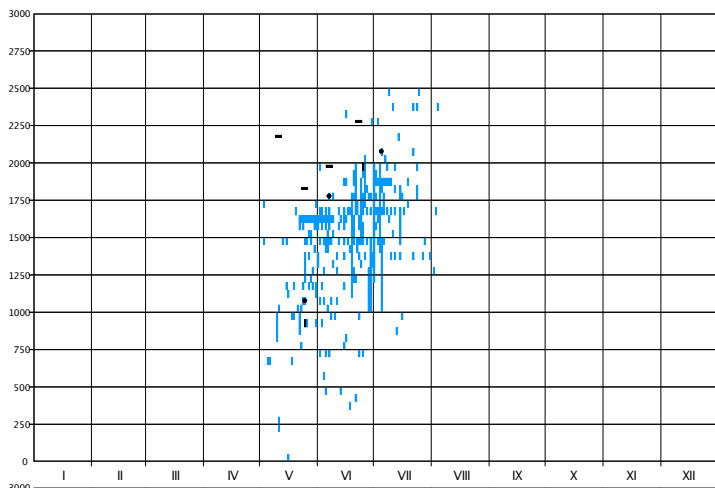


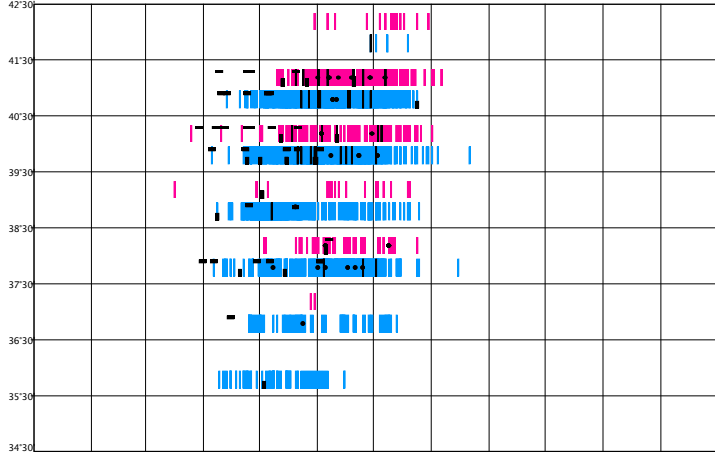
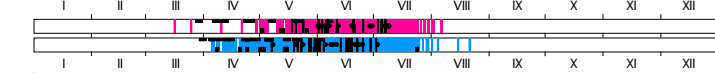
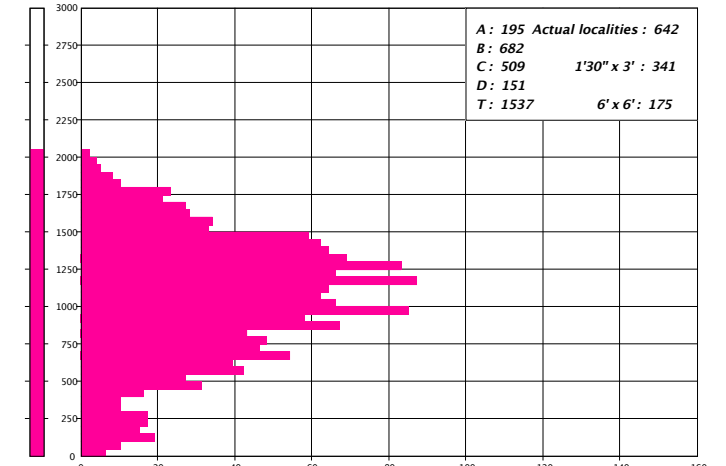
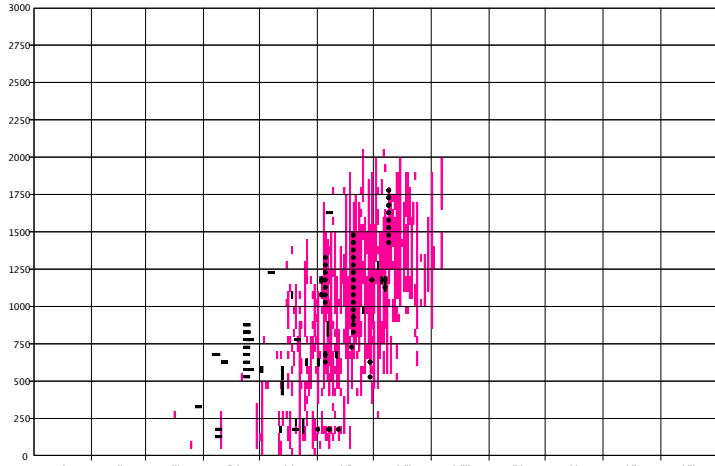
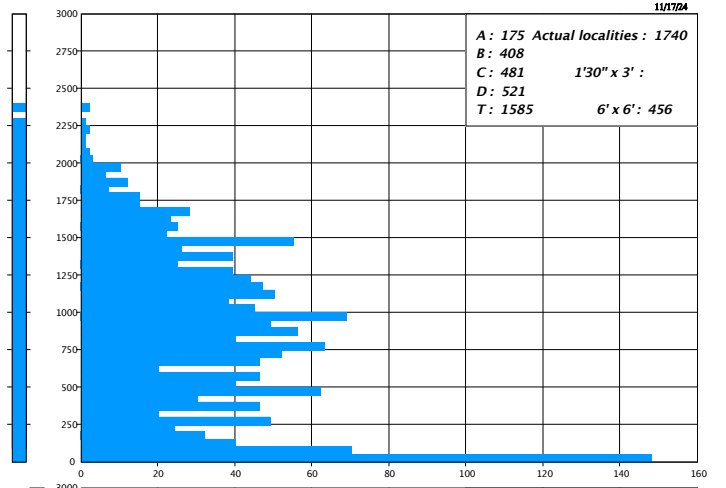
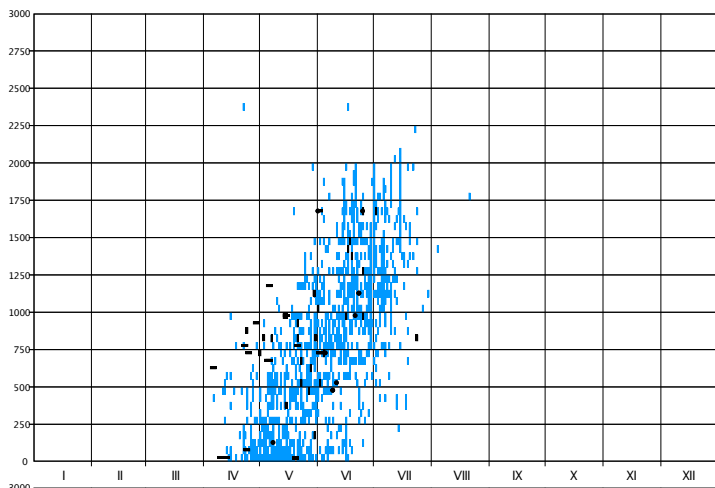




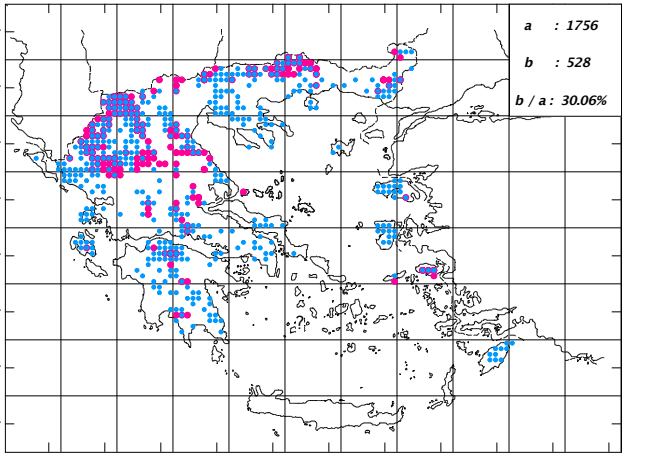
PAPILIONIDAE *Parnassius apollo*

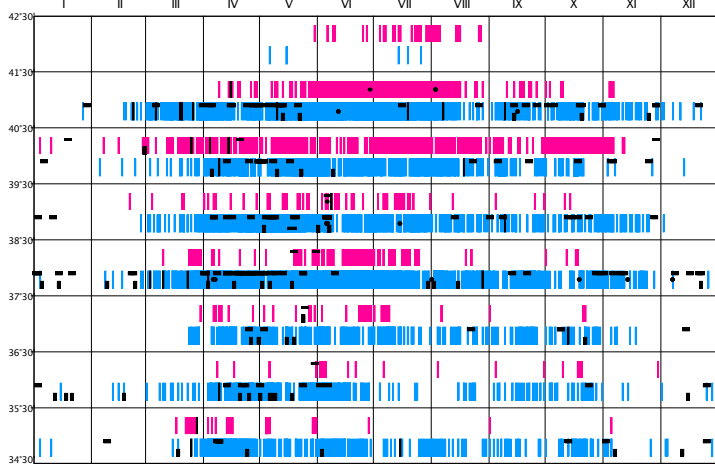
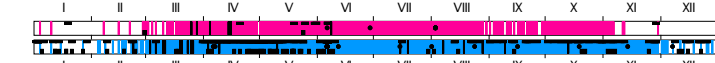
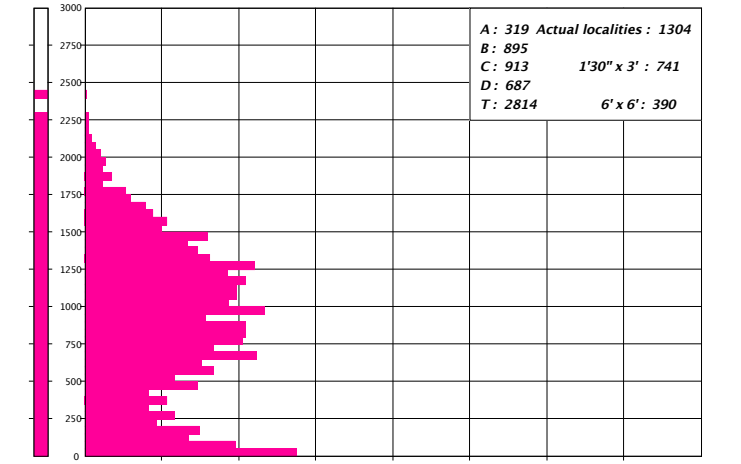
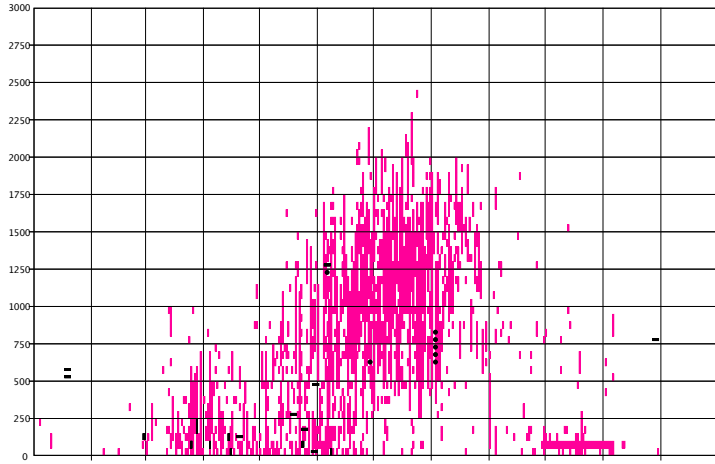
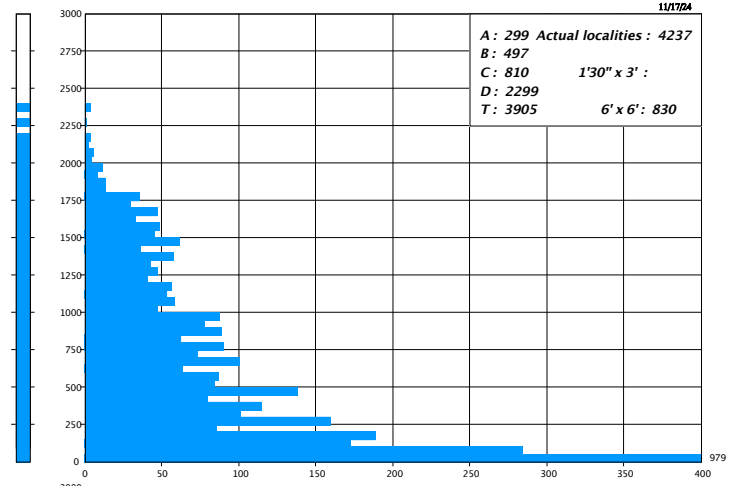
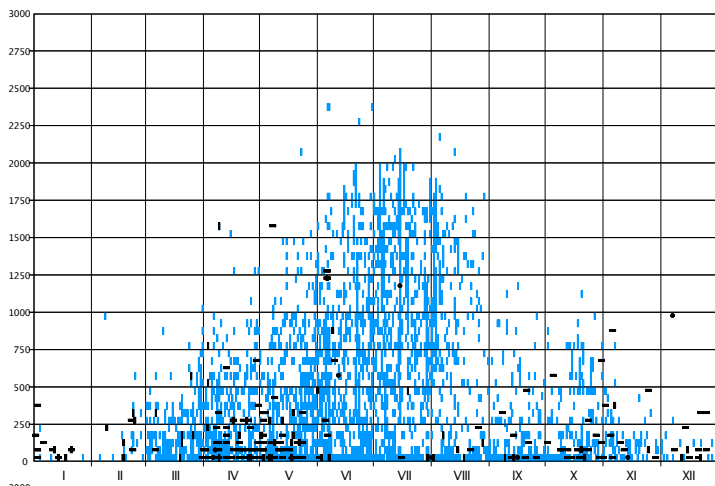




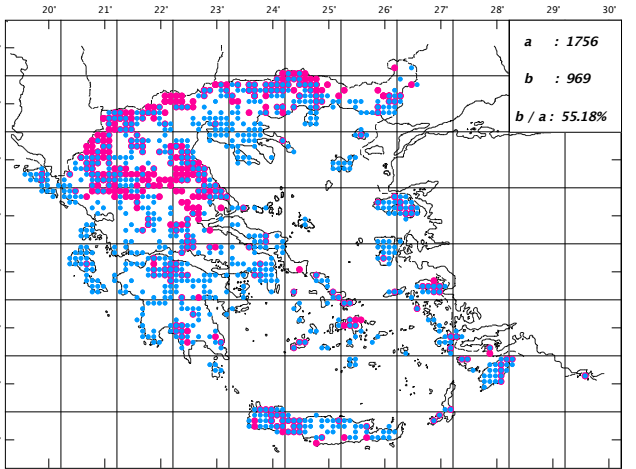


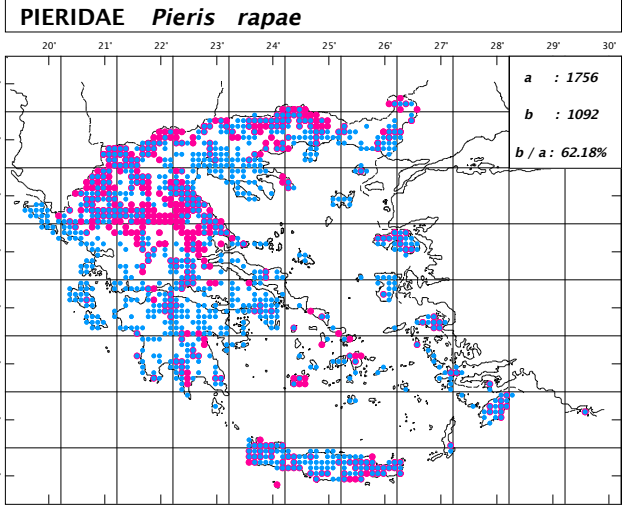
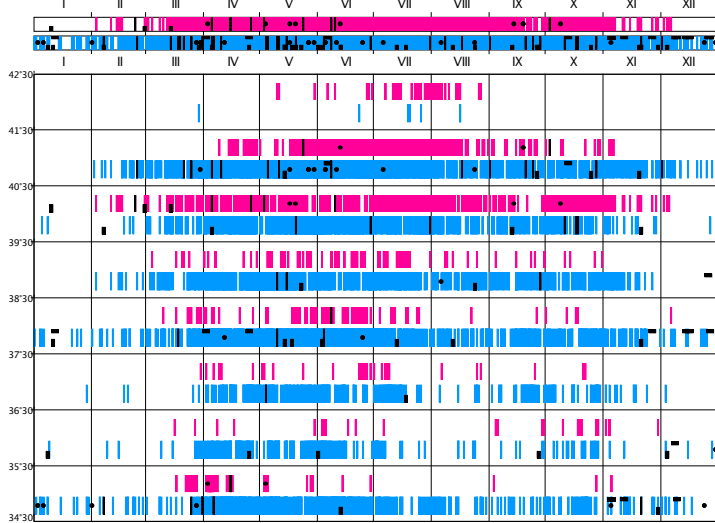
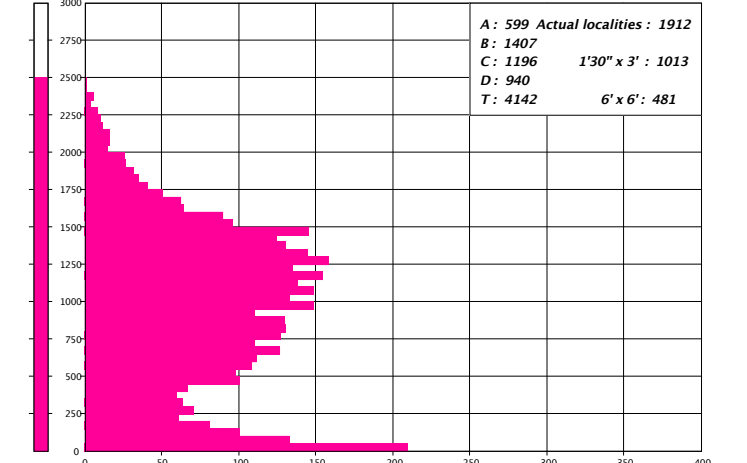
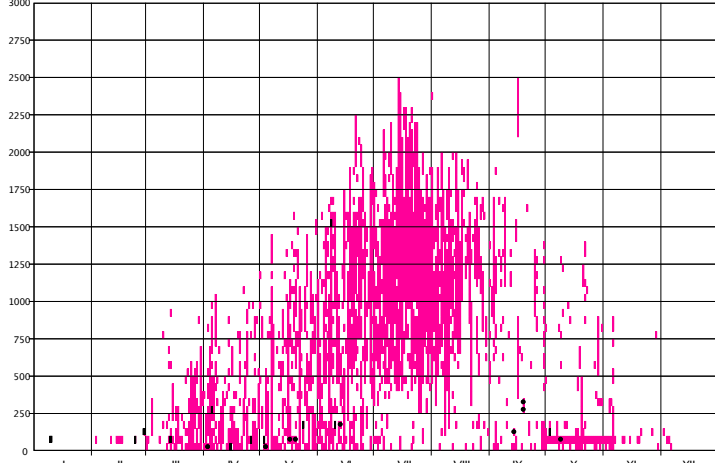
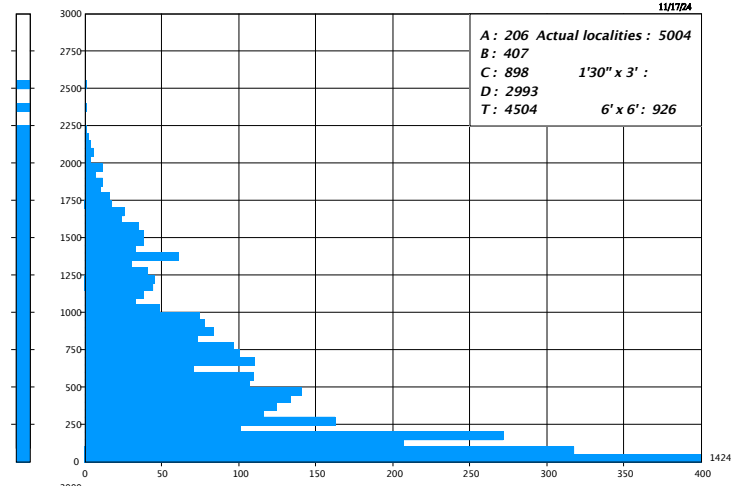
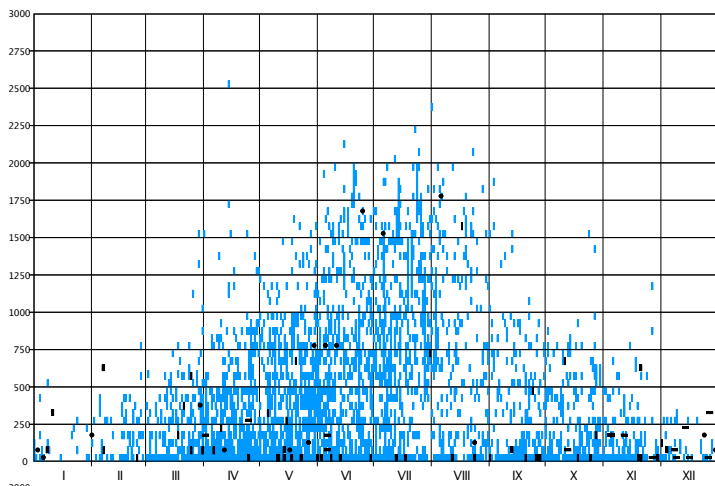
PIERIDAE *Aporia crataegi*

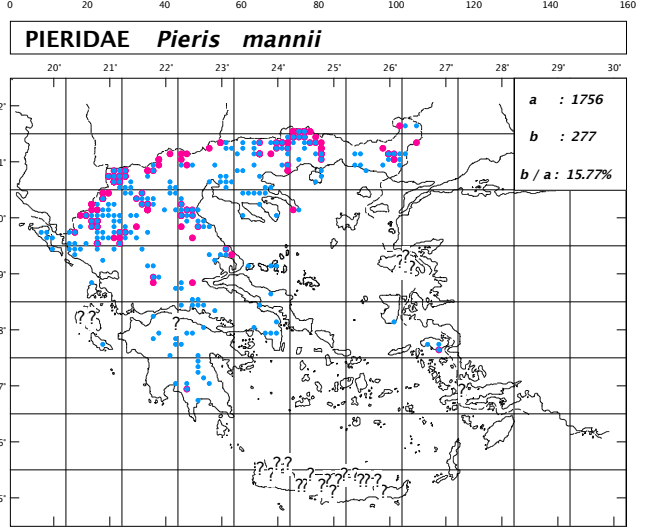
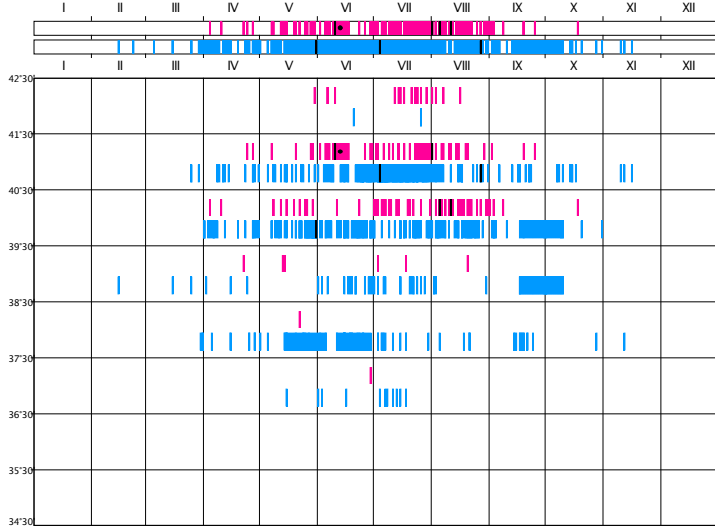
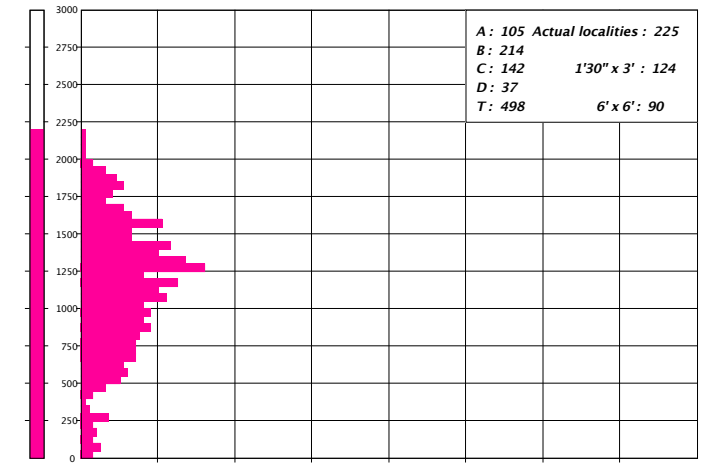
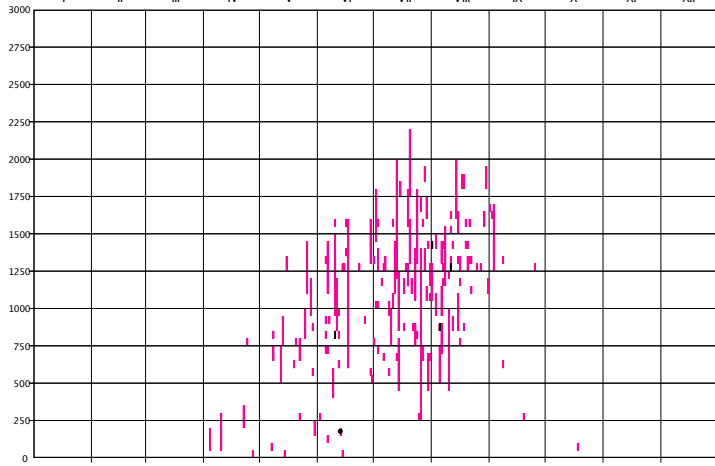
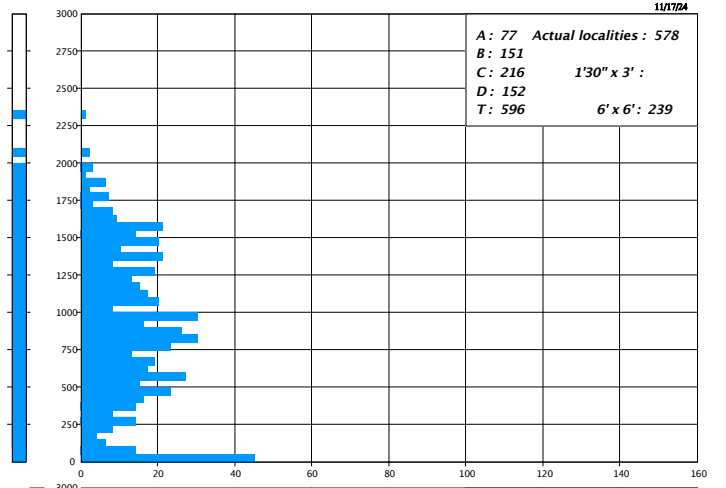
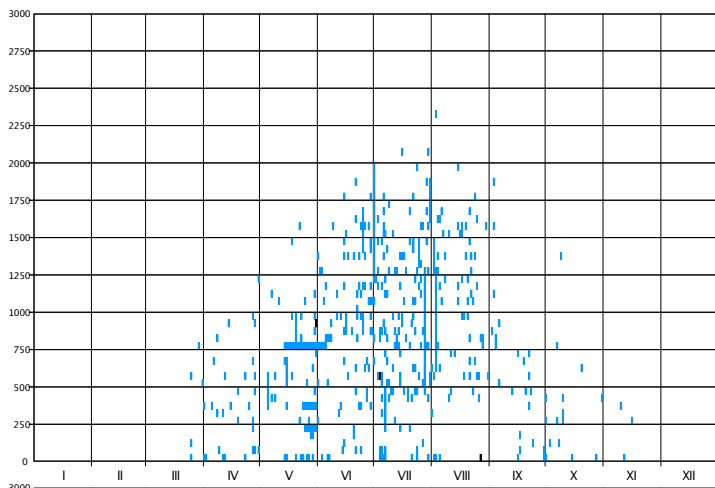


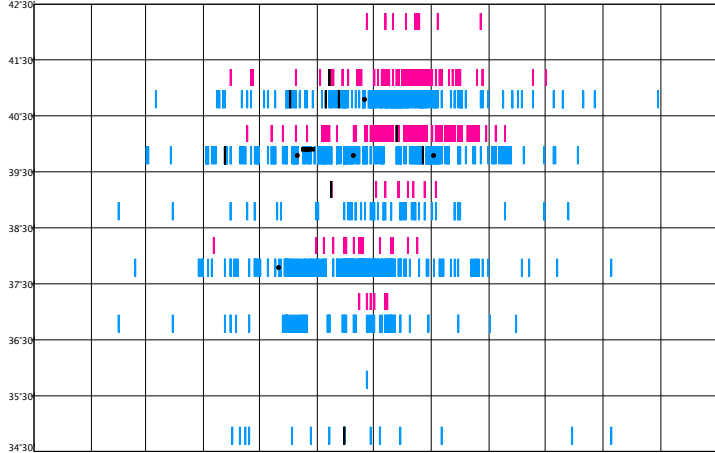
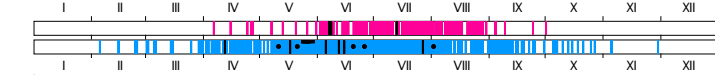
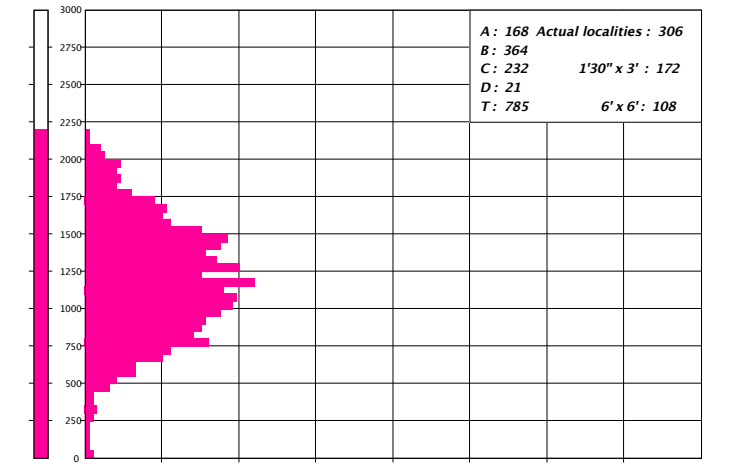
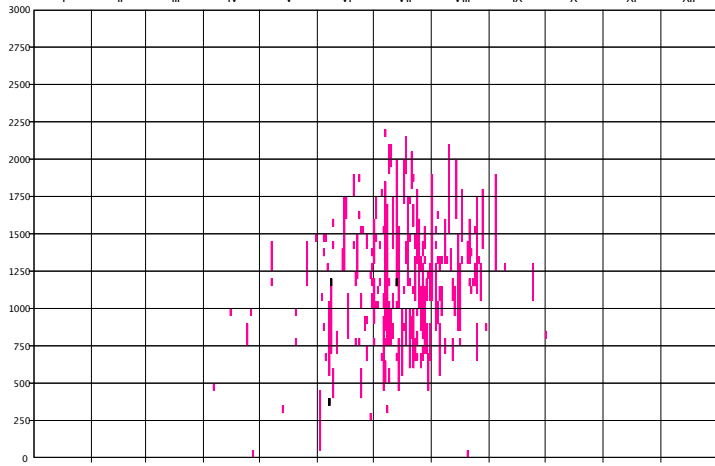
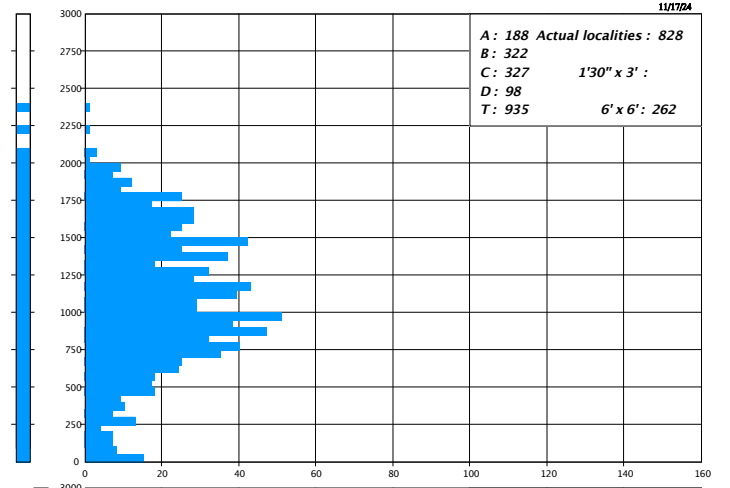
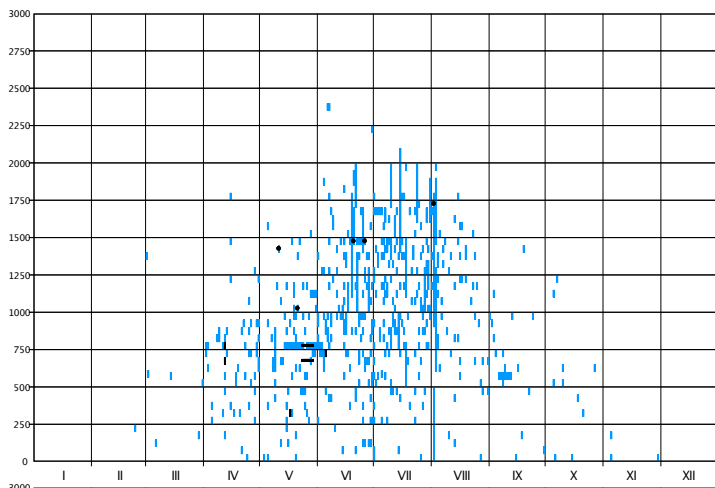


PIERIDAE *Pieris brassicae*

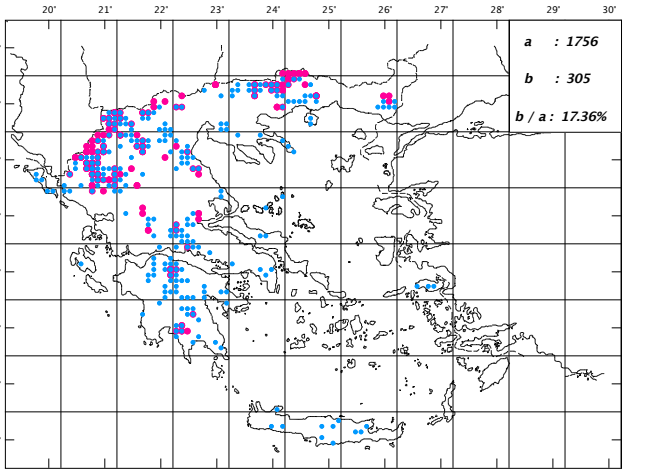


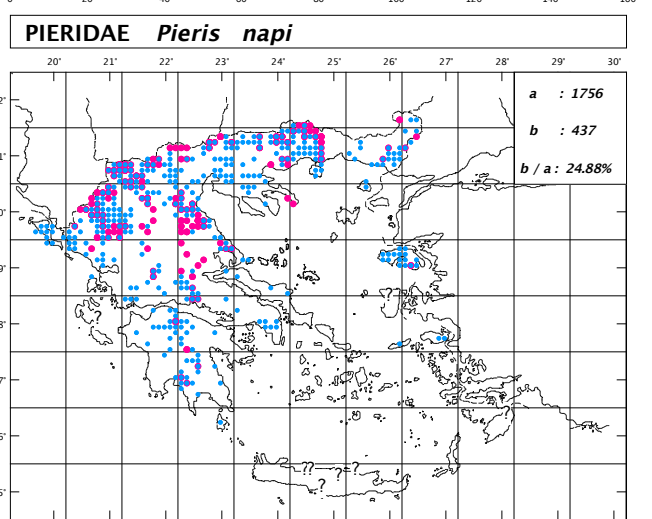
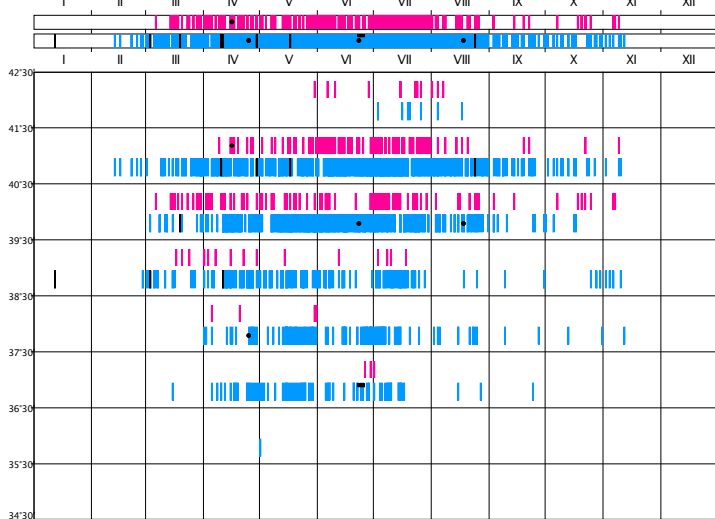
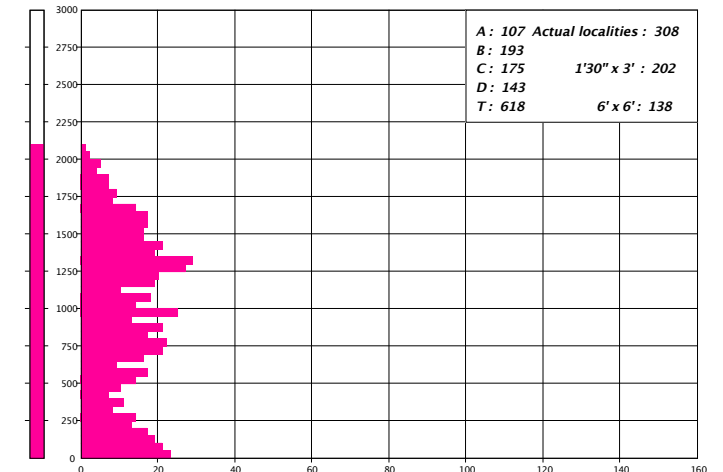
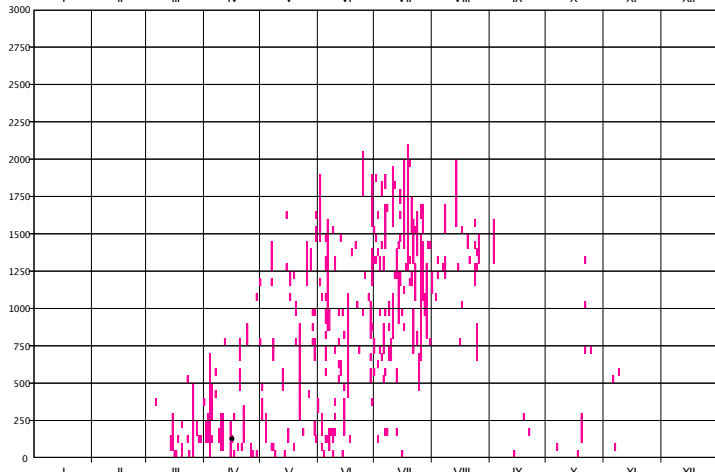
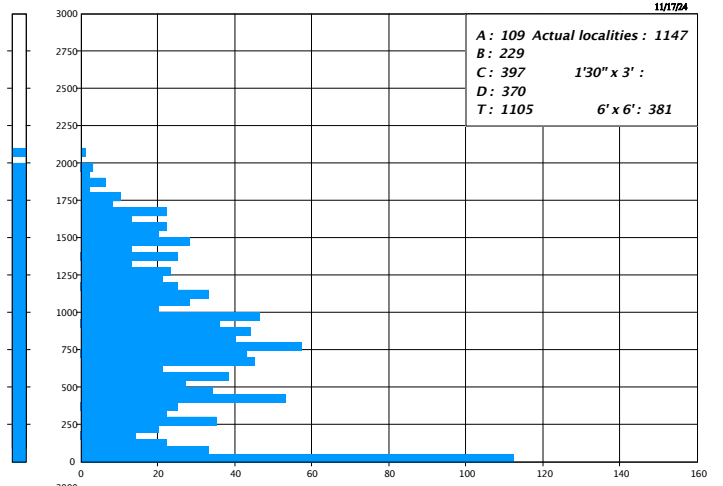
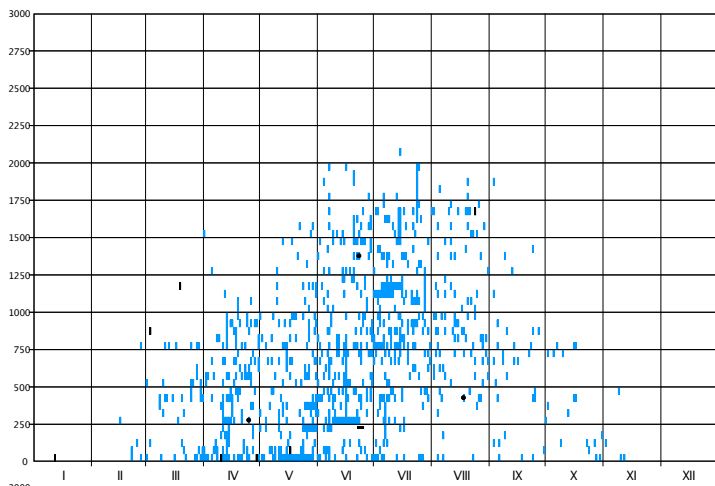


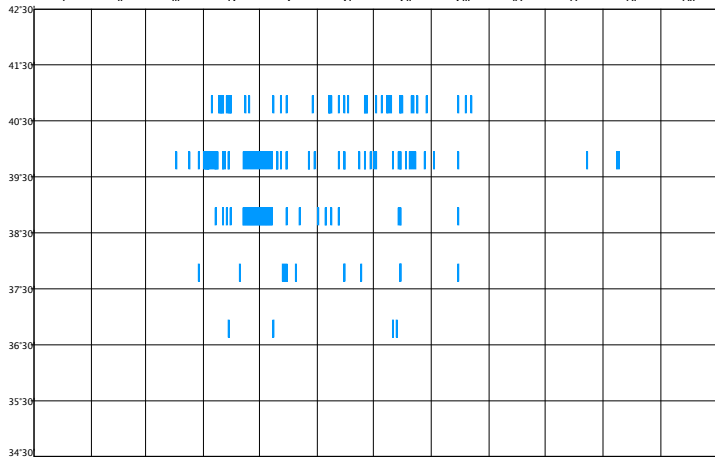
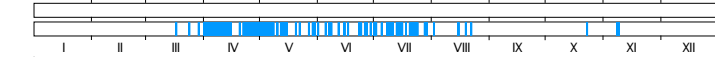
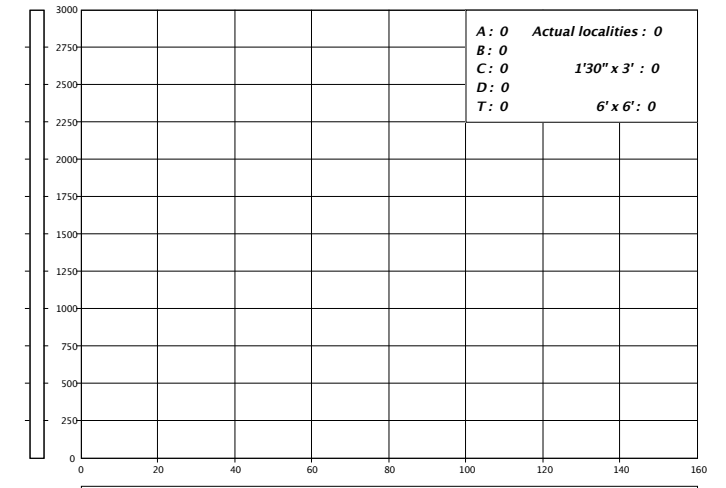
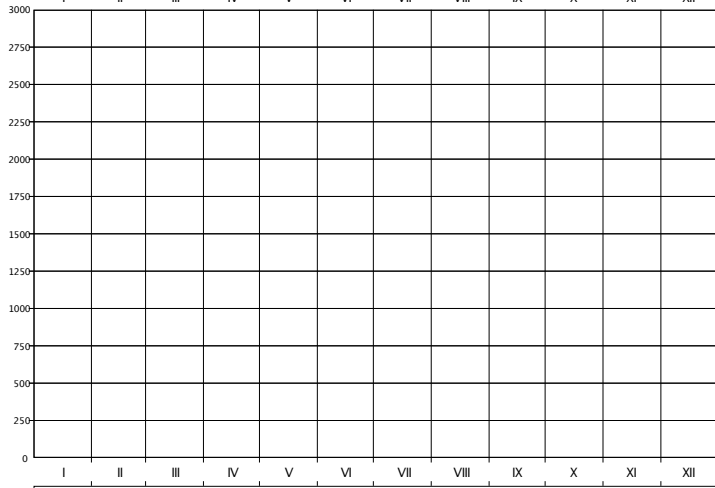
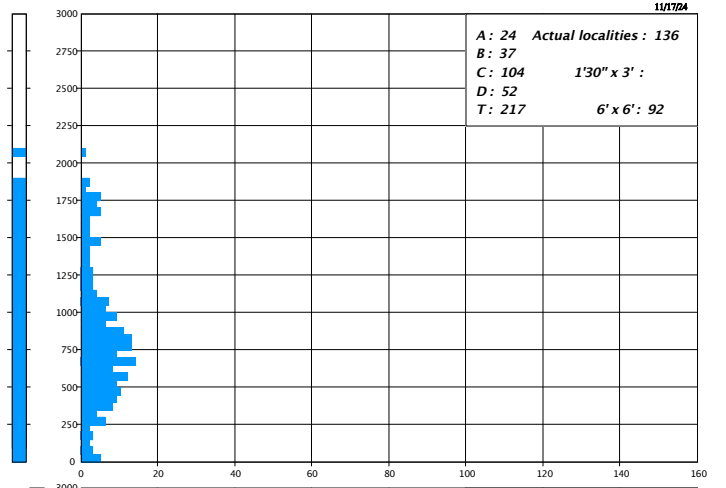
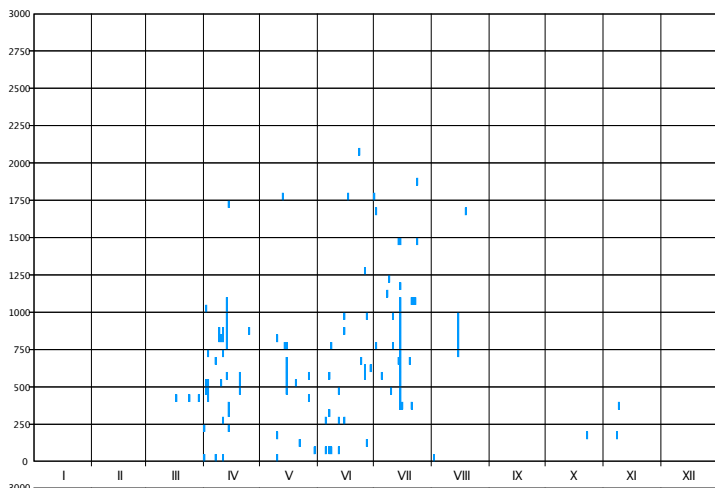




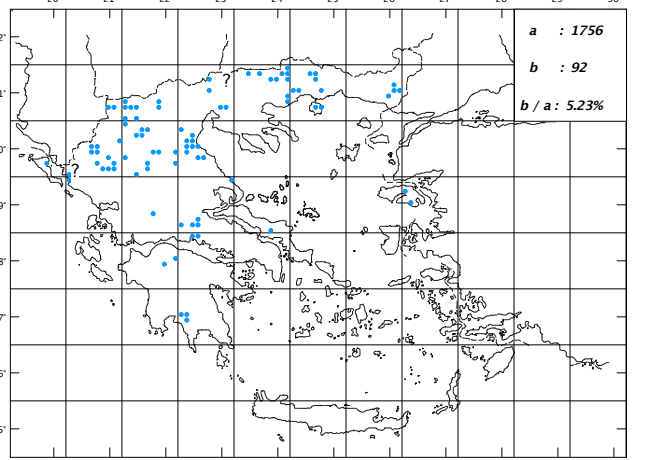
PIERIDAE *Pieris ergane*

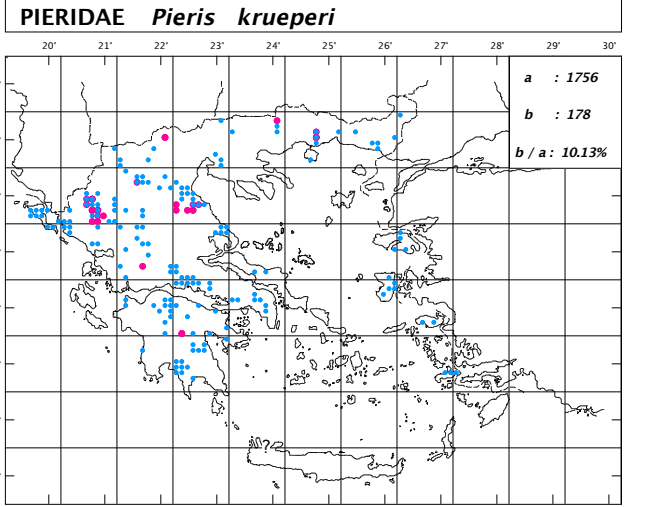
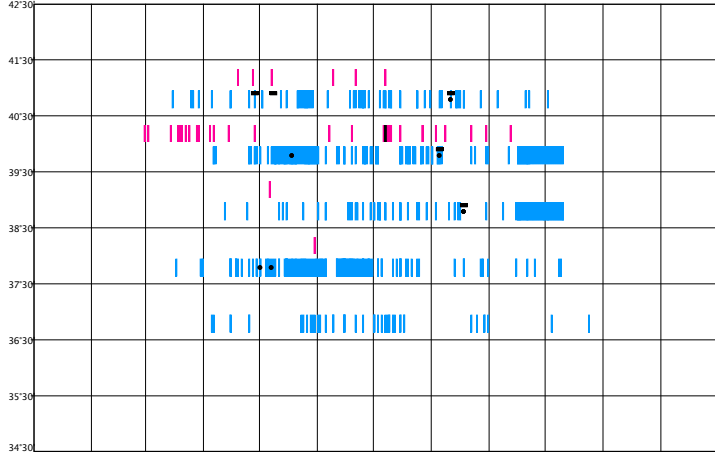
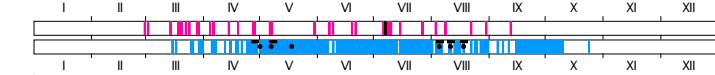
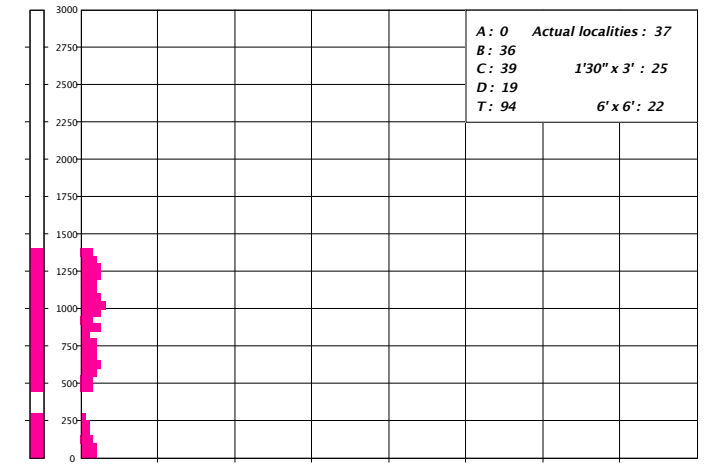
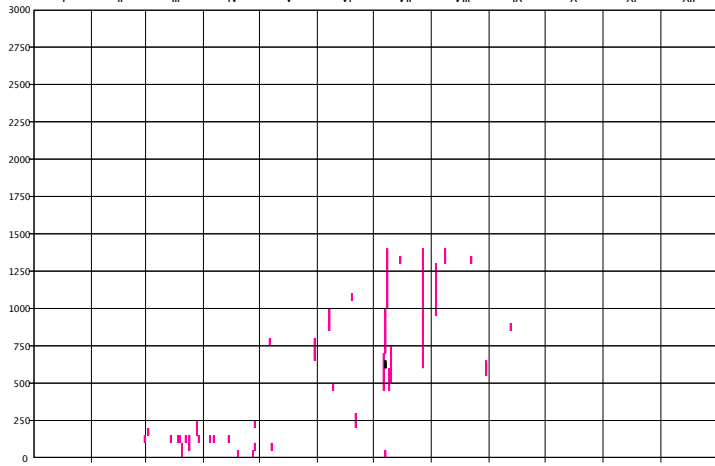
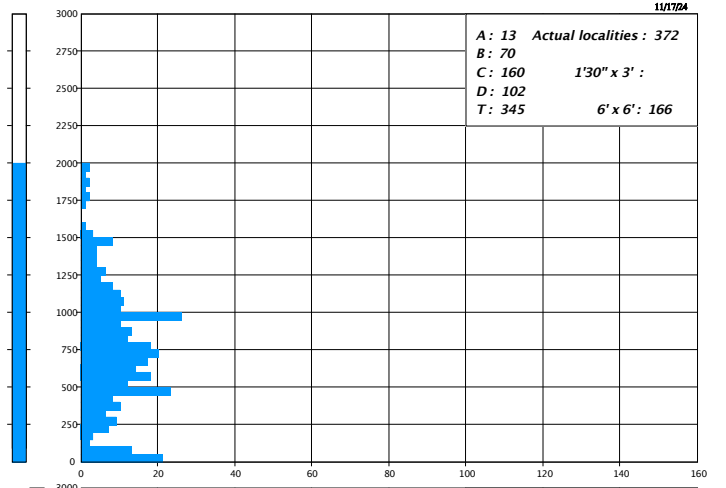
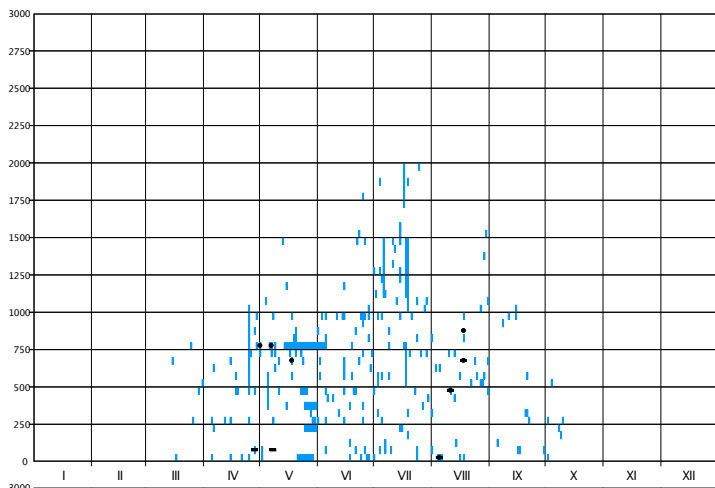


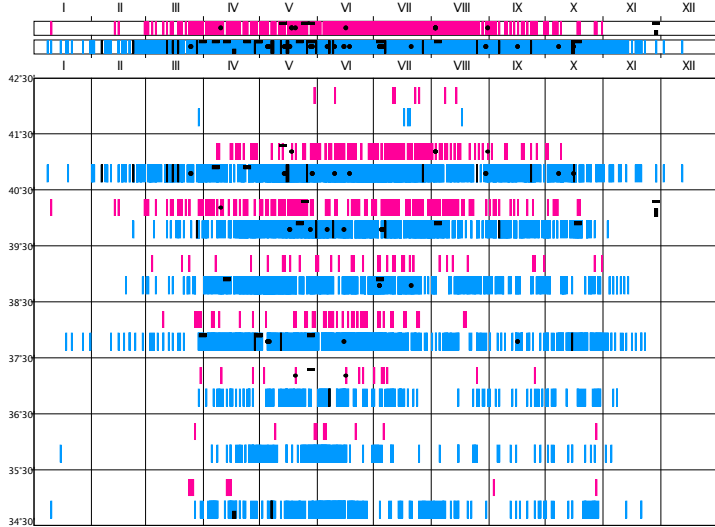
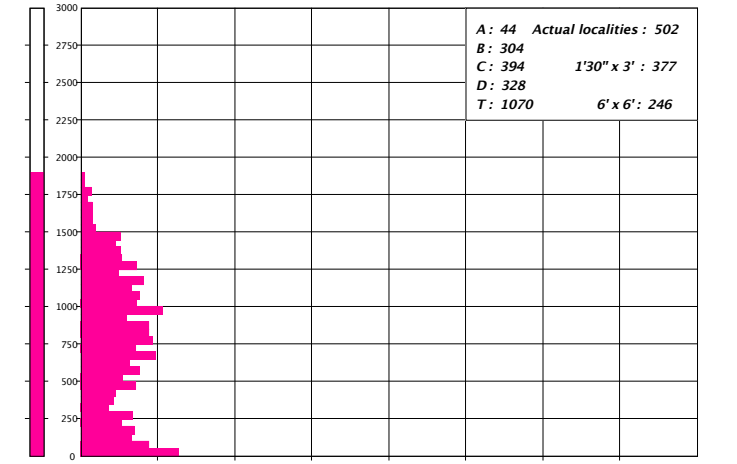
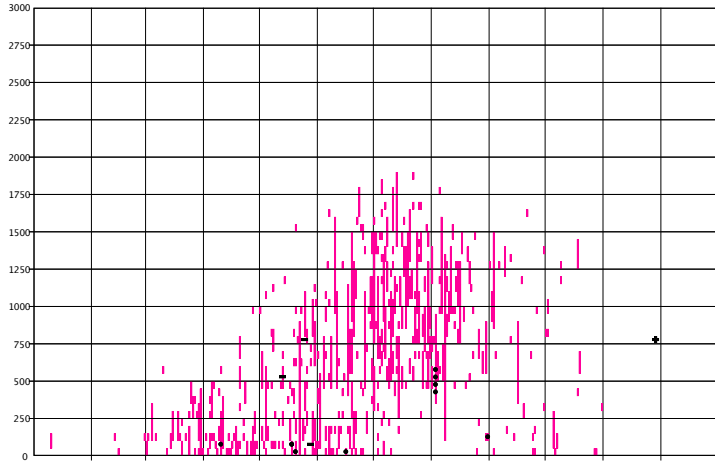
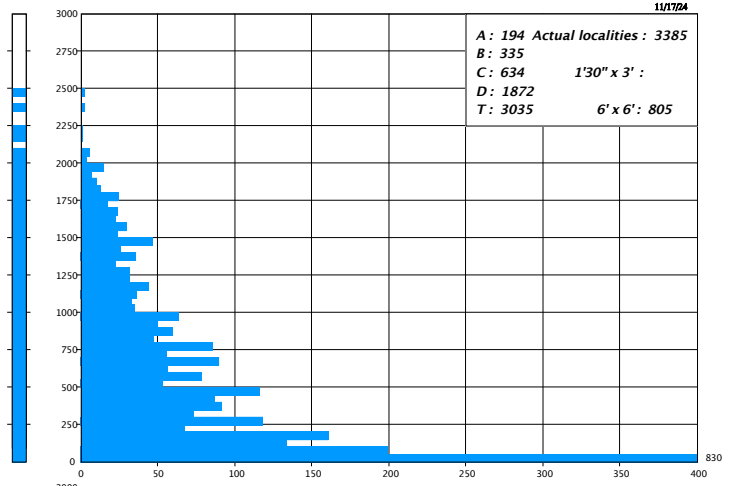
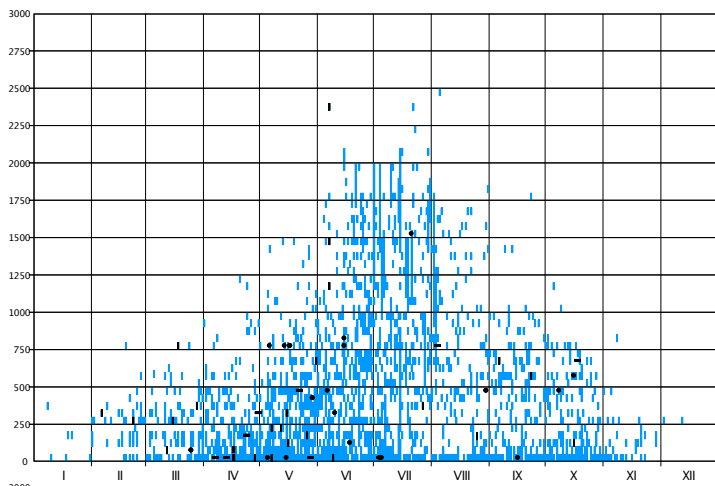




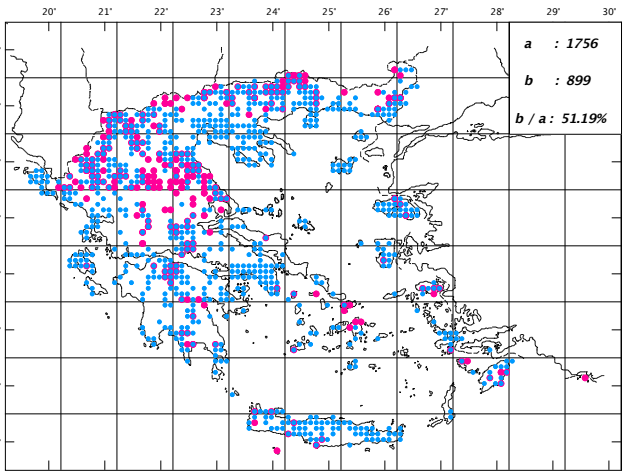
PIERIDAE *Pieris balcana*

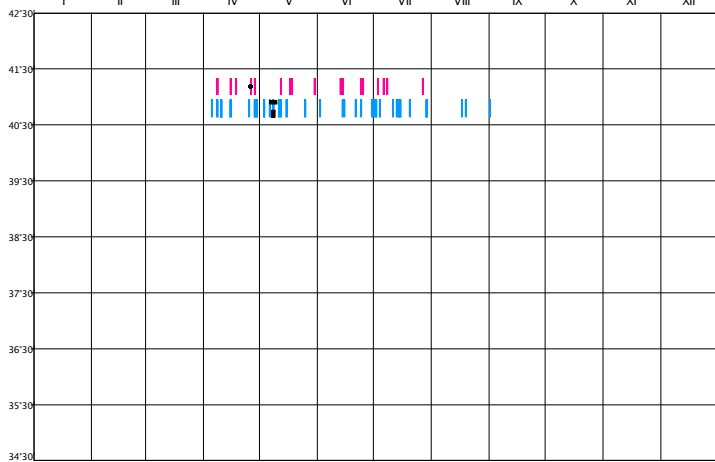
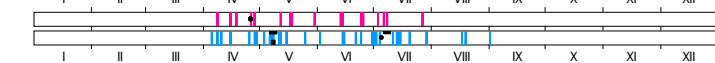
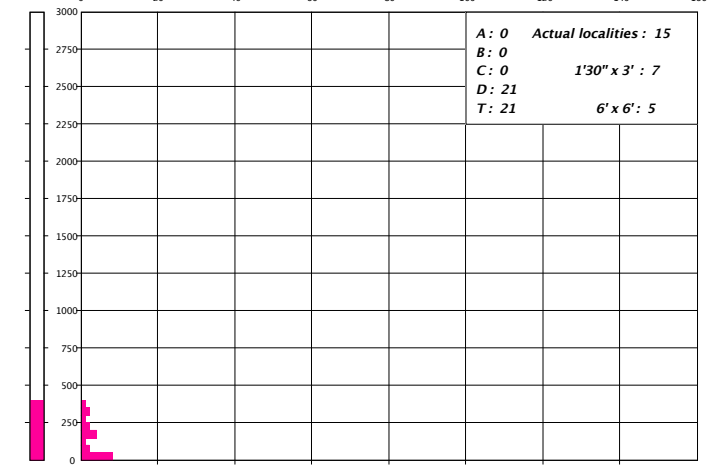
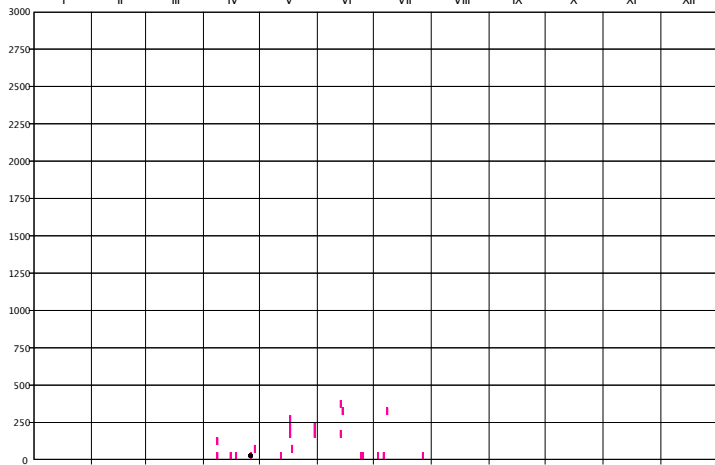
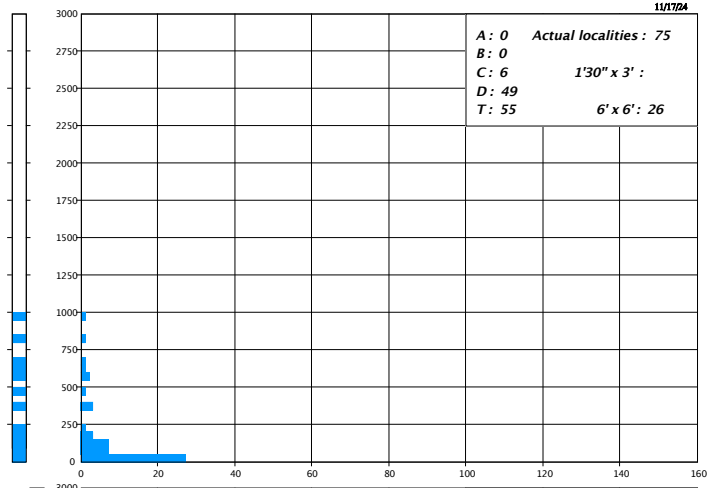
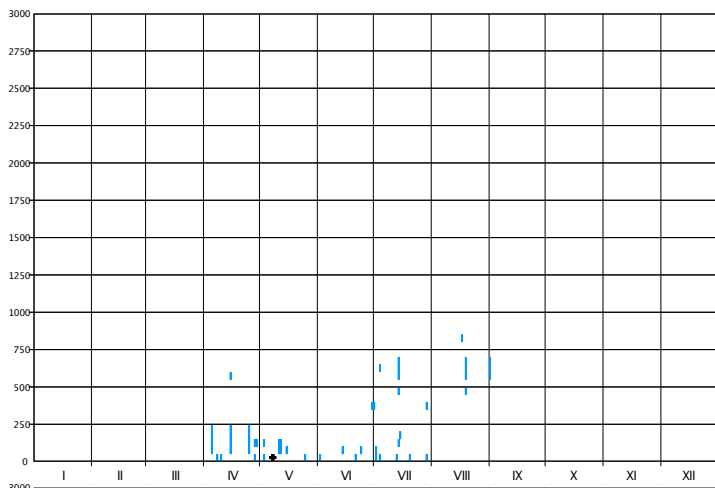




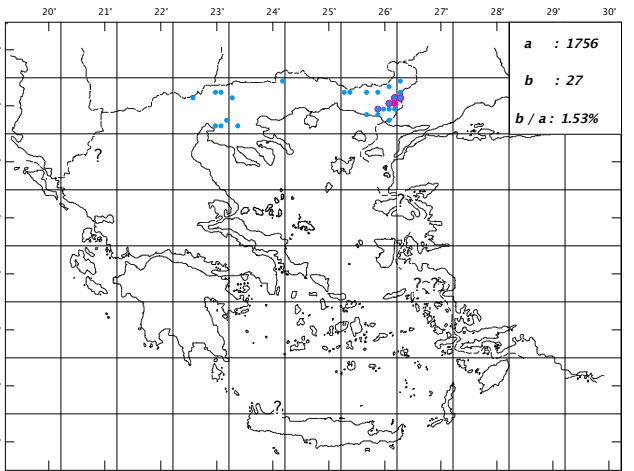


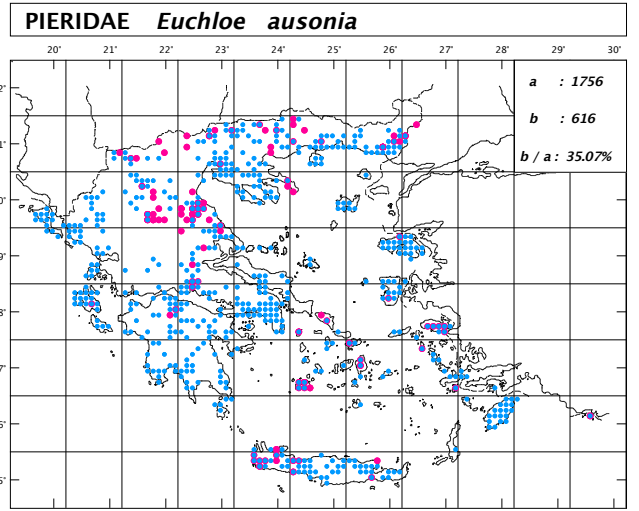
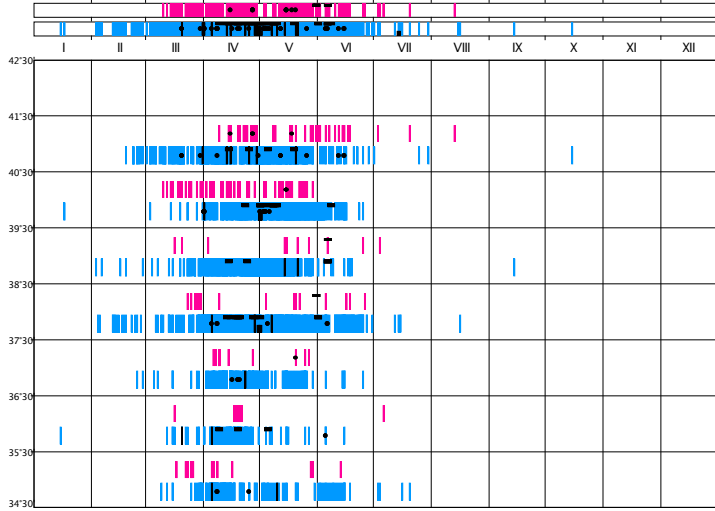
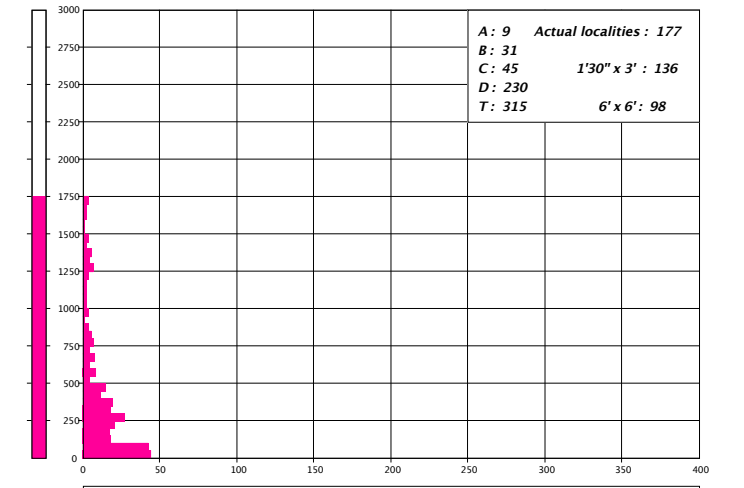
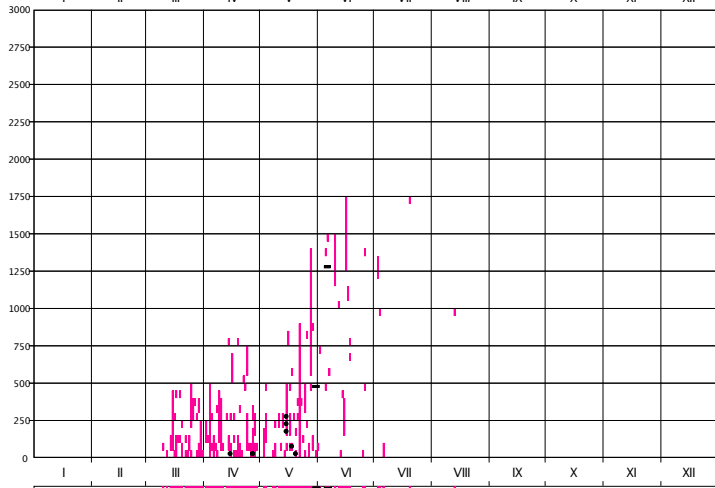
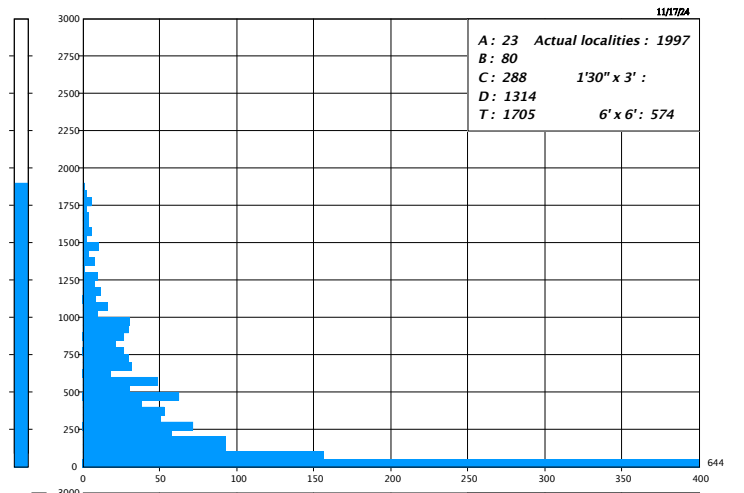
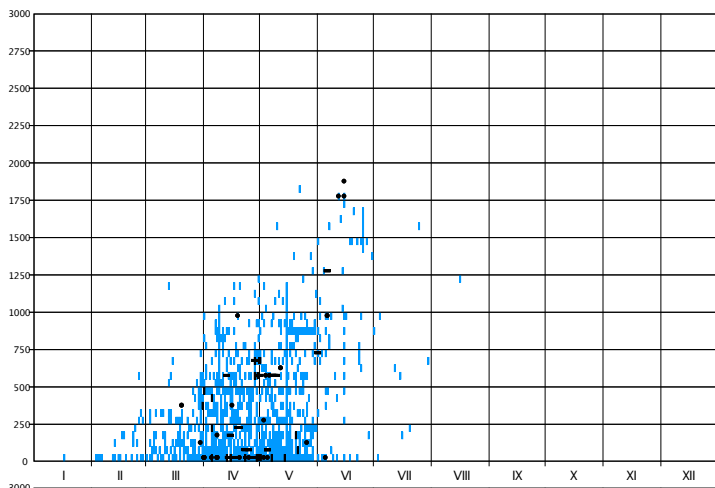
PIERIDAE *Pontia edusa*

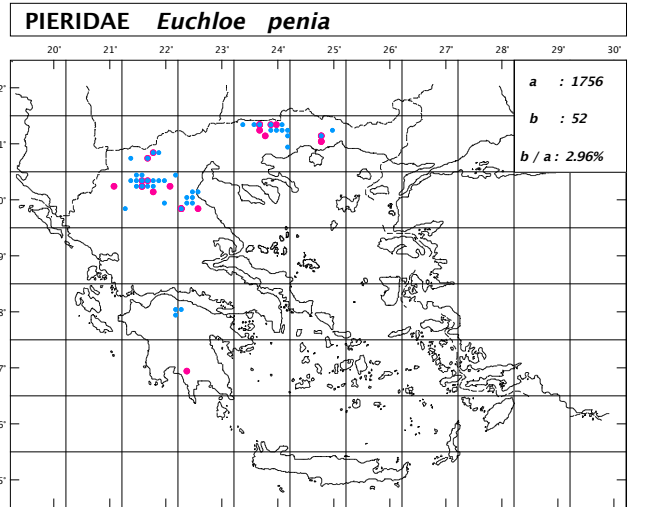
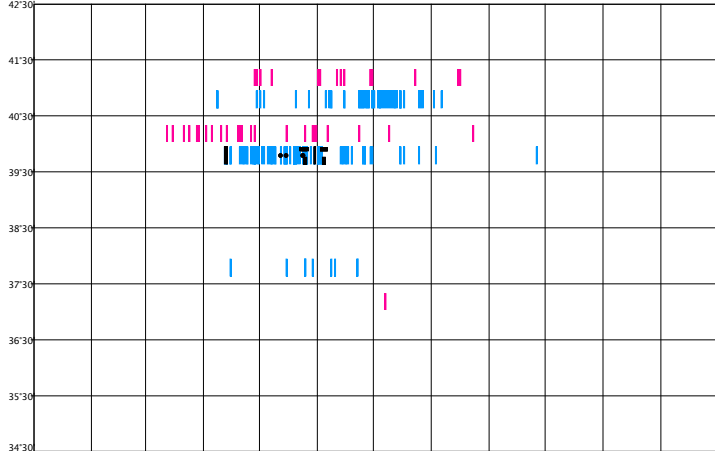
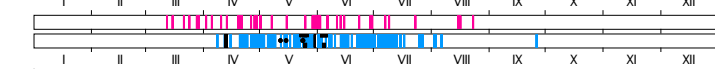
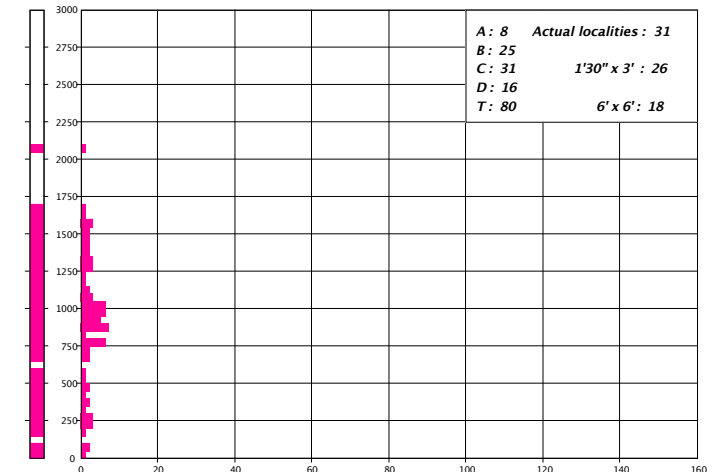
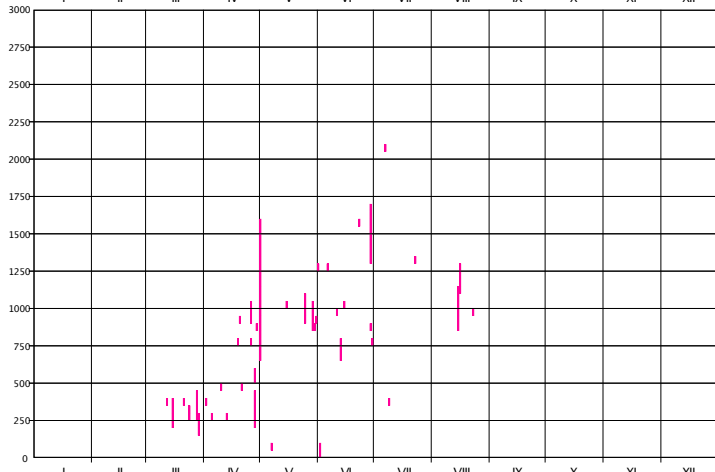
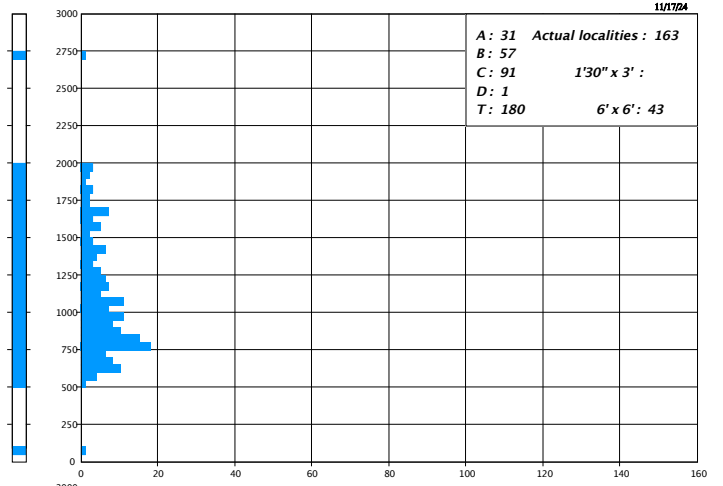
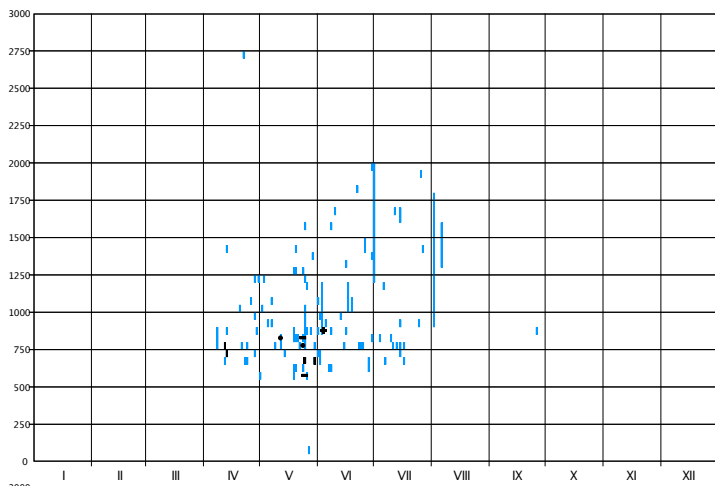


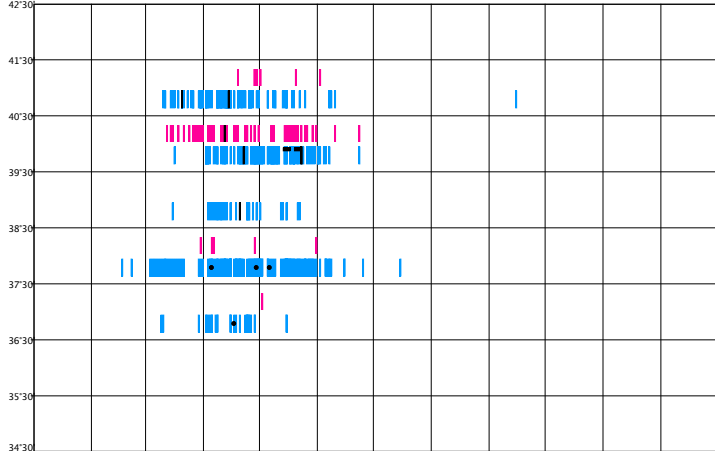
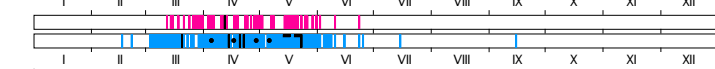
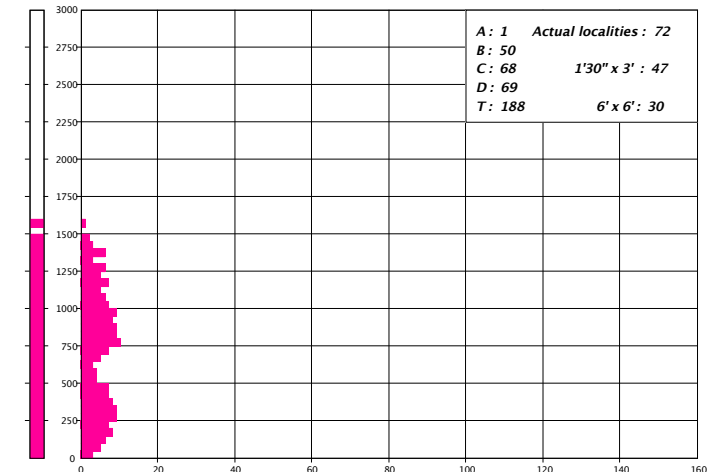
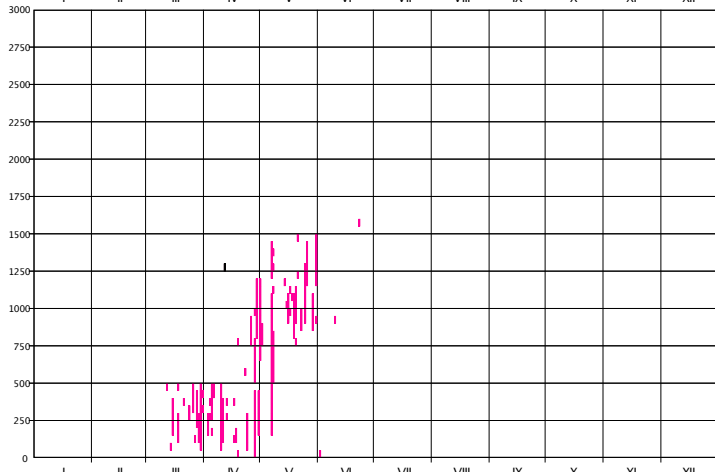
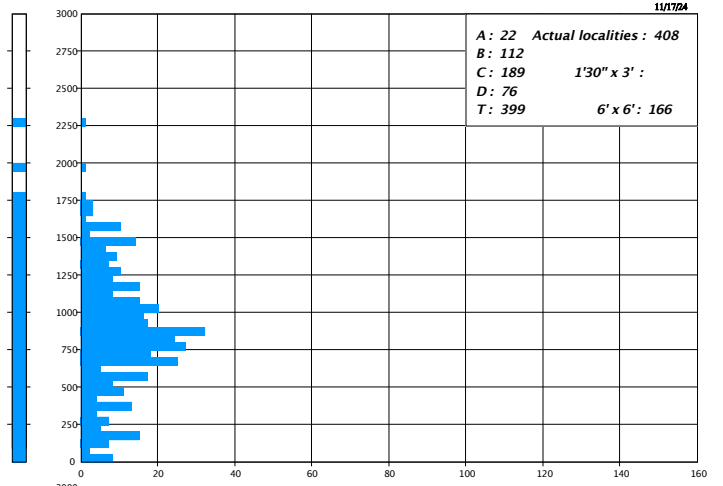
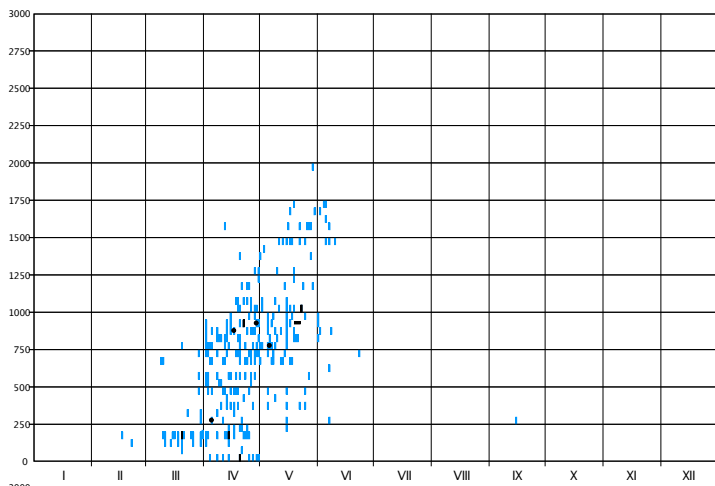


PIERIDAE *Pontia chloridice*

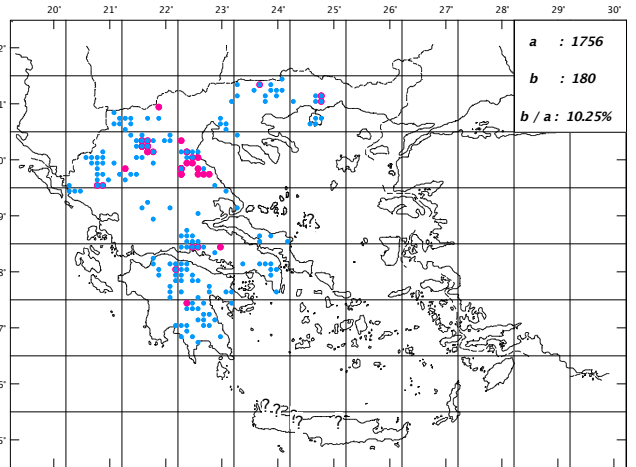


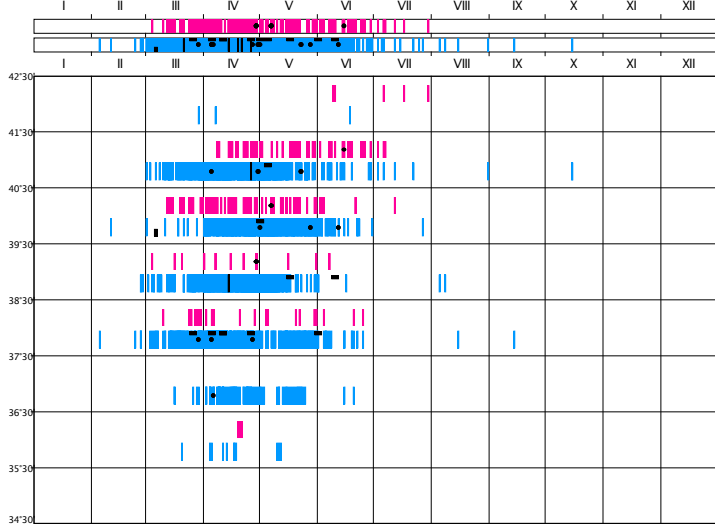
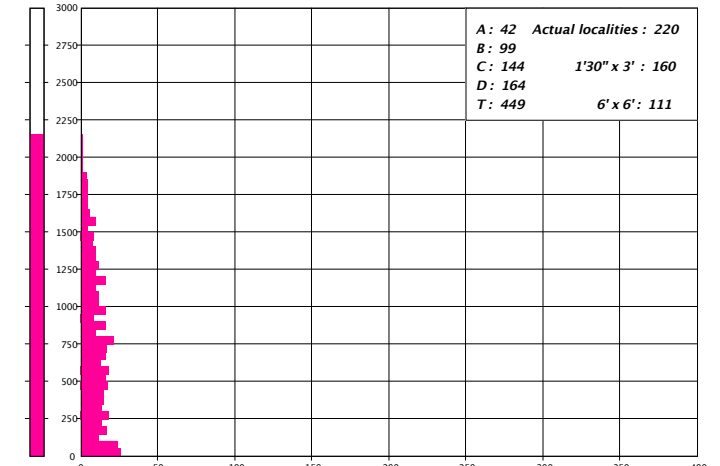
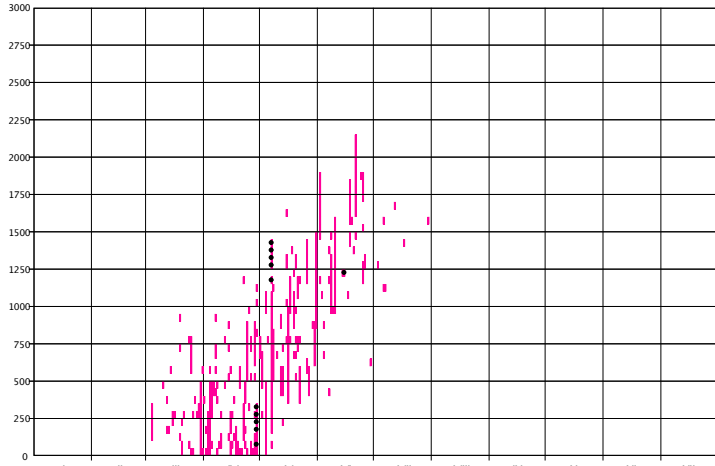
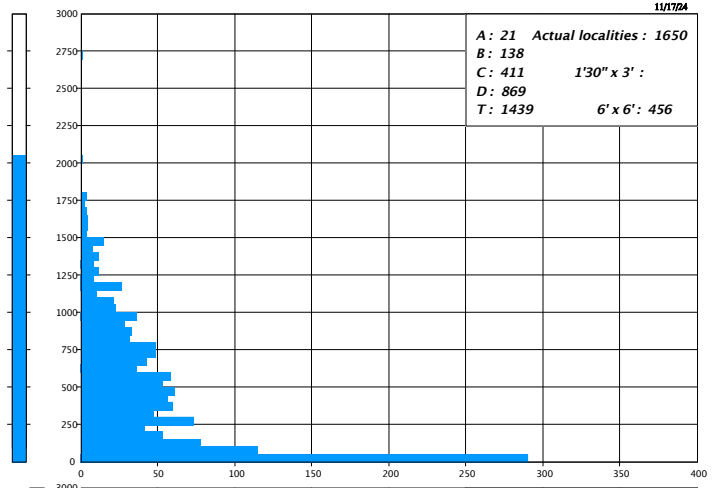
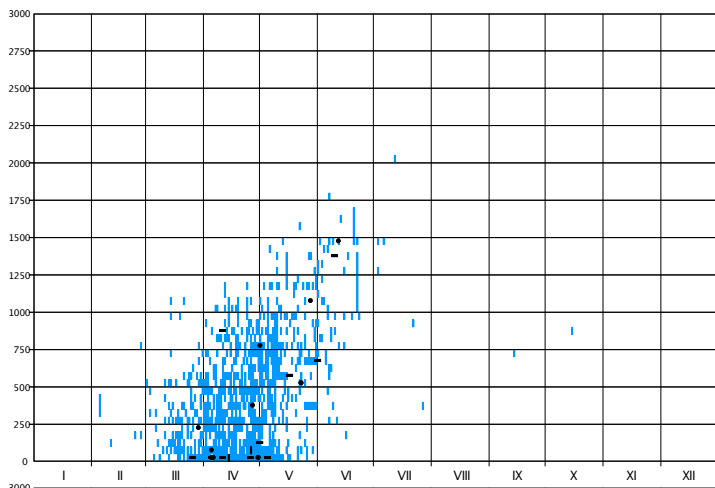




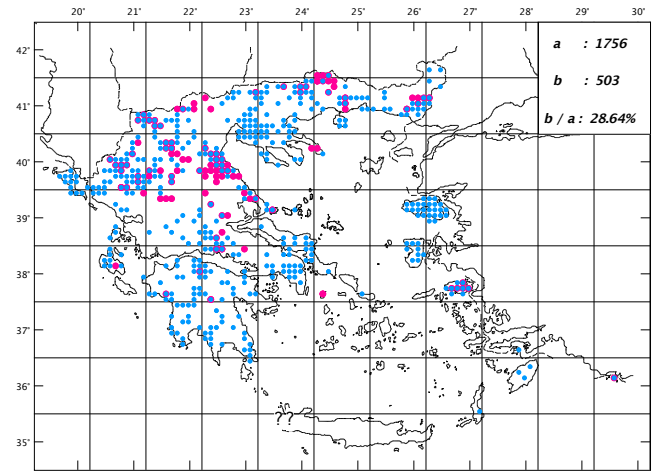


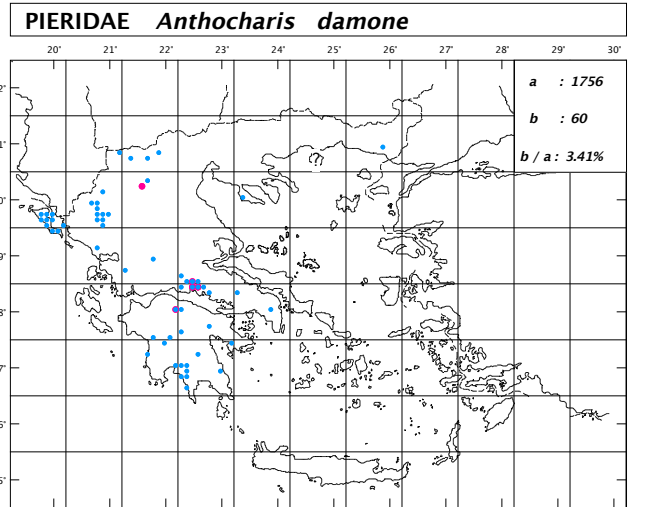
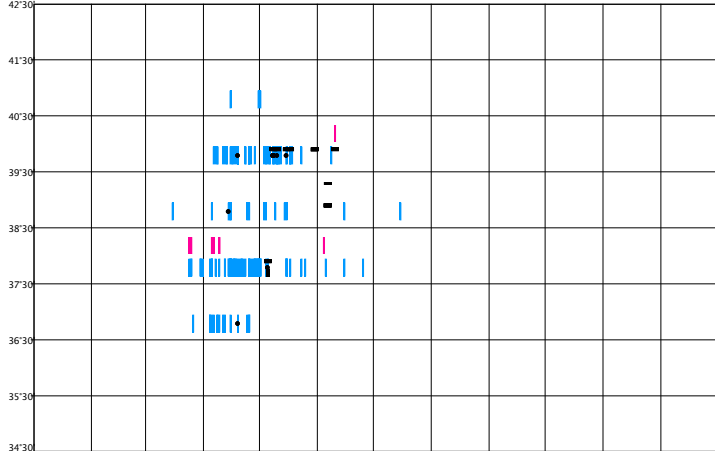
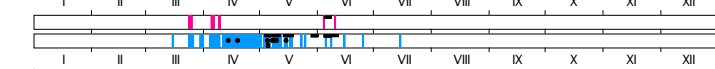
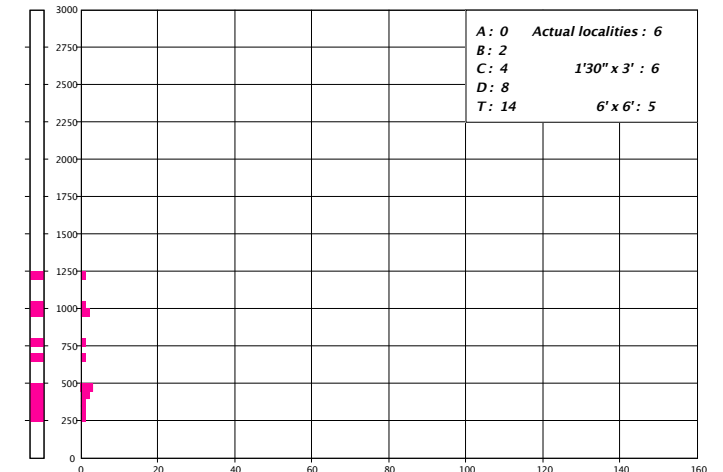
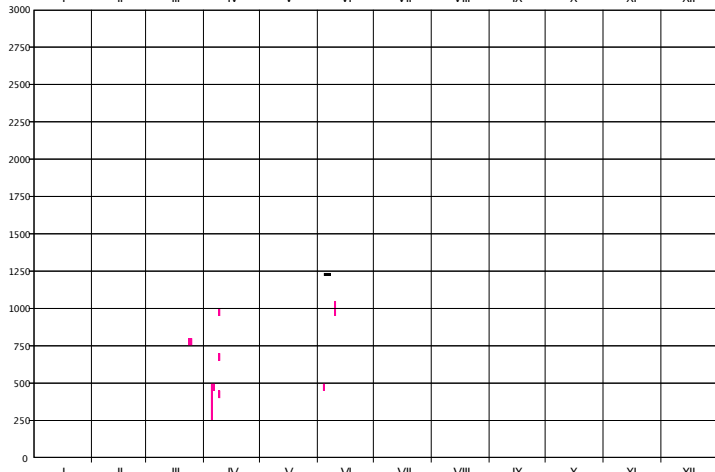
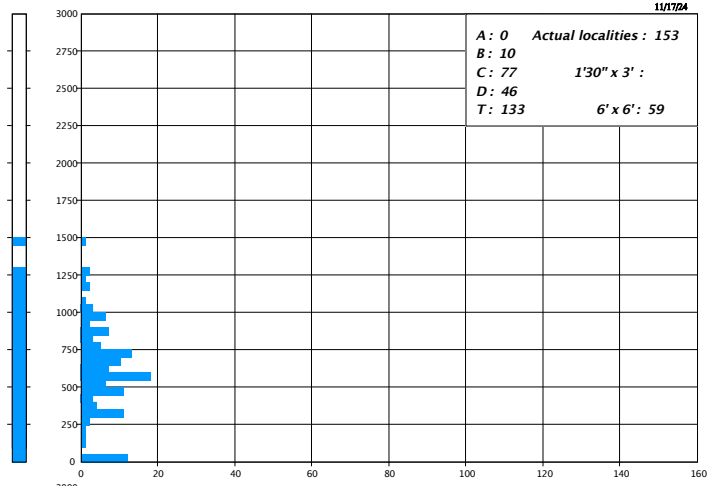
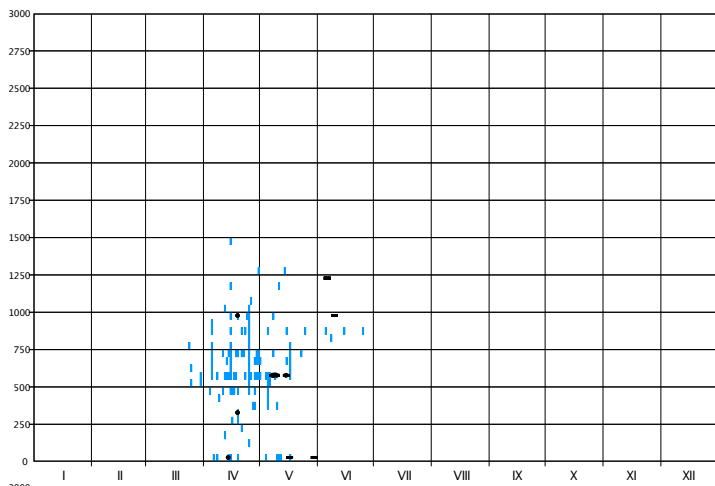
PIERIDAE *Anthocharis gruneri*

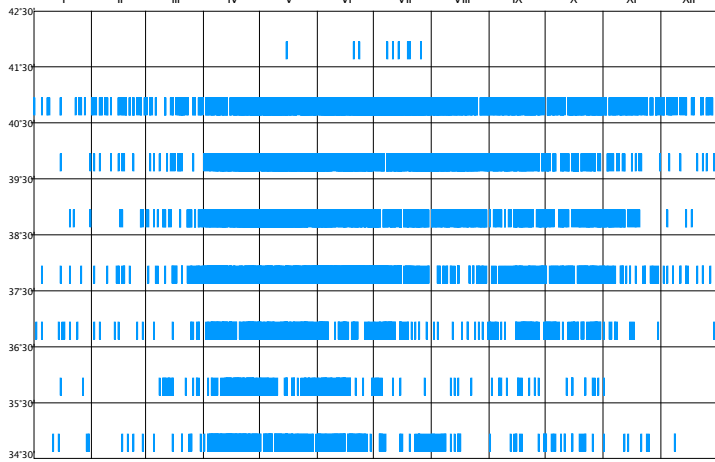
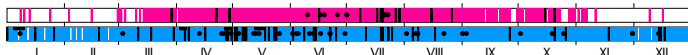
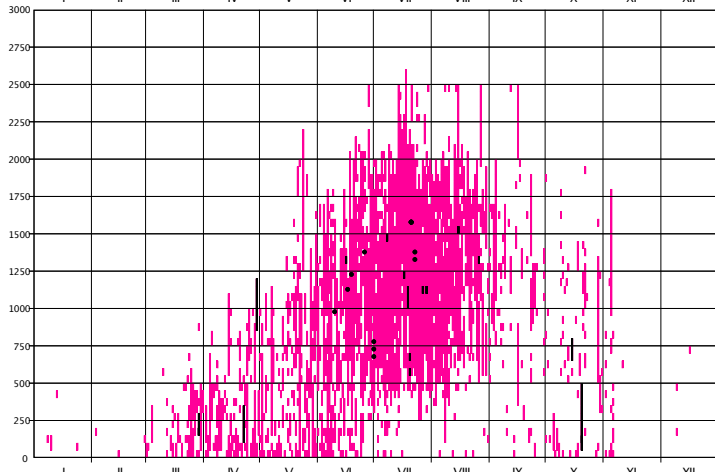
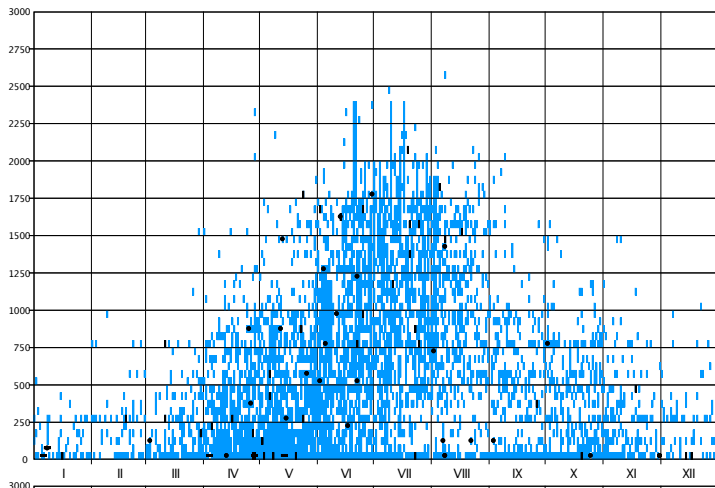


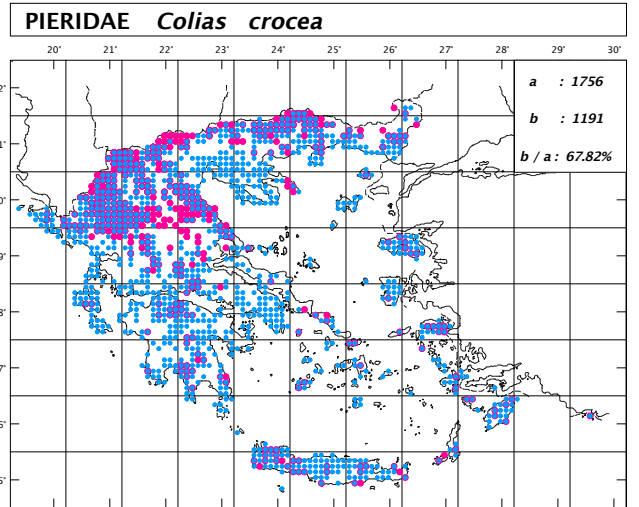
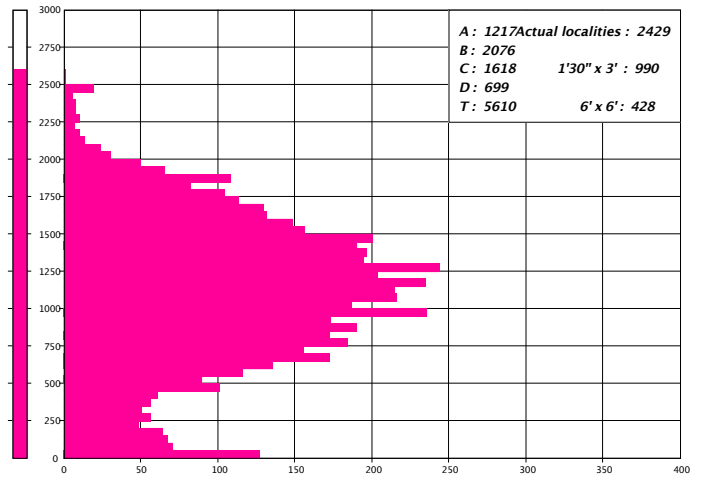
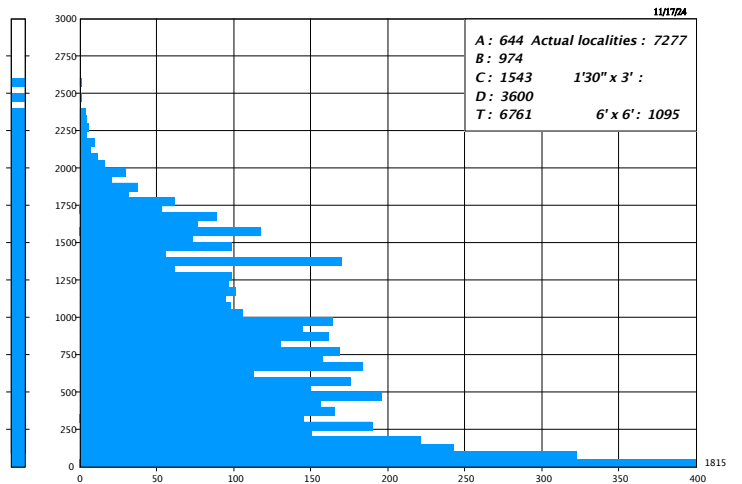


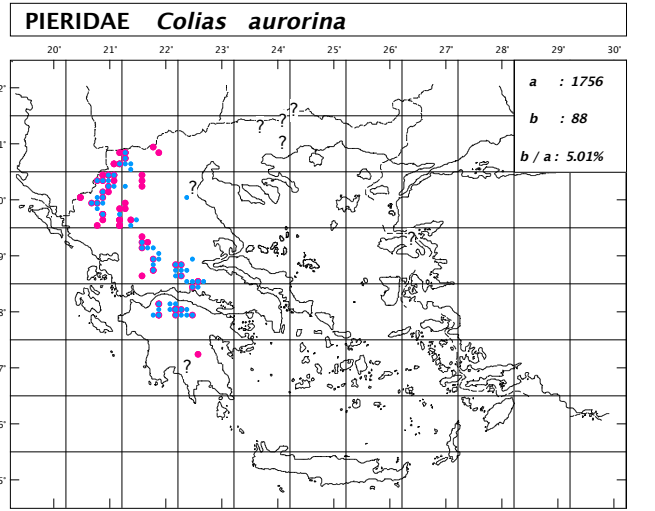
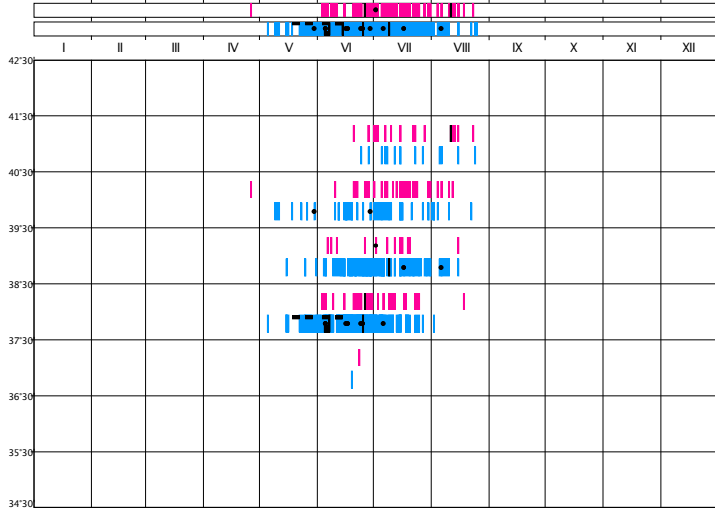
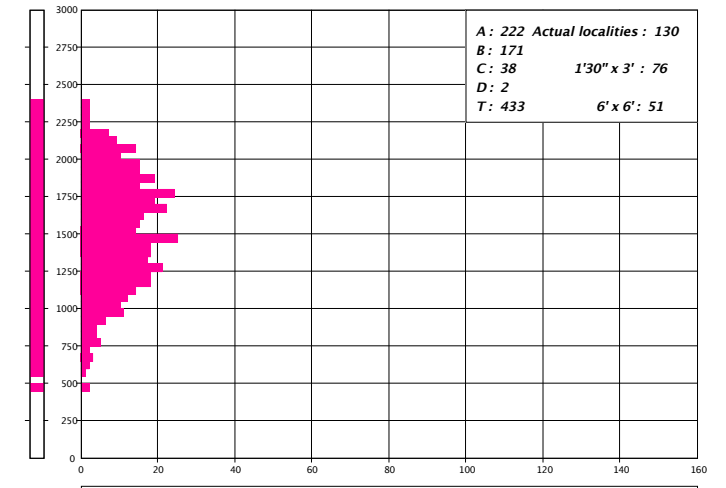
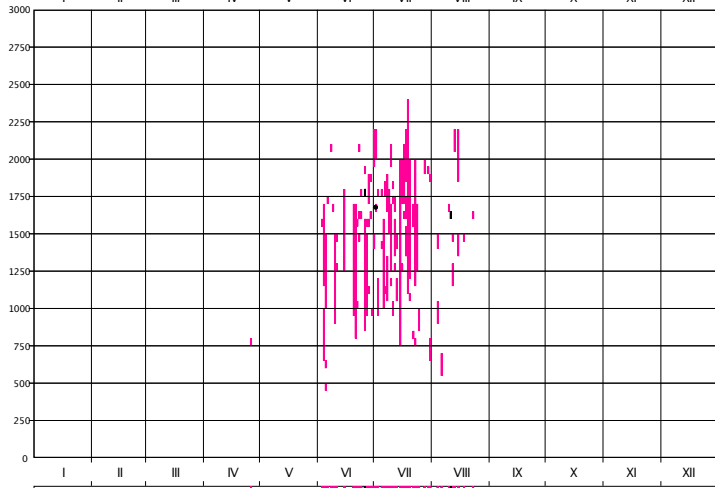
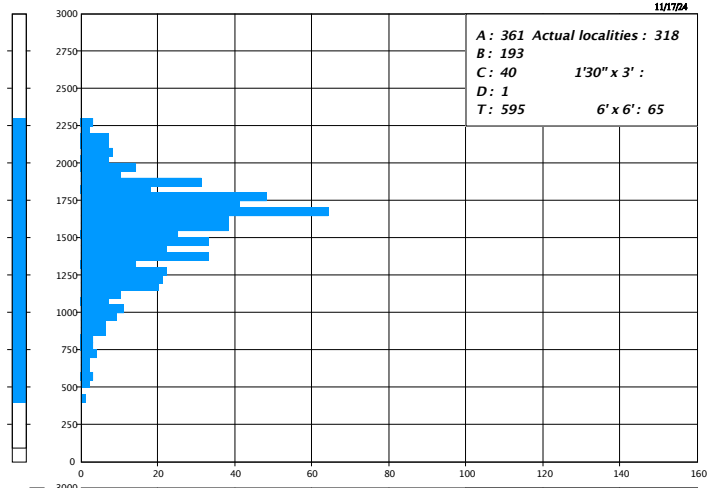
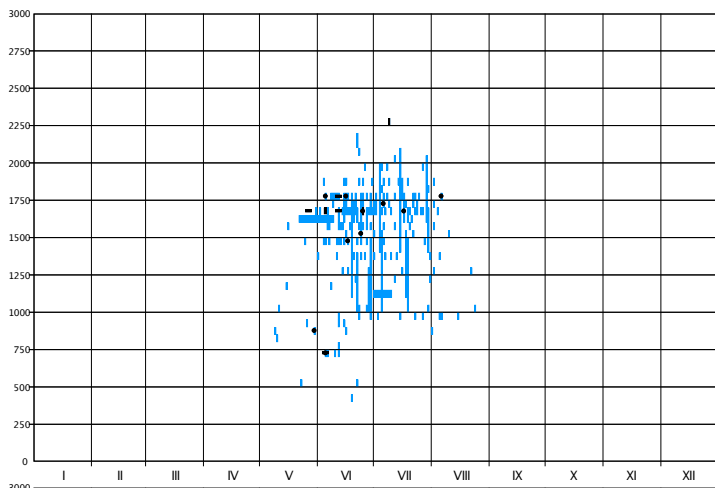
PIERIDAE *Anthocharis cardamines*

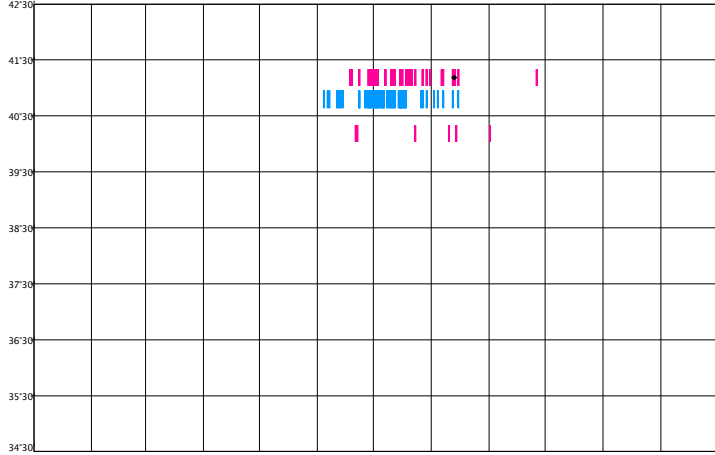
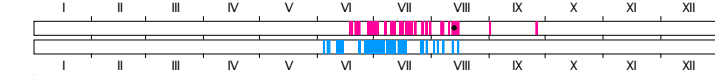
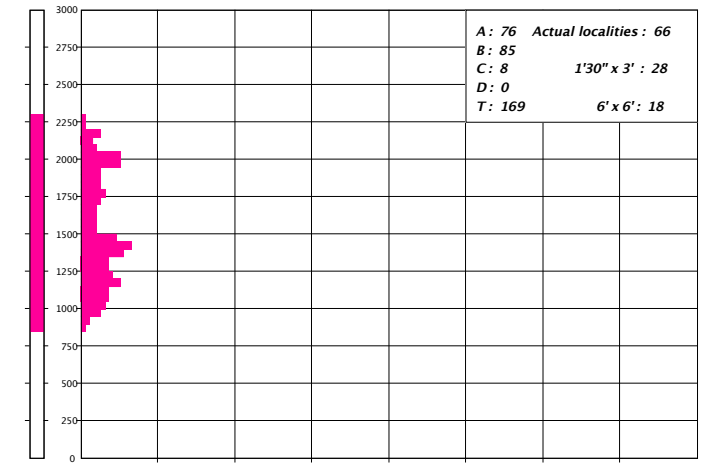
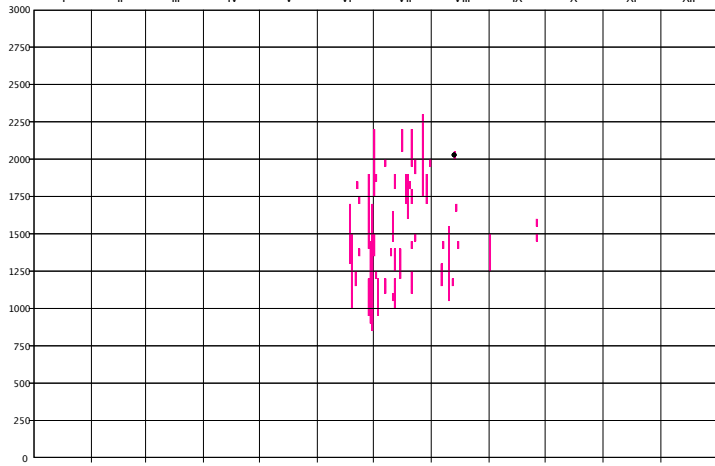
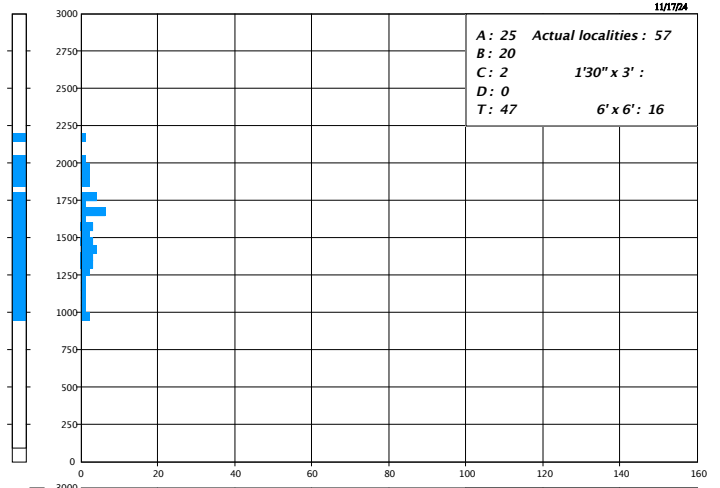
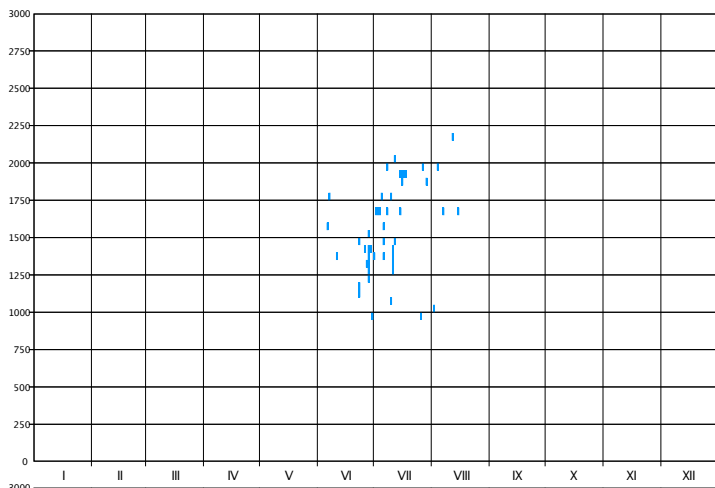




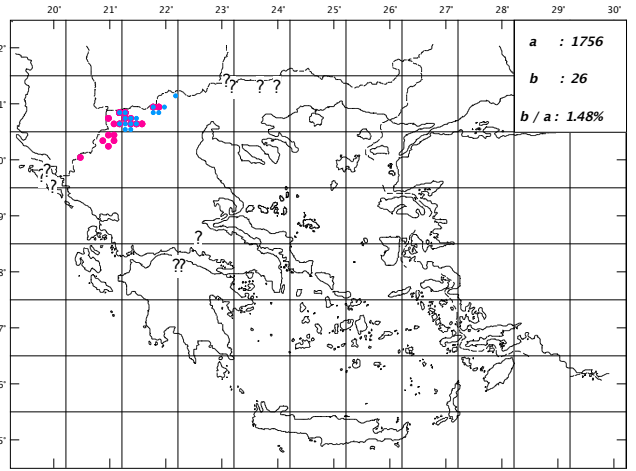


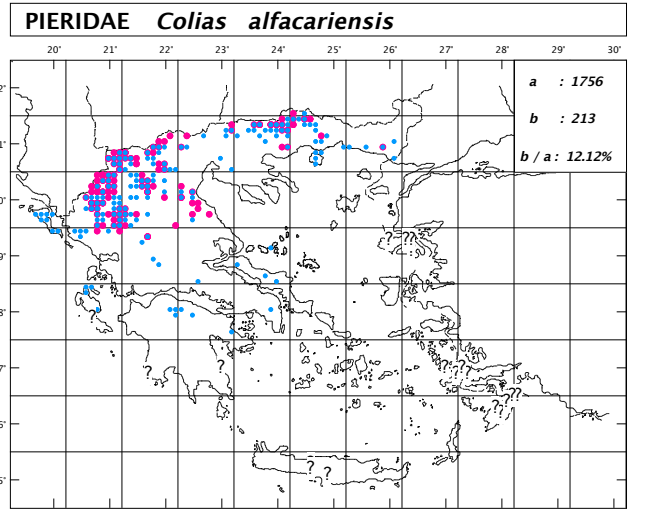
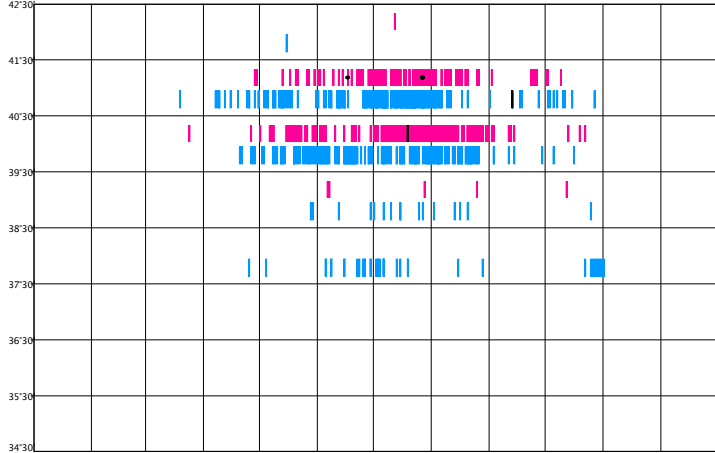
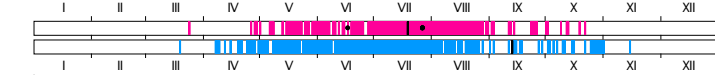
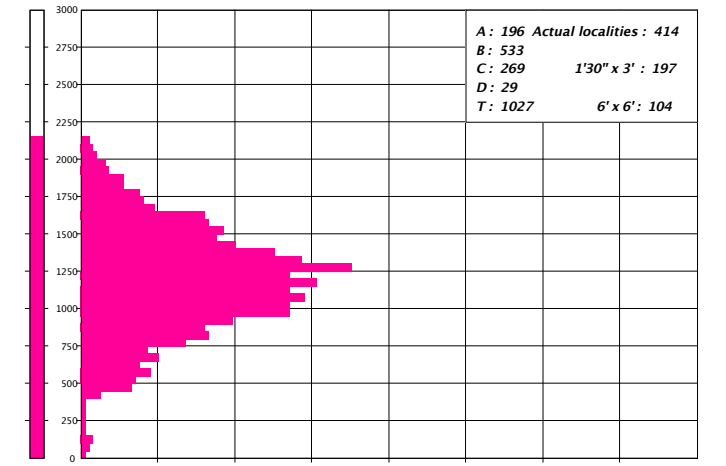
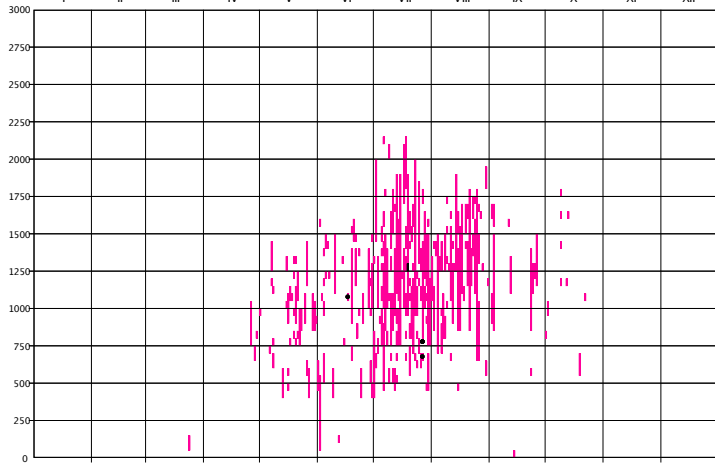
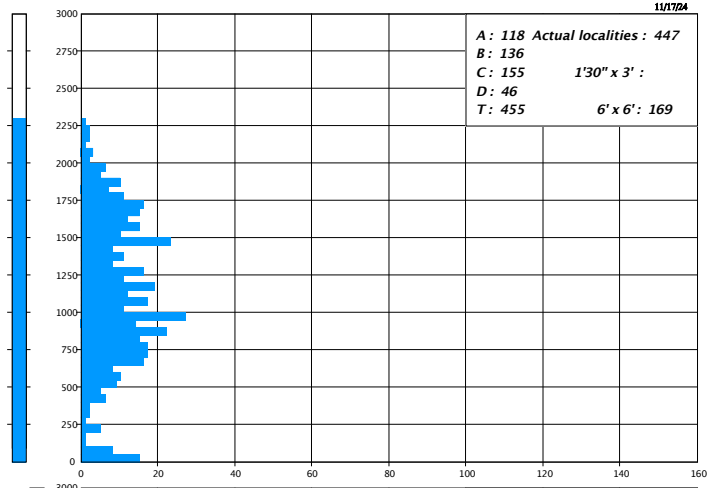
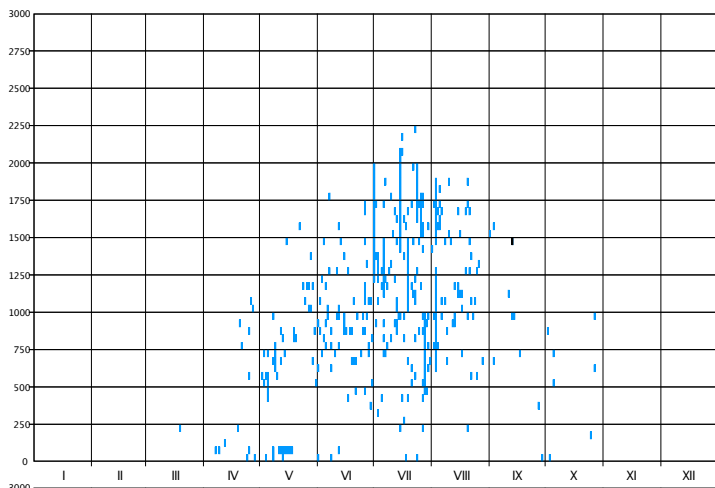


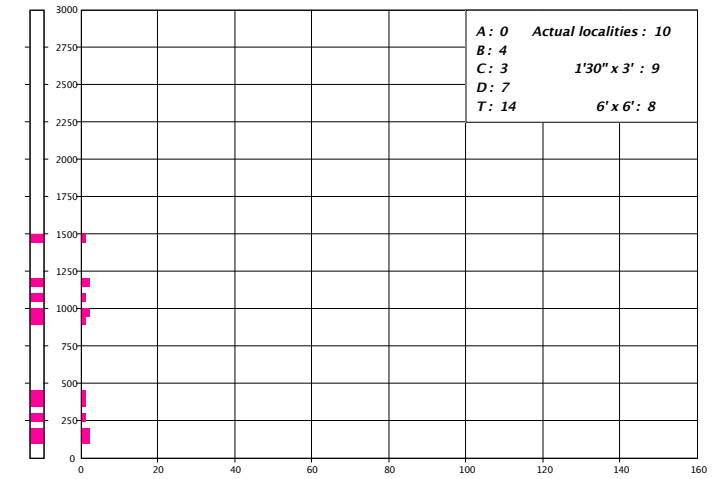
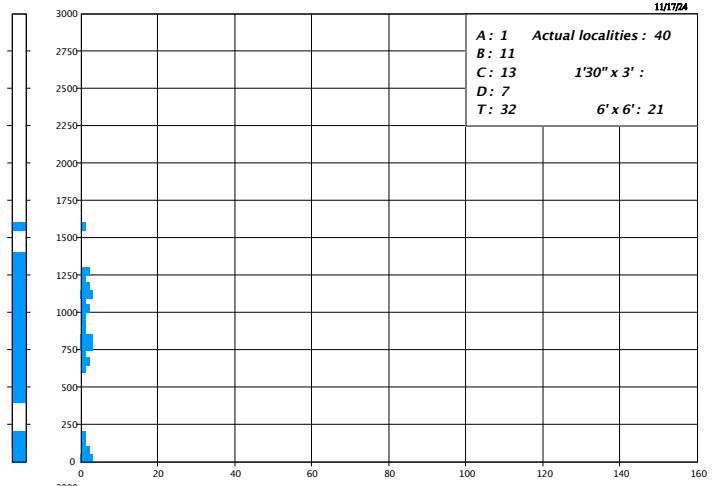
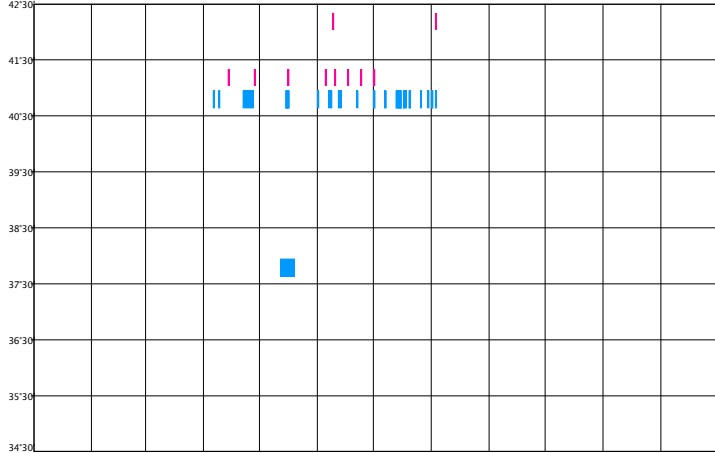
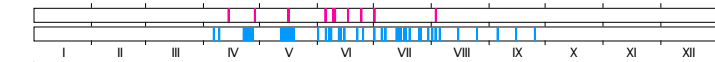
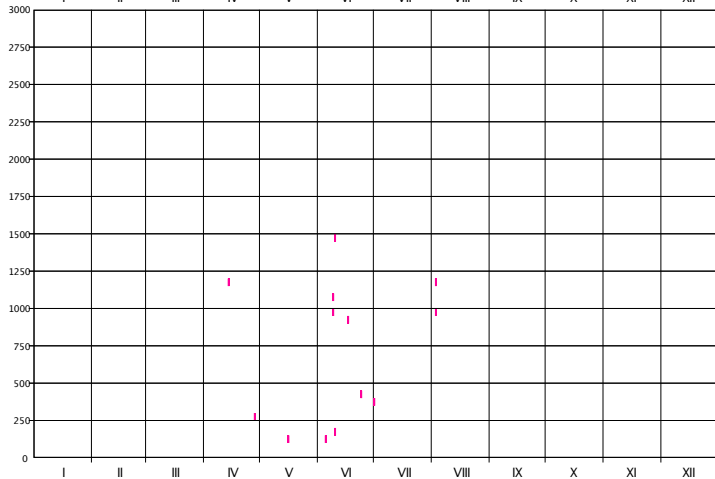
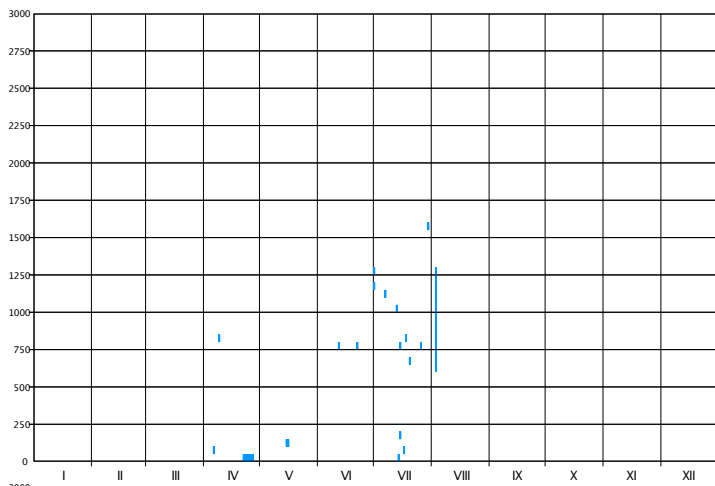




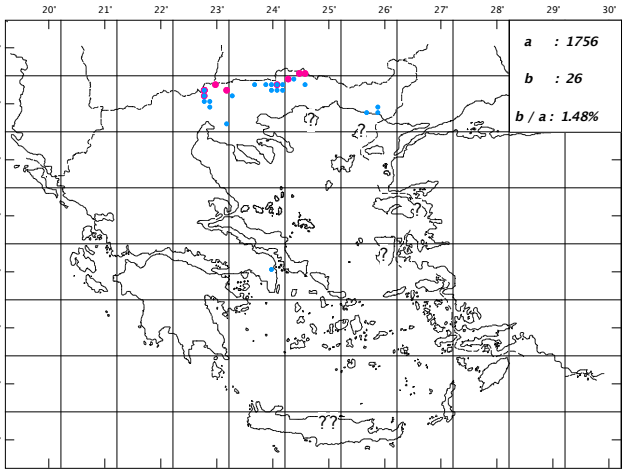
PIERIDAE *Colias caucasica*

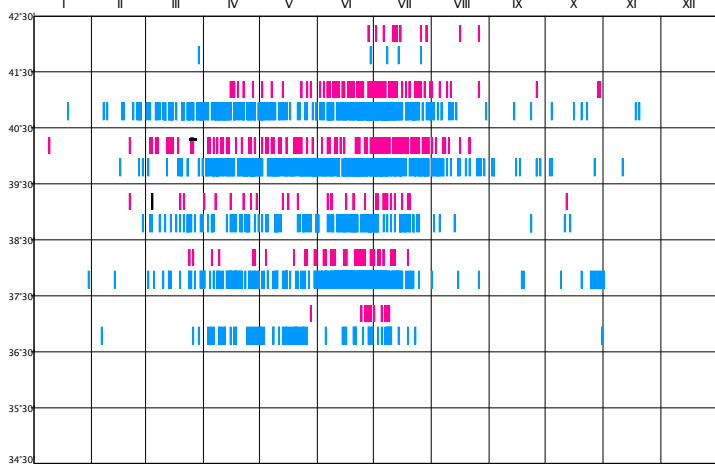
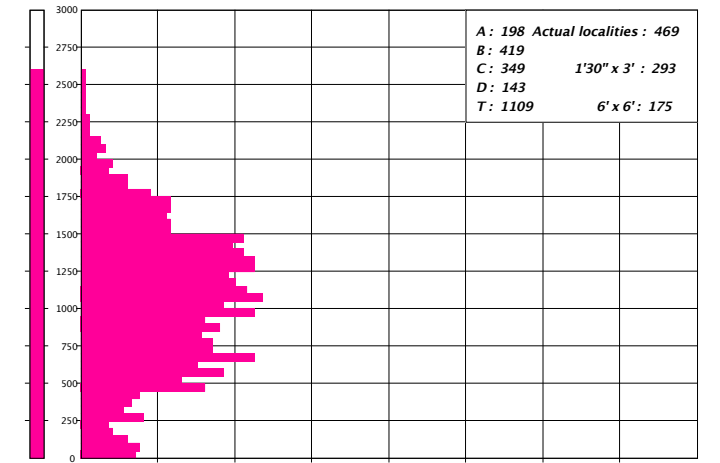
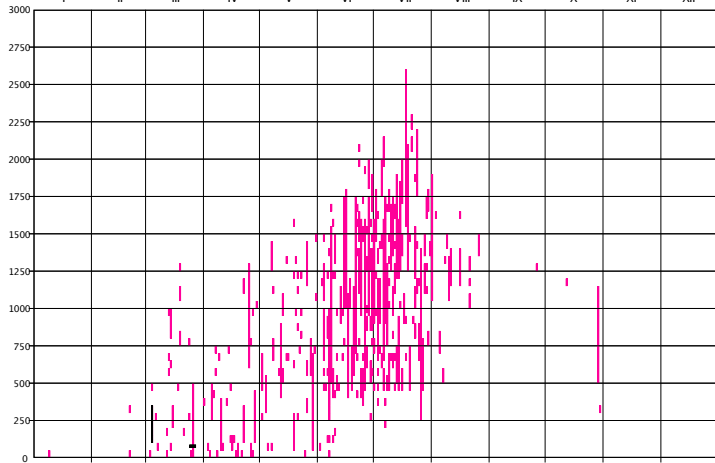
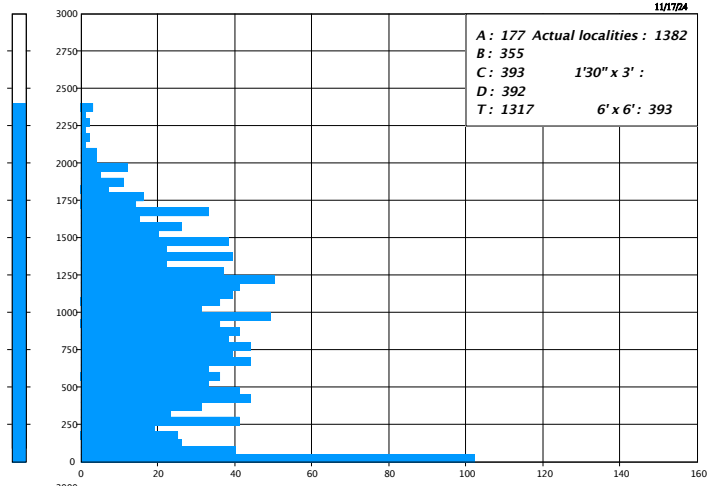
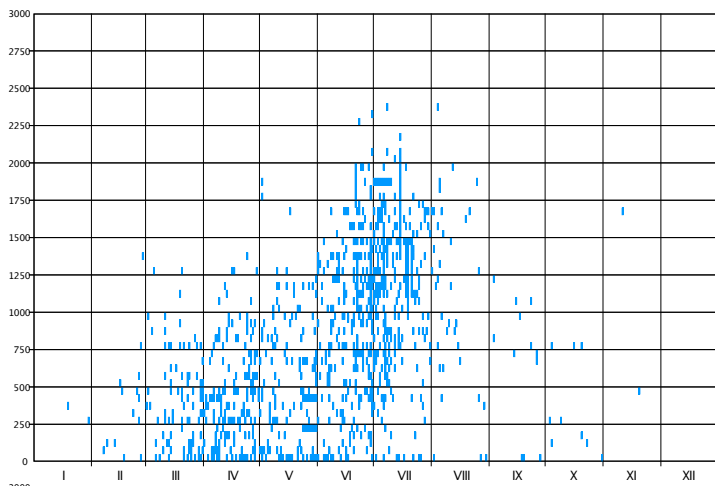




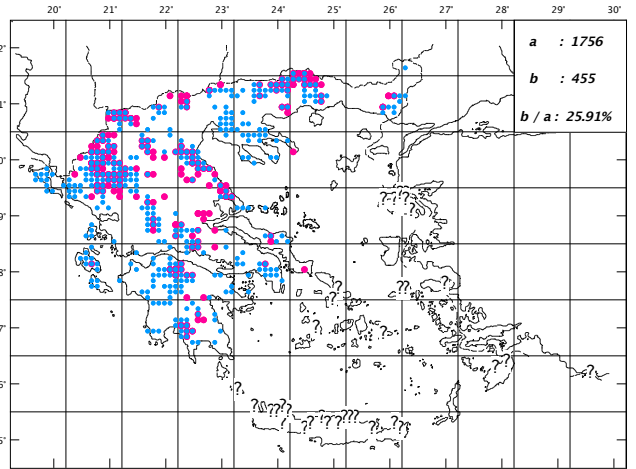


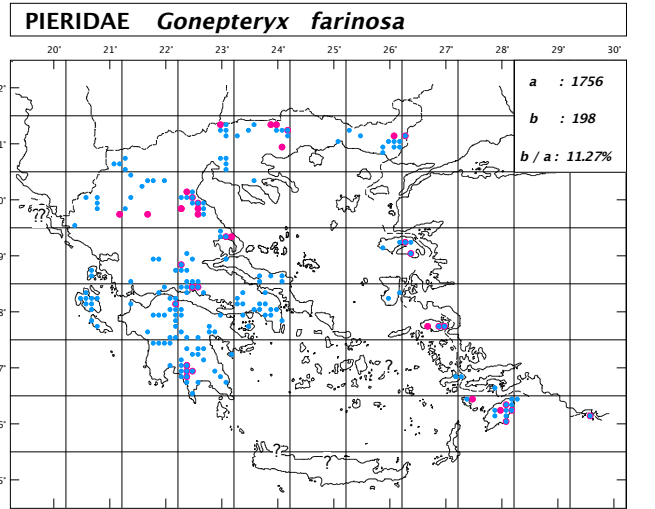
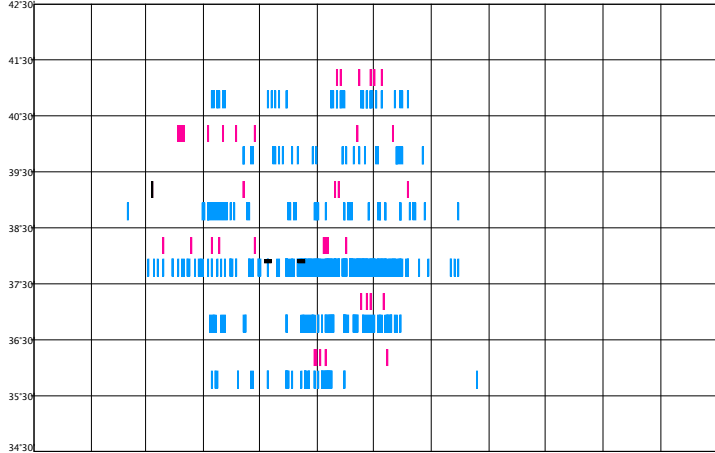
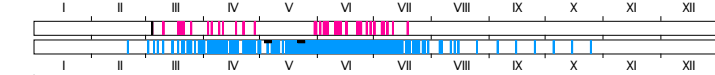
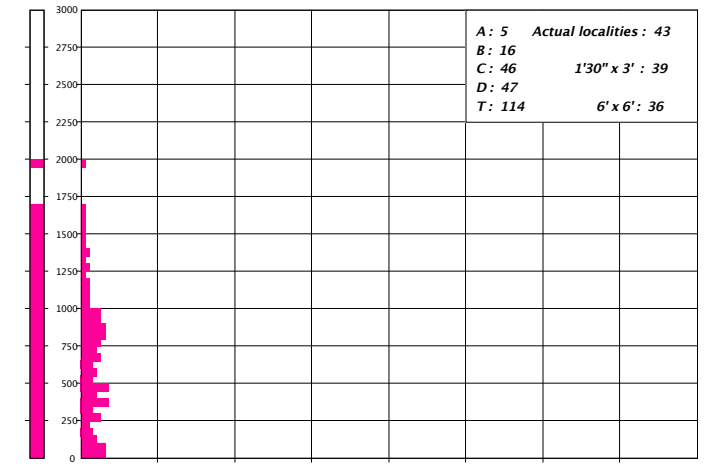
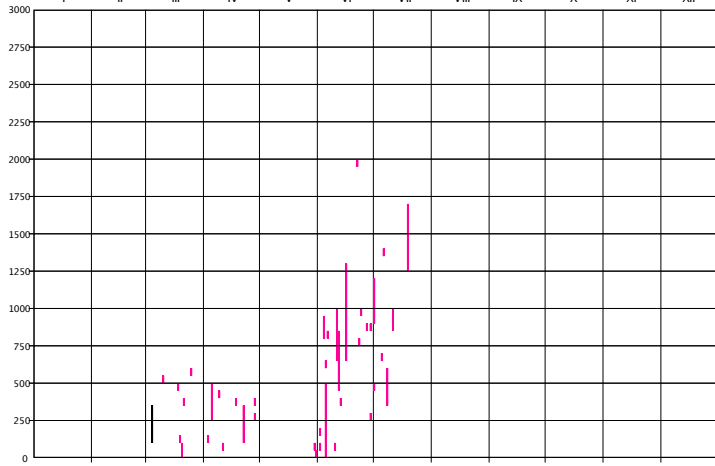
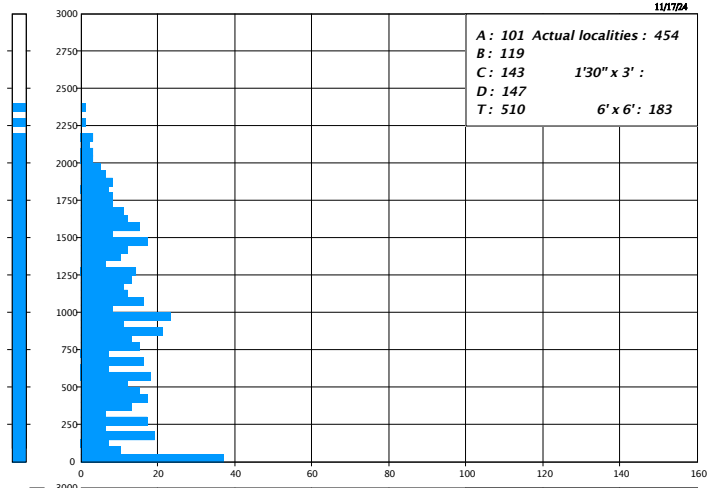
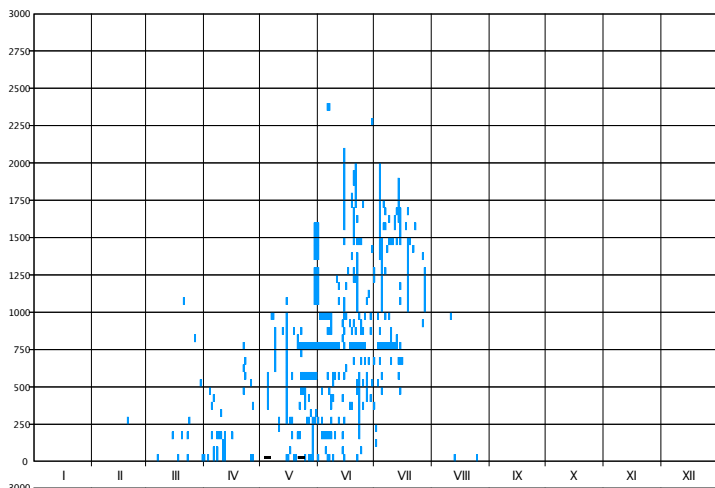
PIERIDAE *Colias erate*

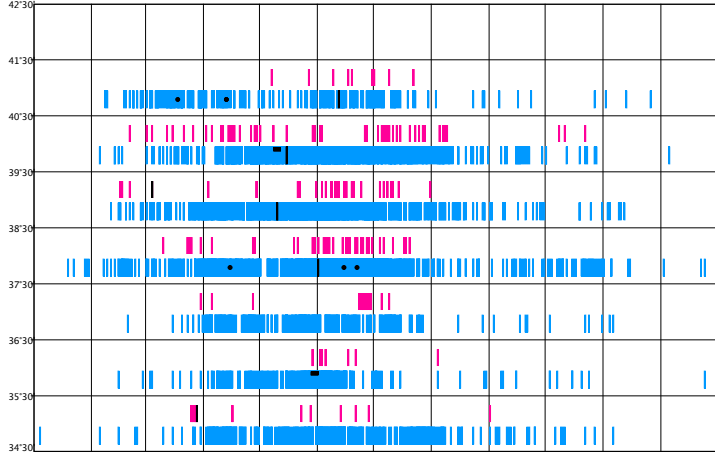
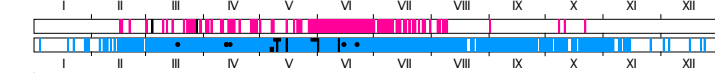
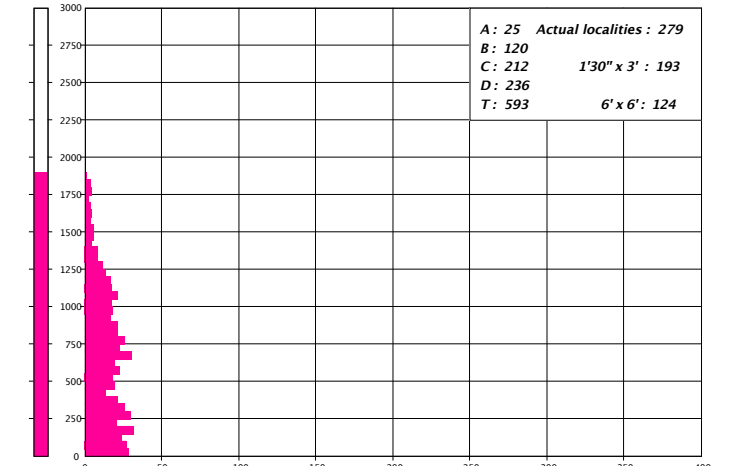
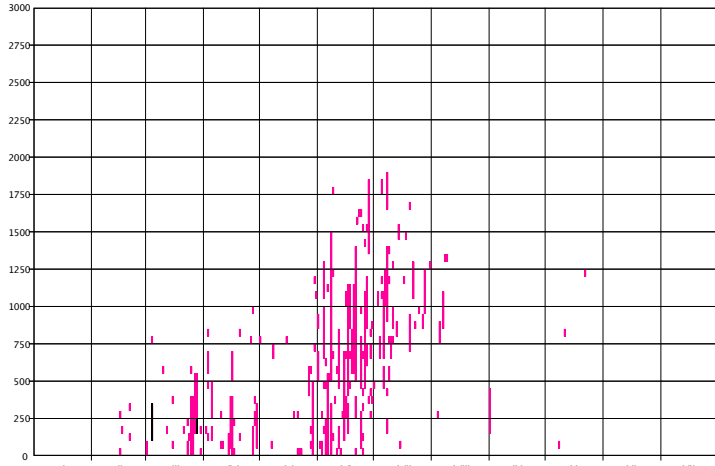
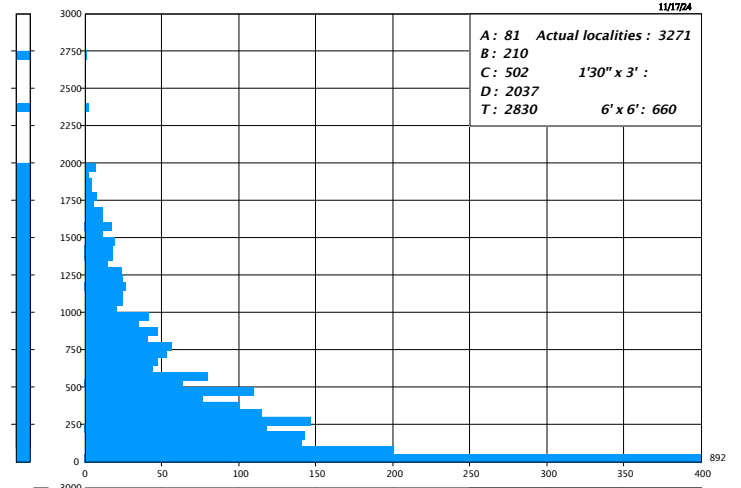
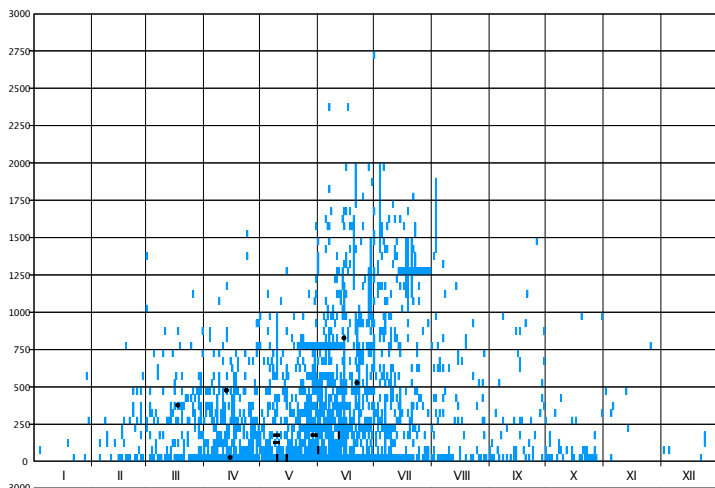




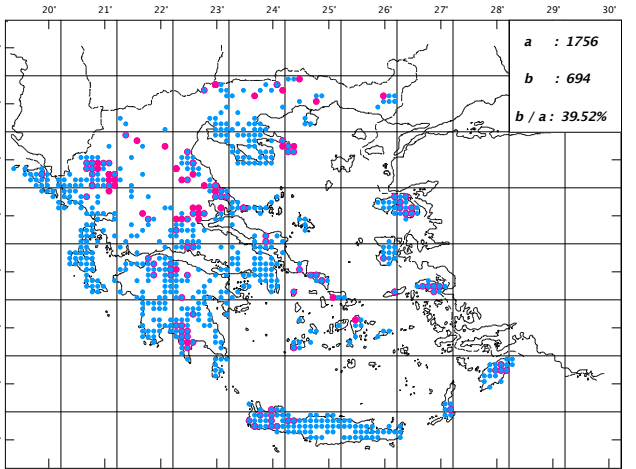
PIERIDAE *Gonepteryx rhamni*

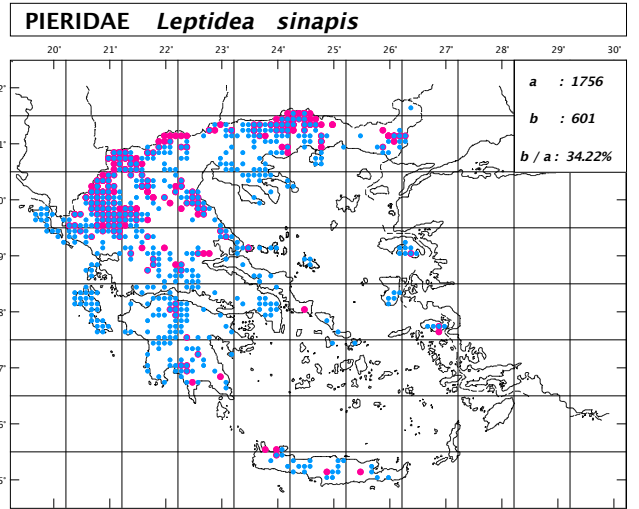
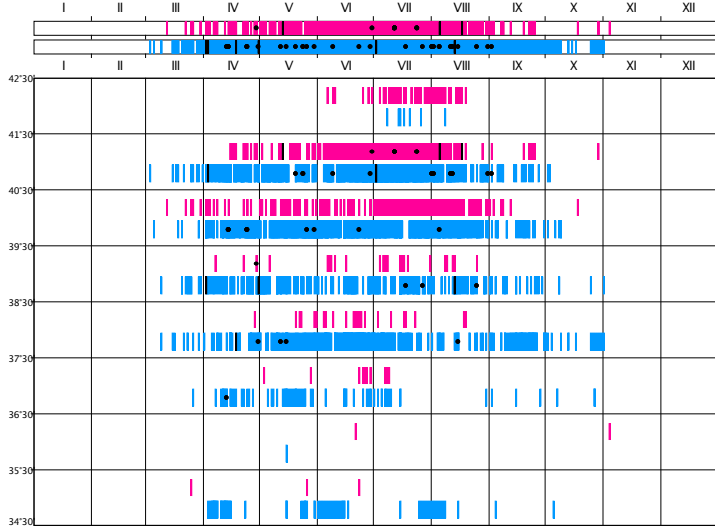
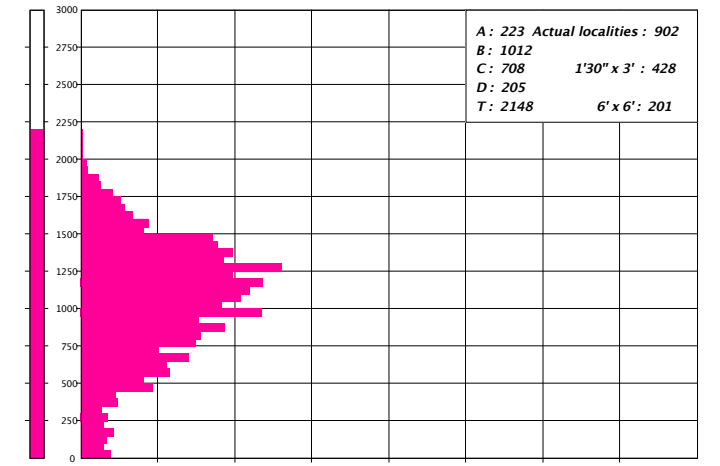
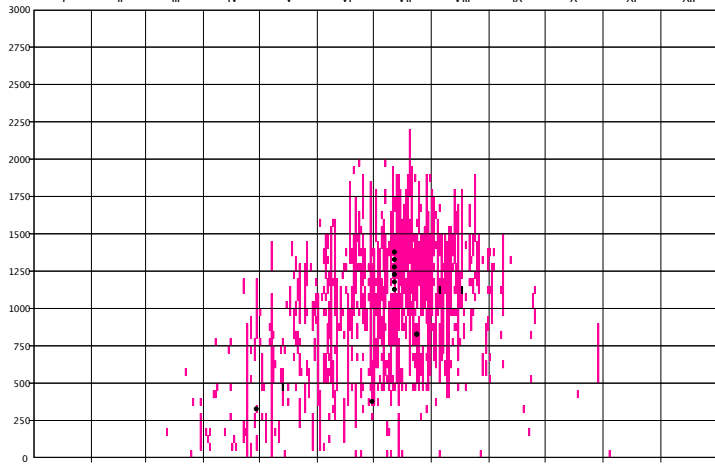
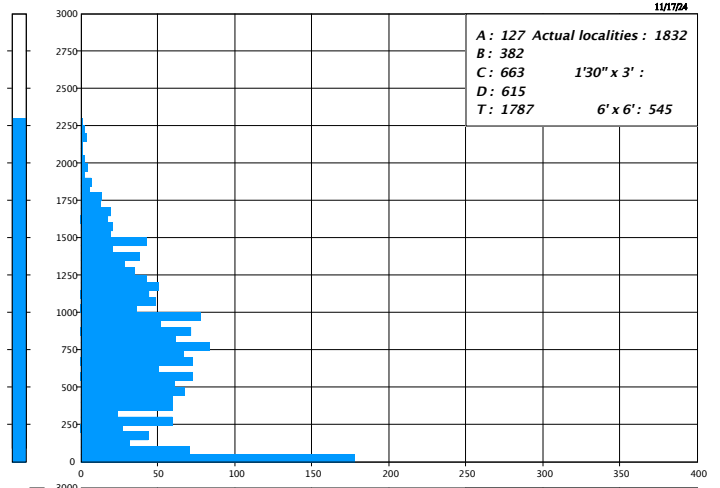
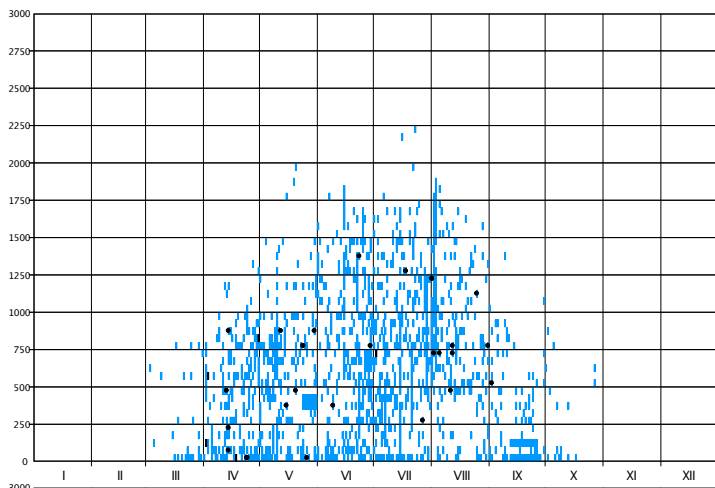


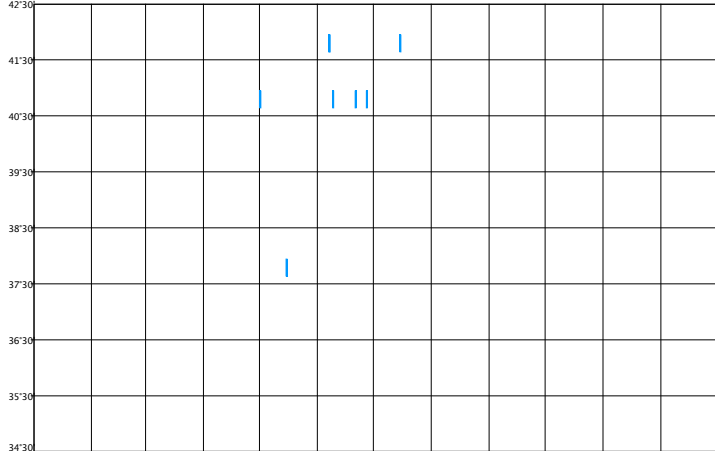
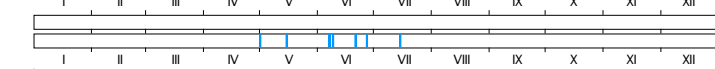
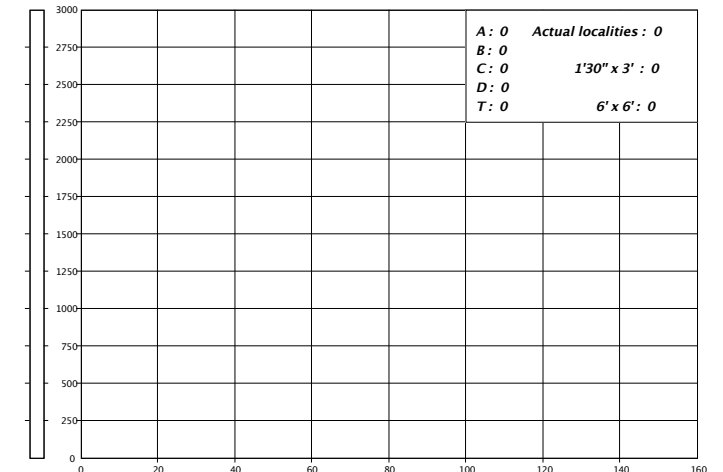
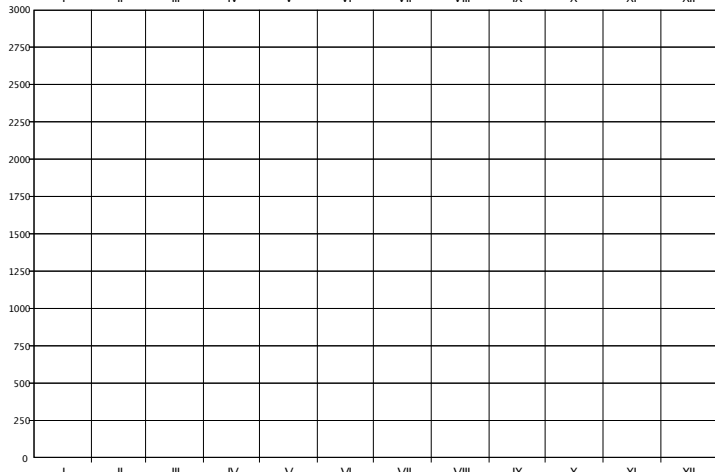
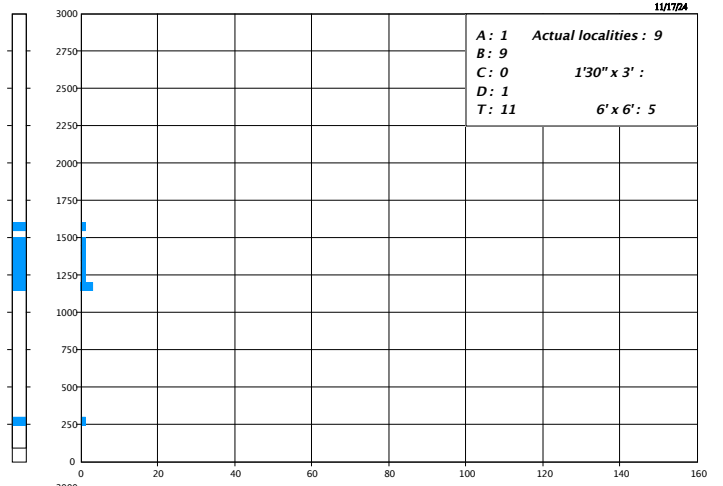
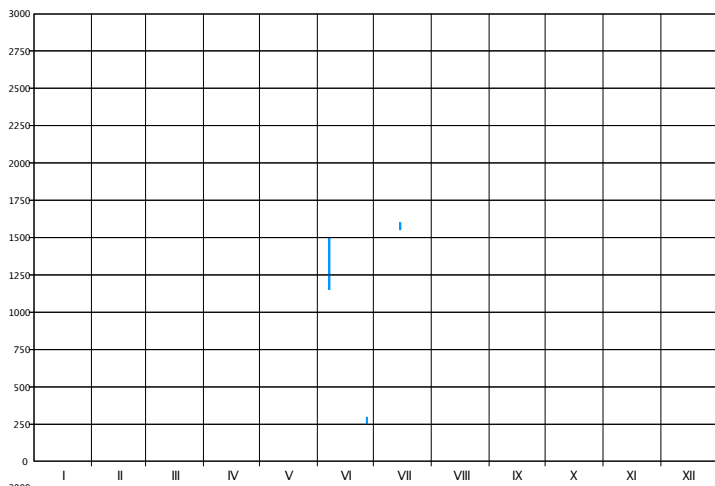




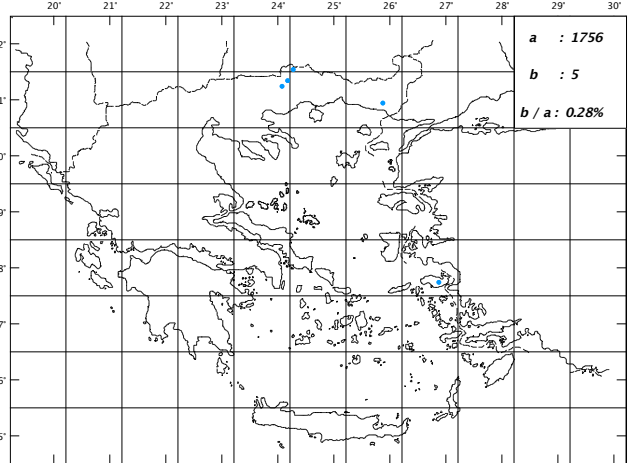
PIERIDAE *Gonepteryx cleopatra*

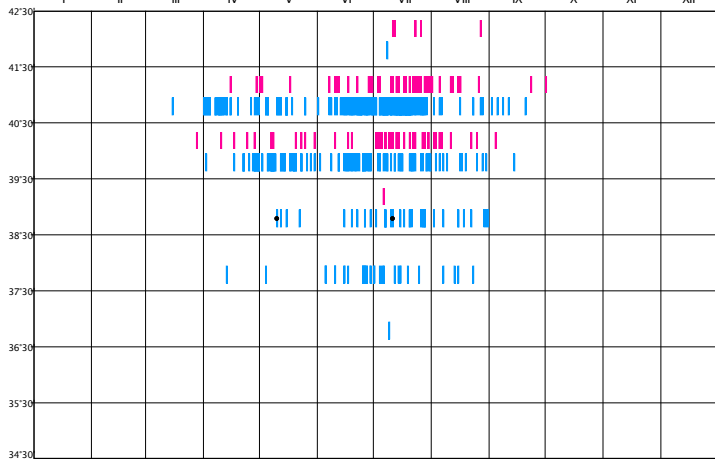
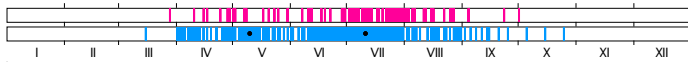
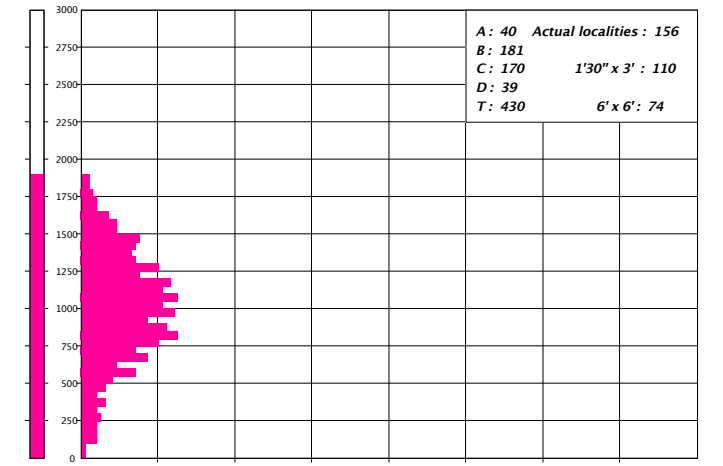
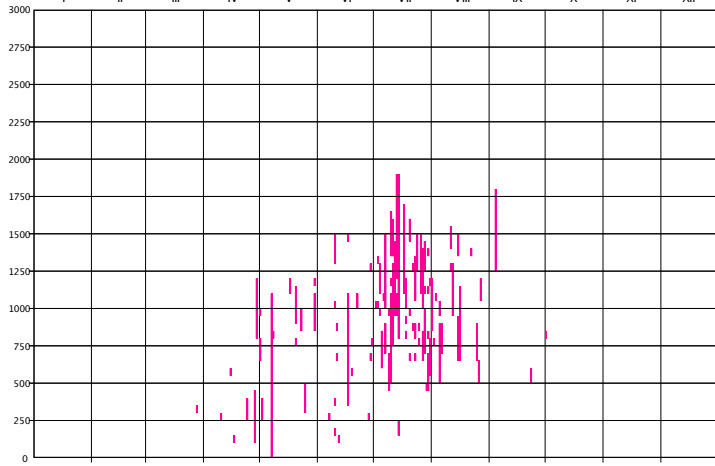
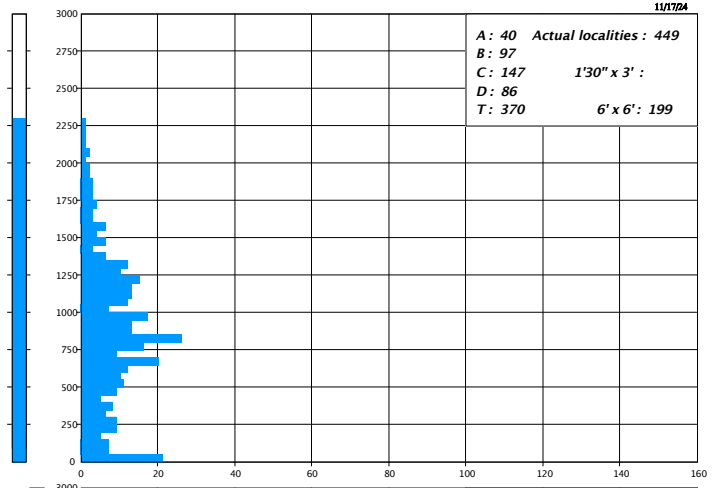
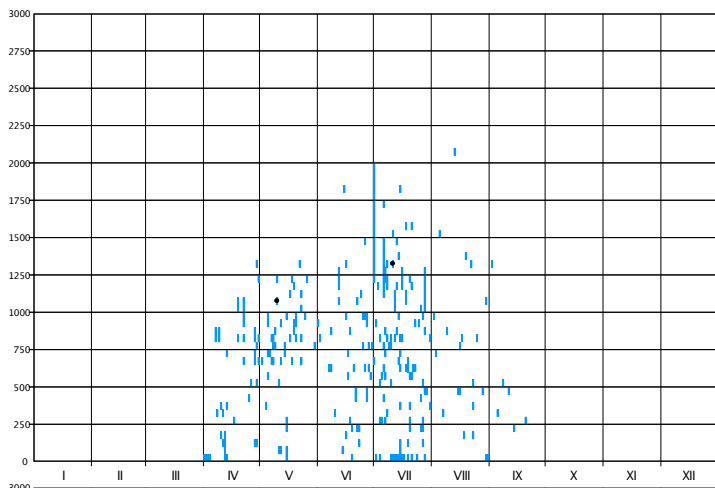




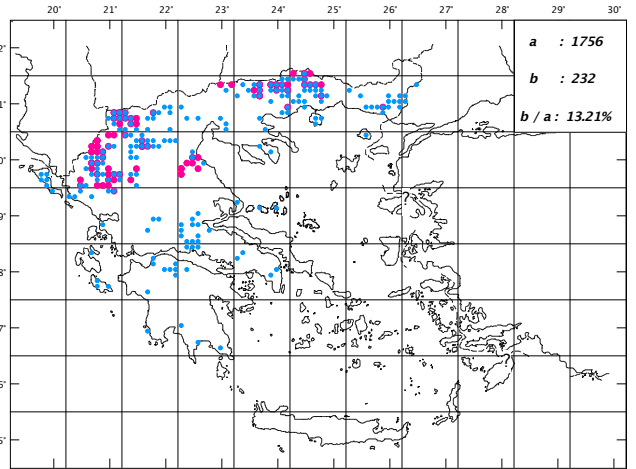


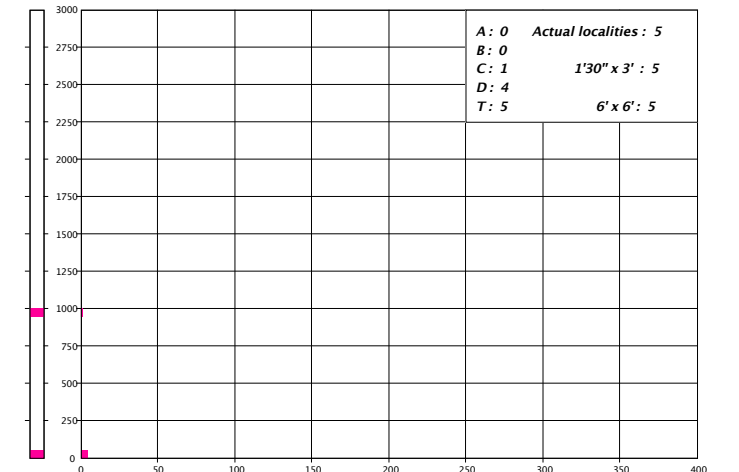
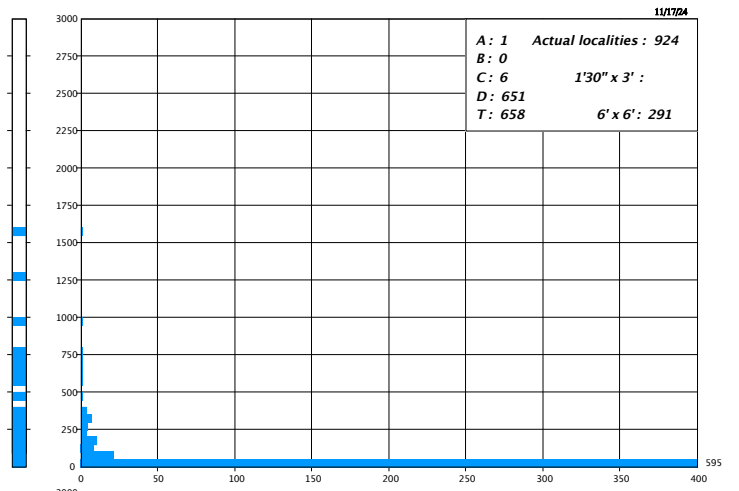
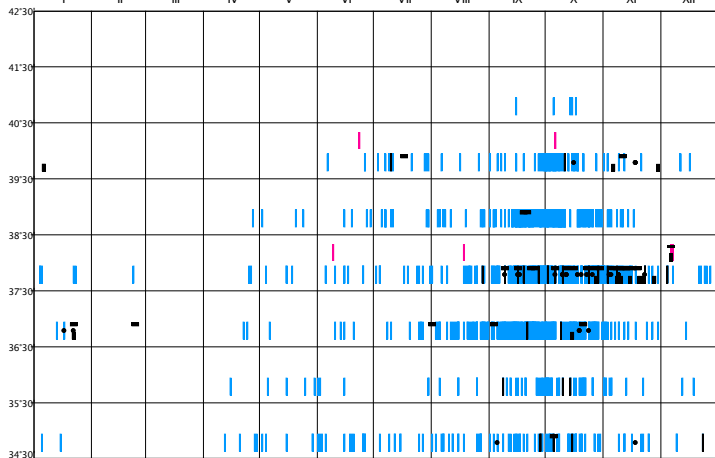
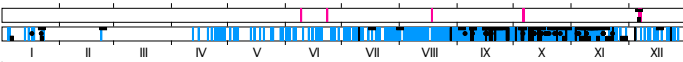
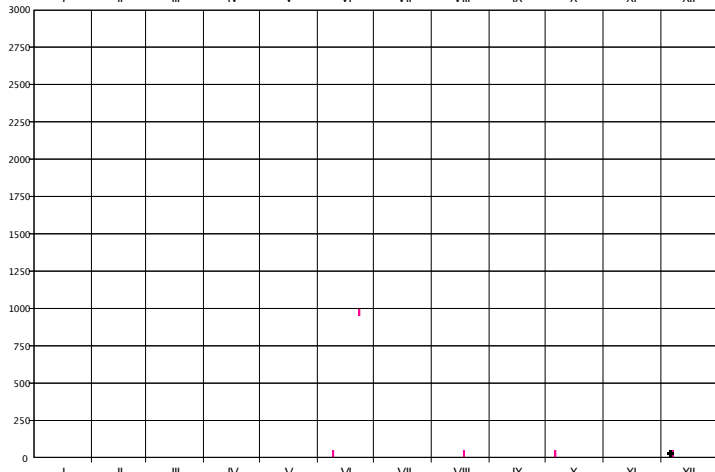
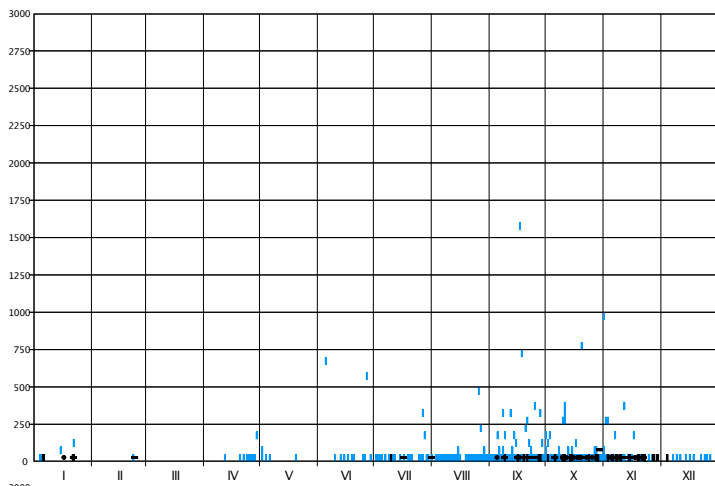
PIERIDAE *Leptidea juvernica*



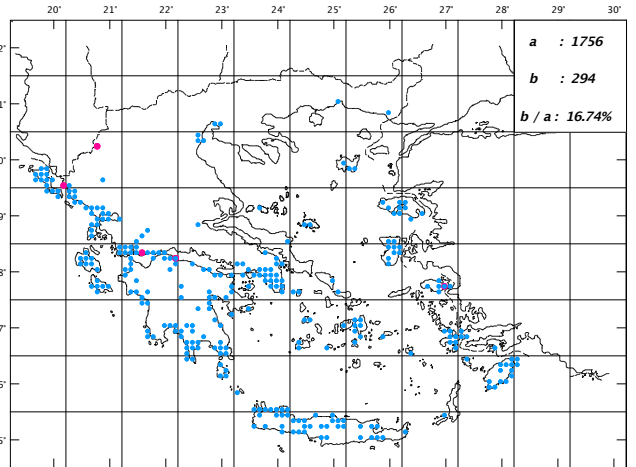


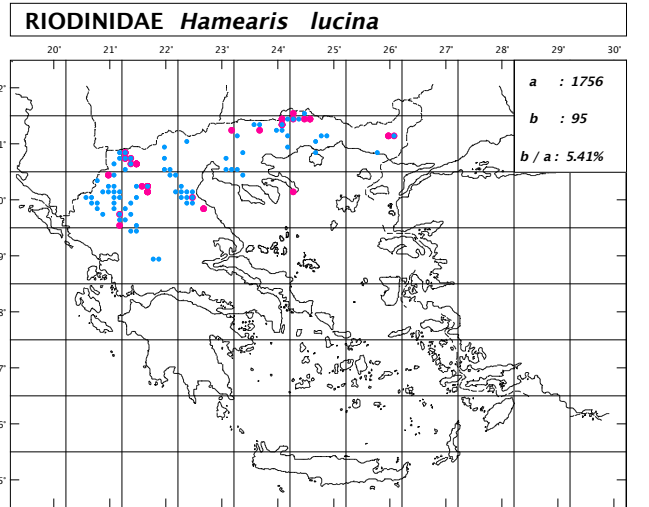
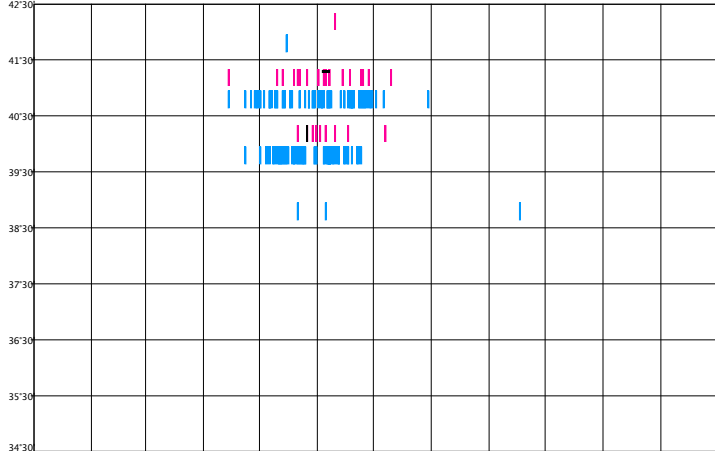
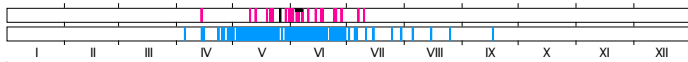
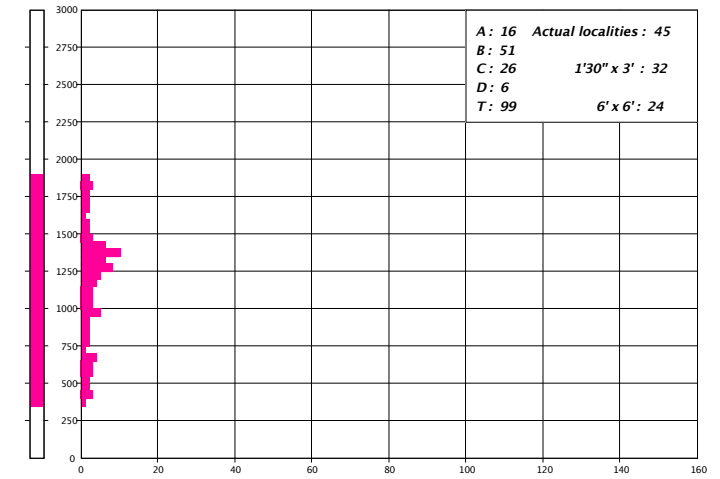
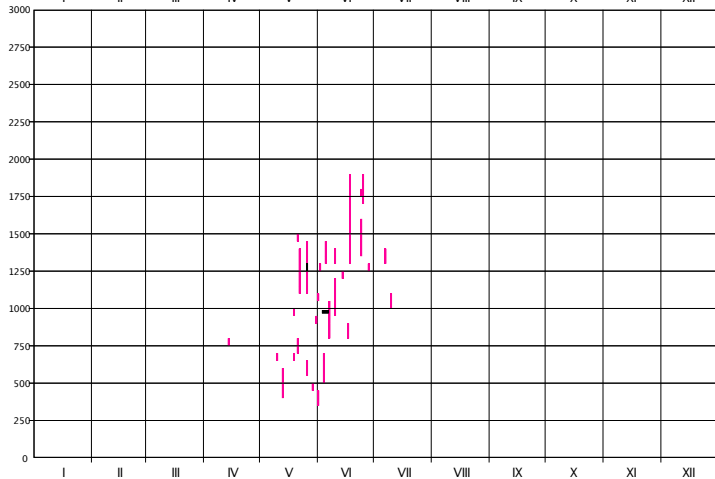
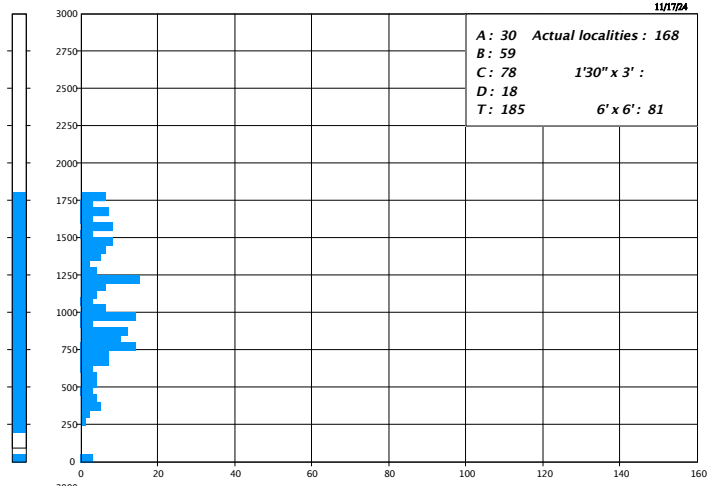
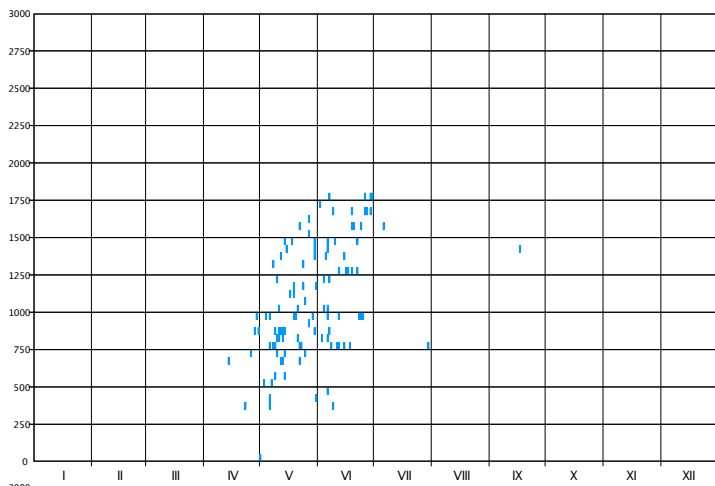
PIERIDAE *Leptidea duponcheli*

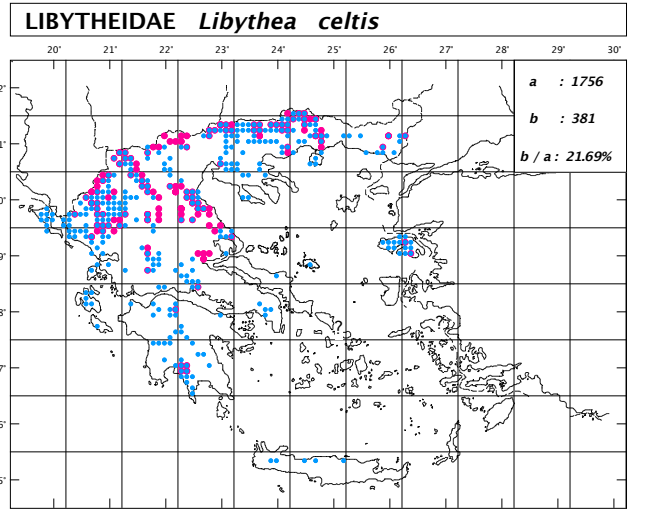
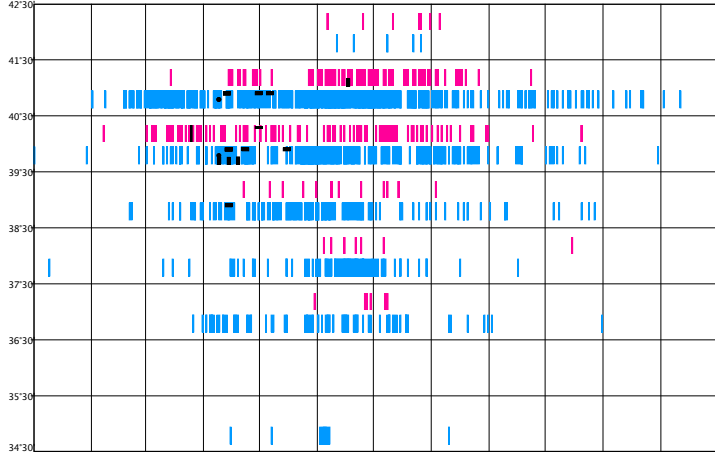
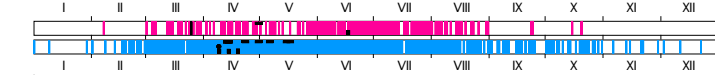
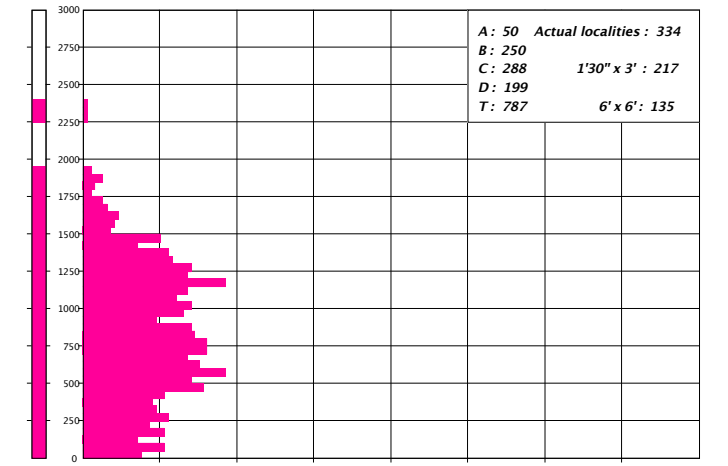
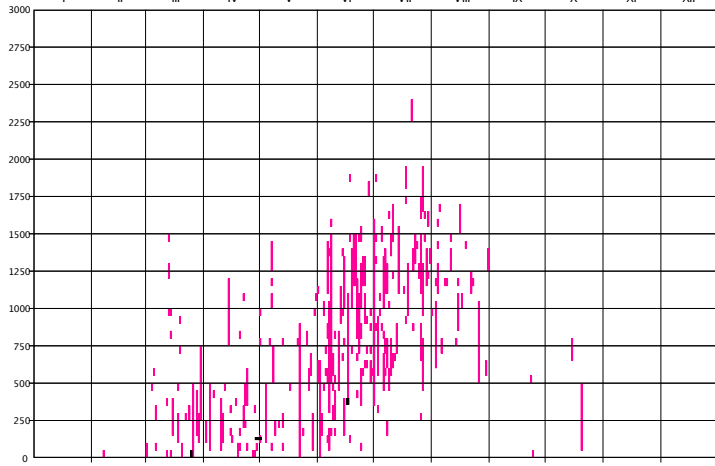
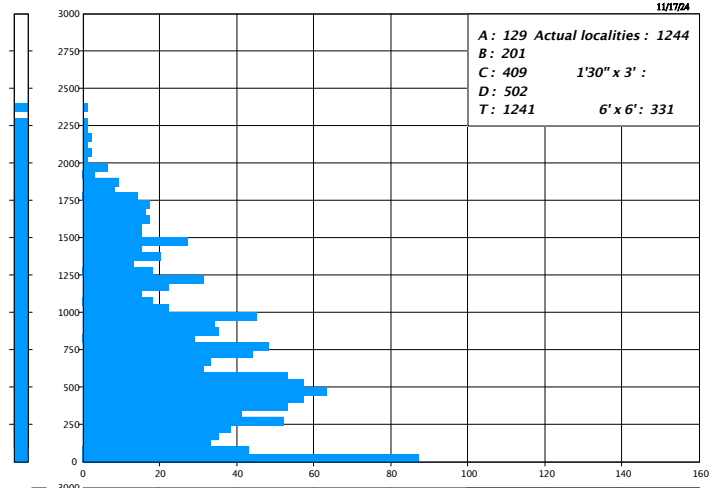
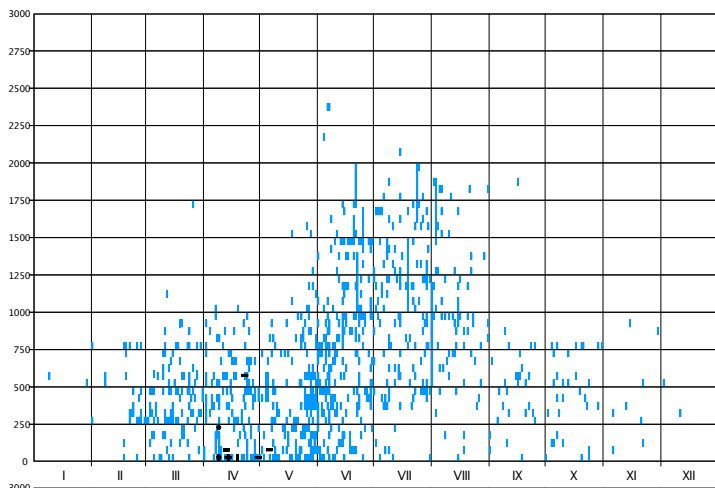


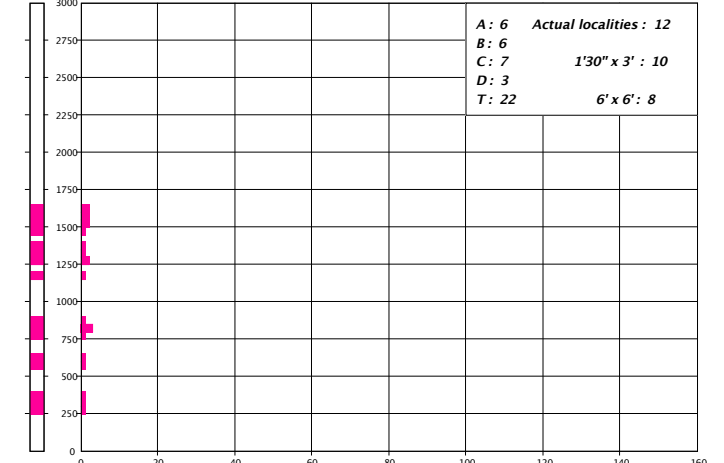
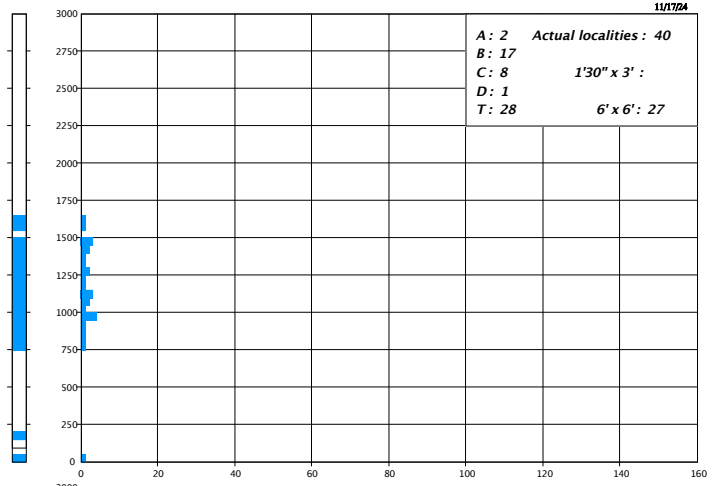
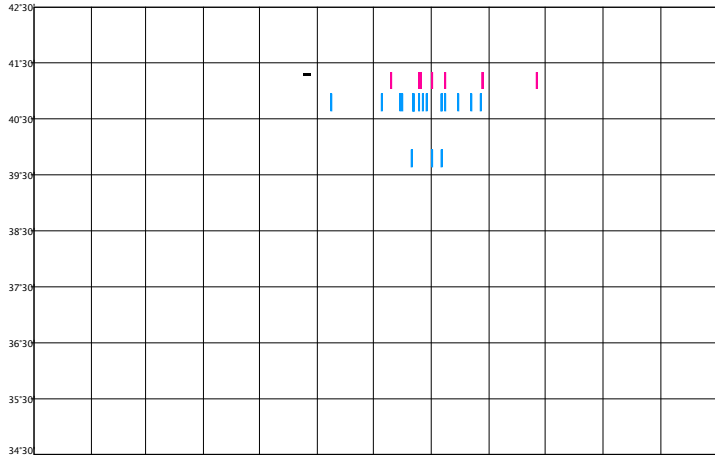
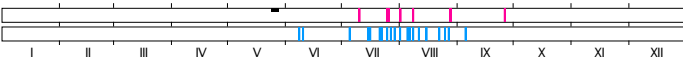
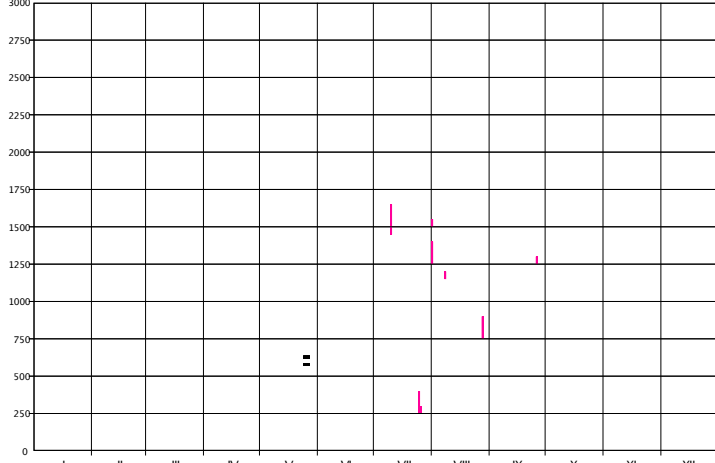
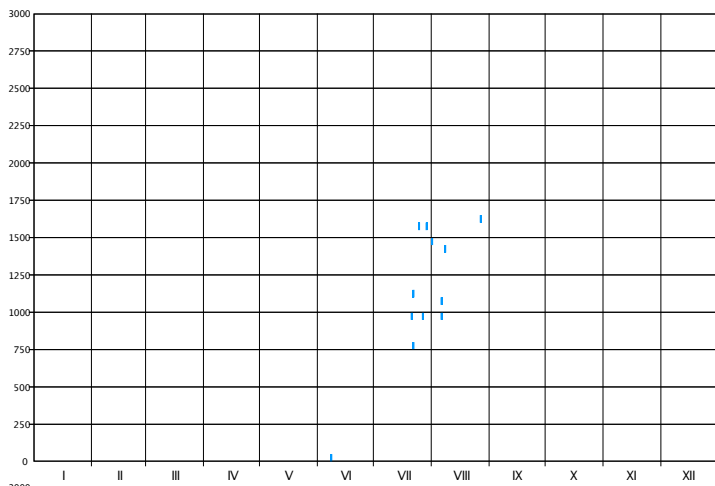


DANAIDAE *Danaus chrysippus*

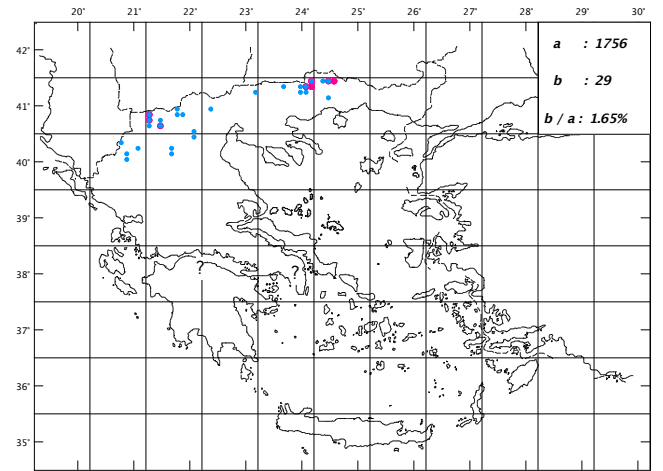


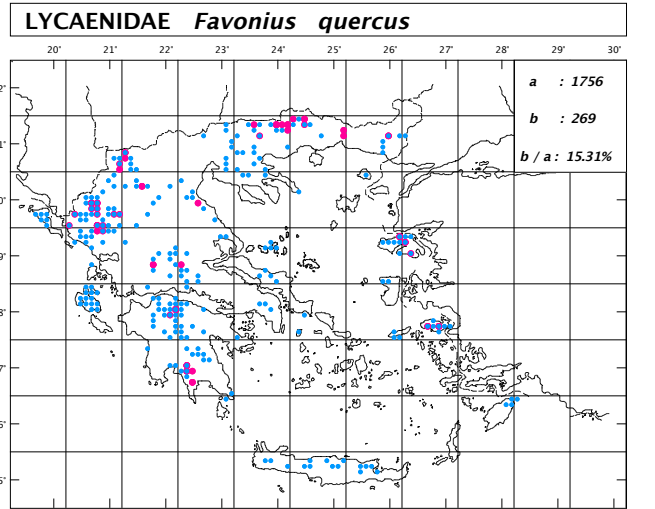
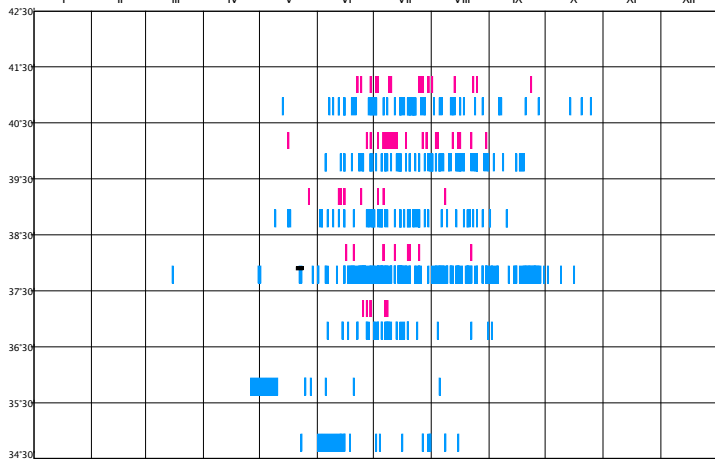
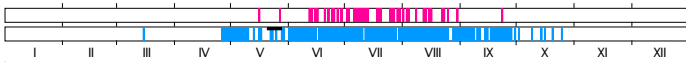
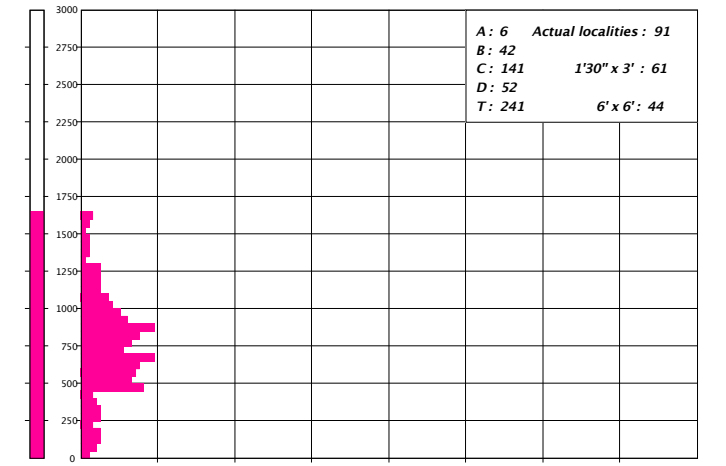
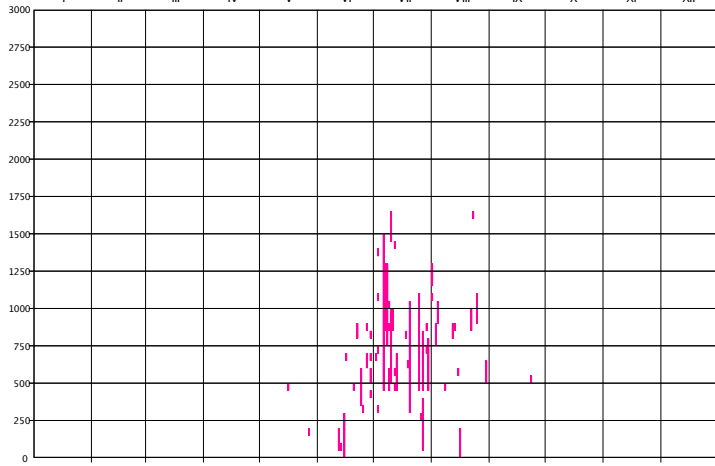
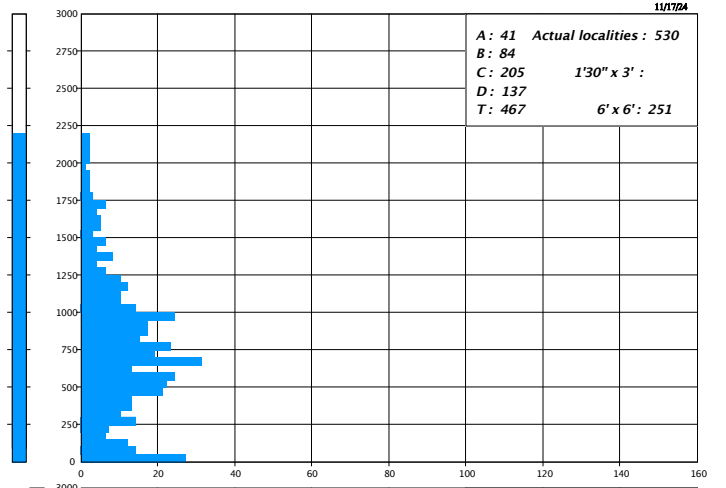
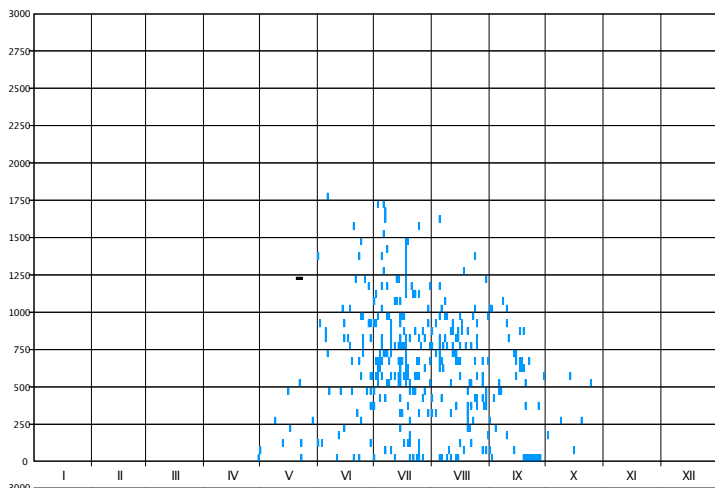


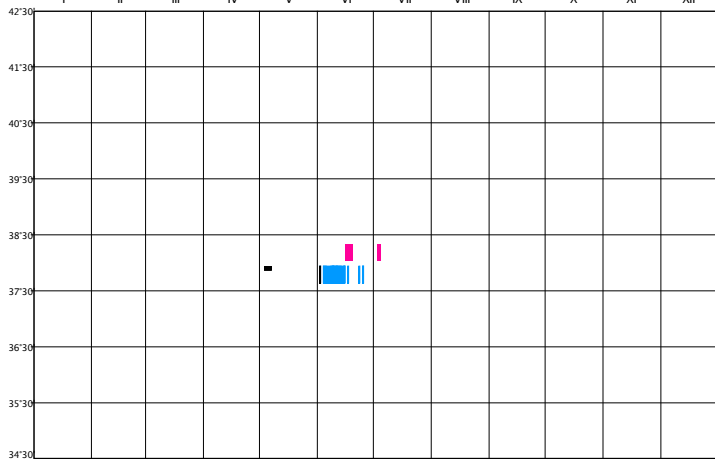
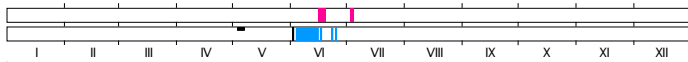
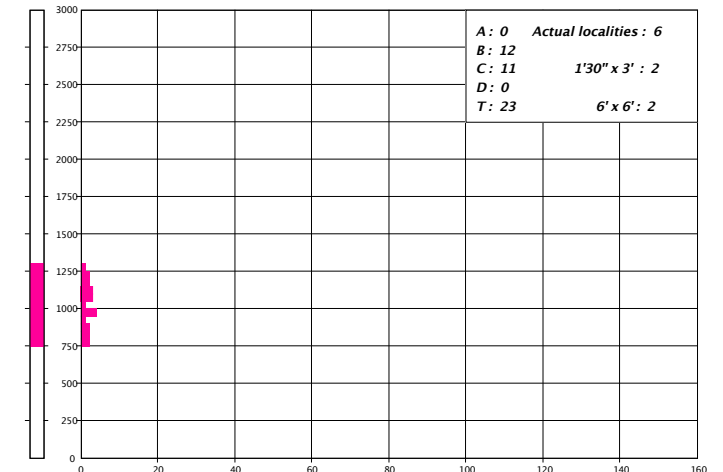
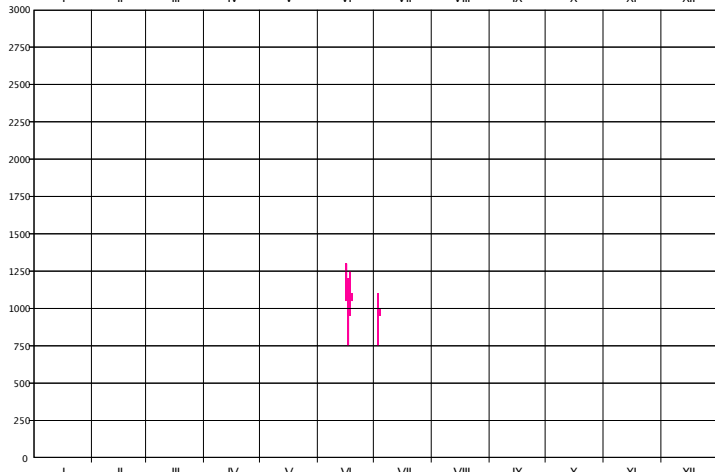
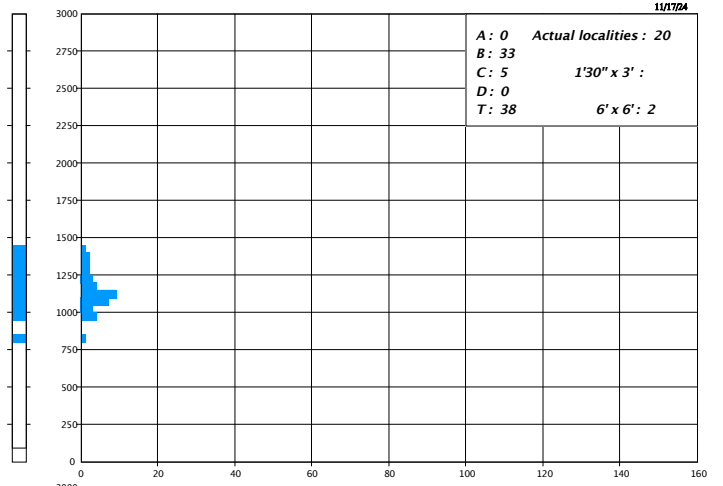
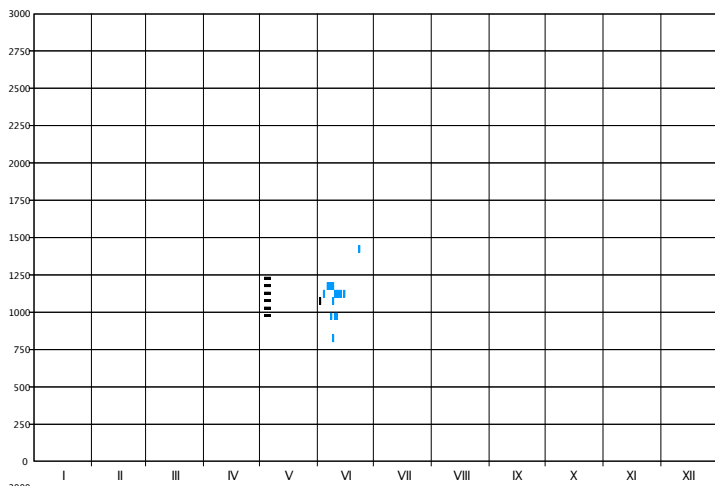




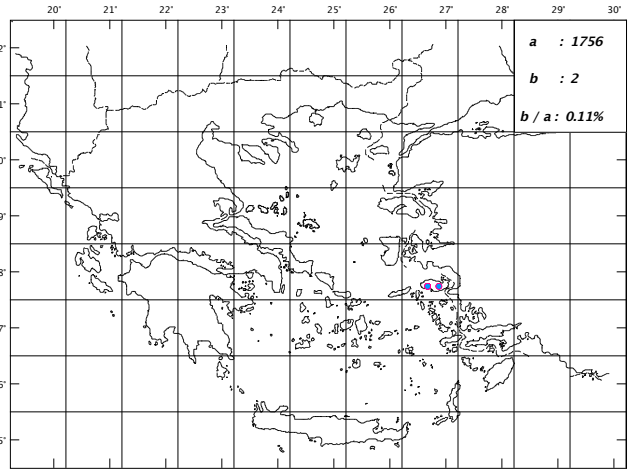
LYCAENIDAE *Thecla betulae*

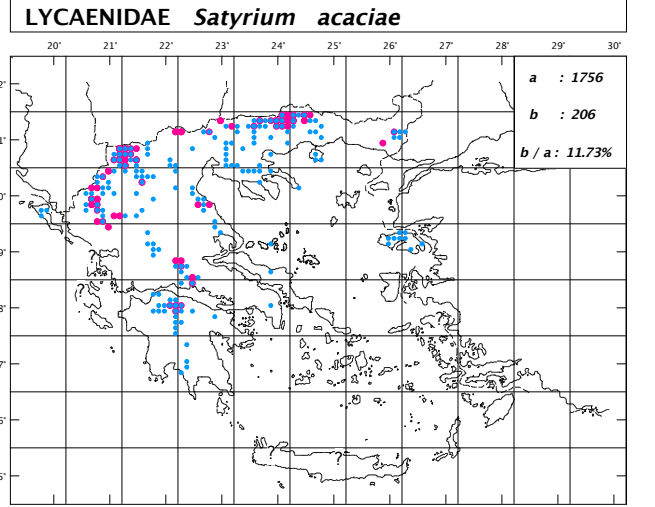
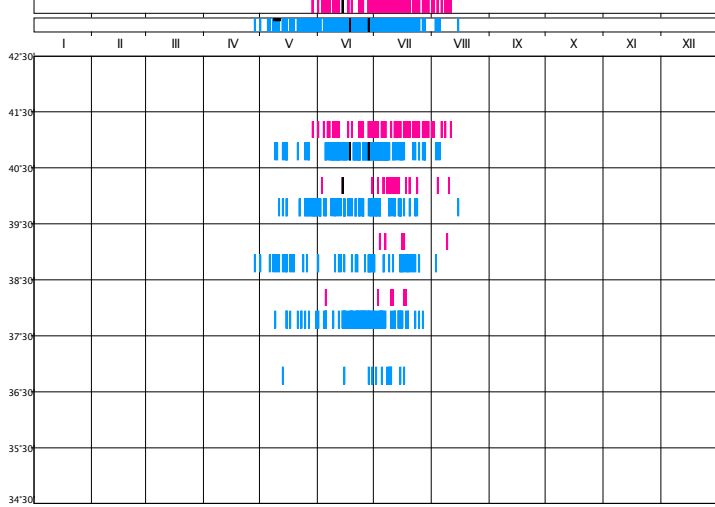
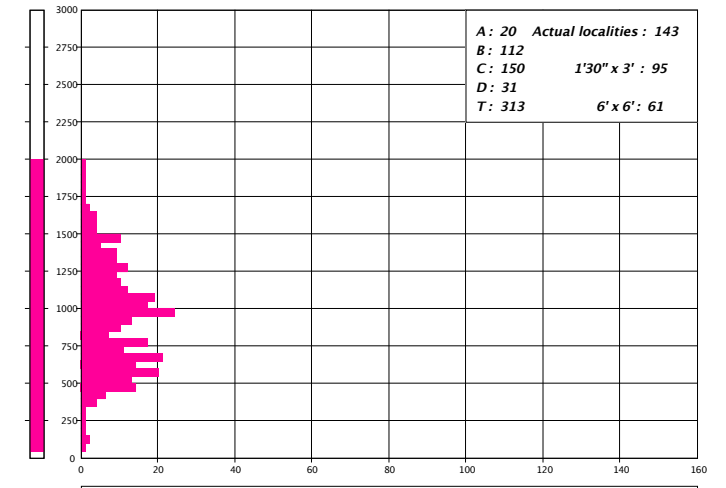
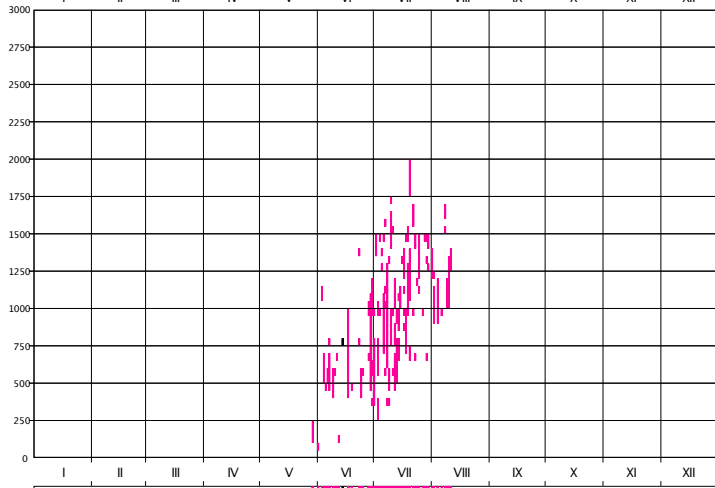
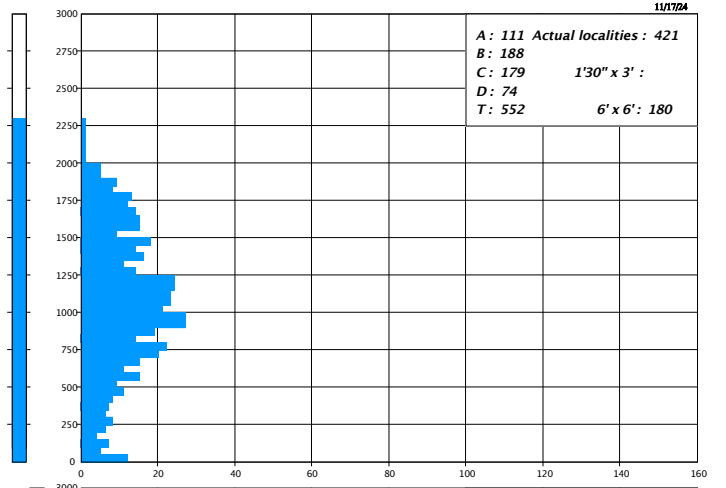
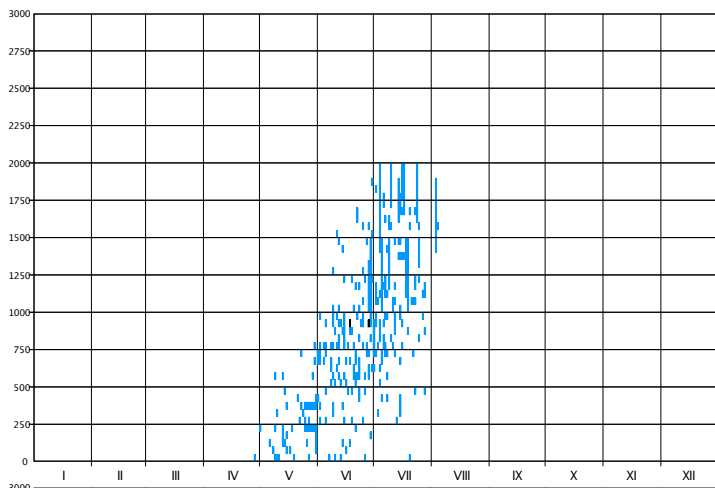


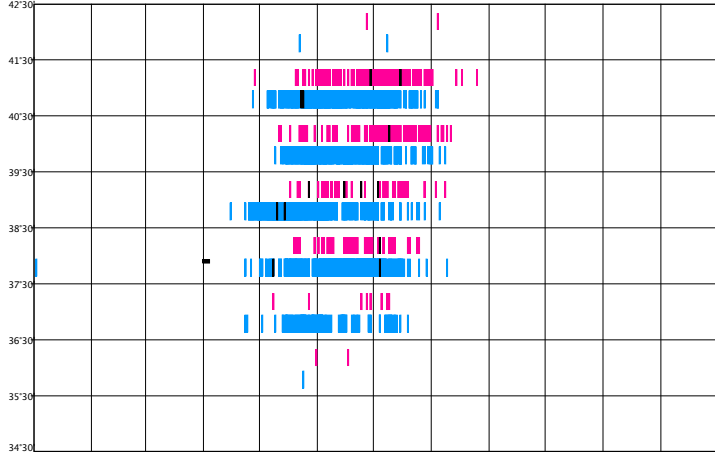
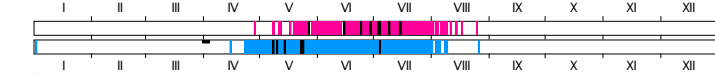
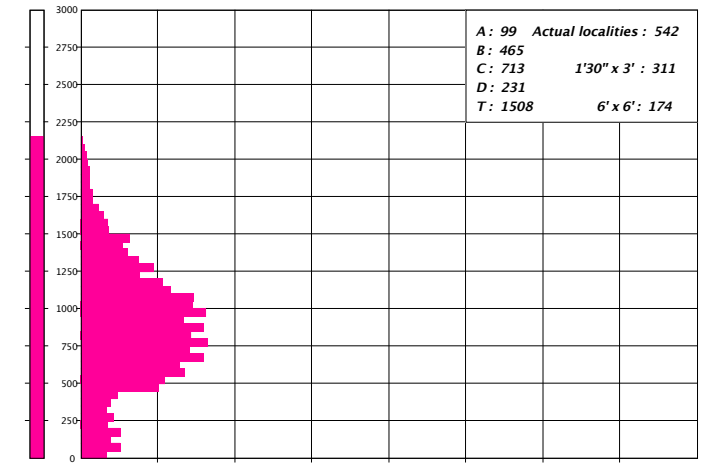
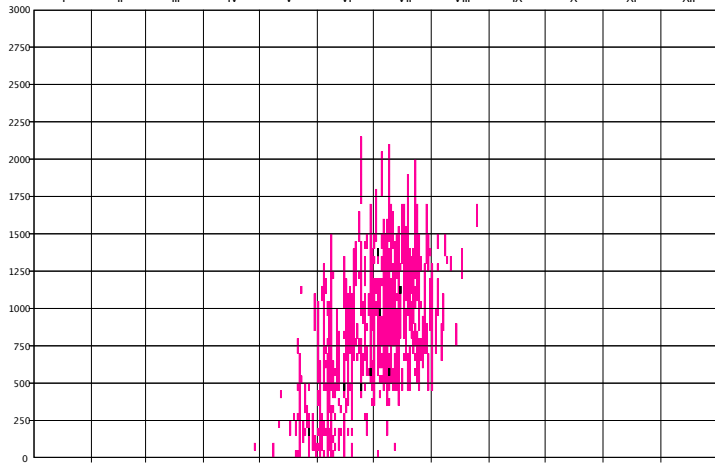
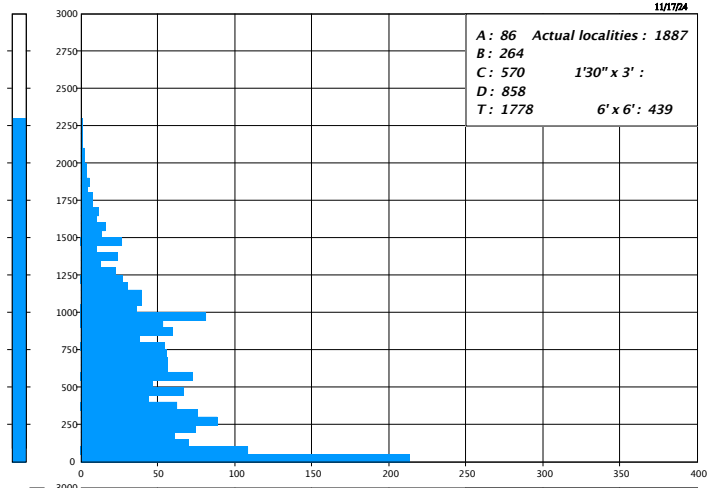
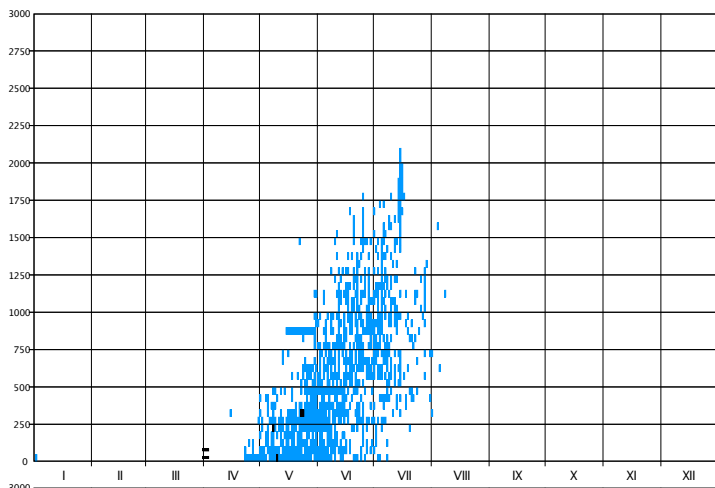




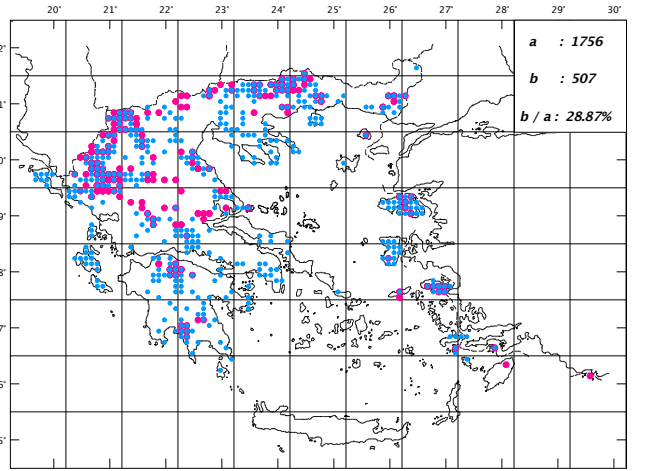
LYCAENIDAE *Satyrium ledereri*

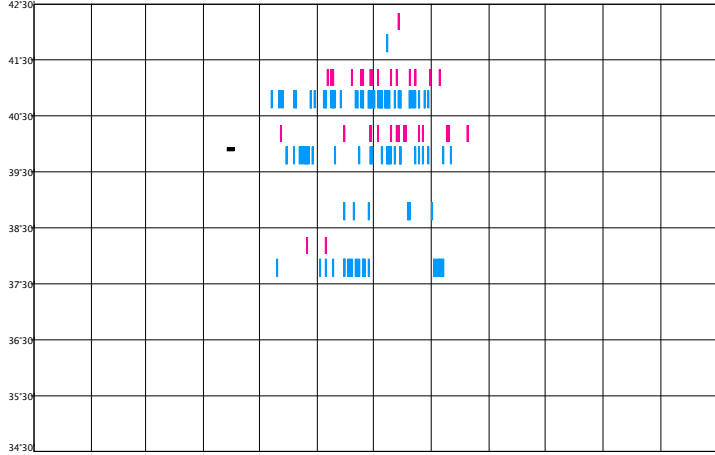
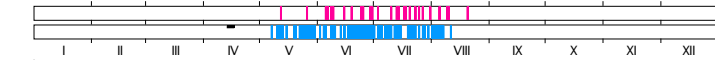
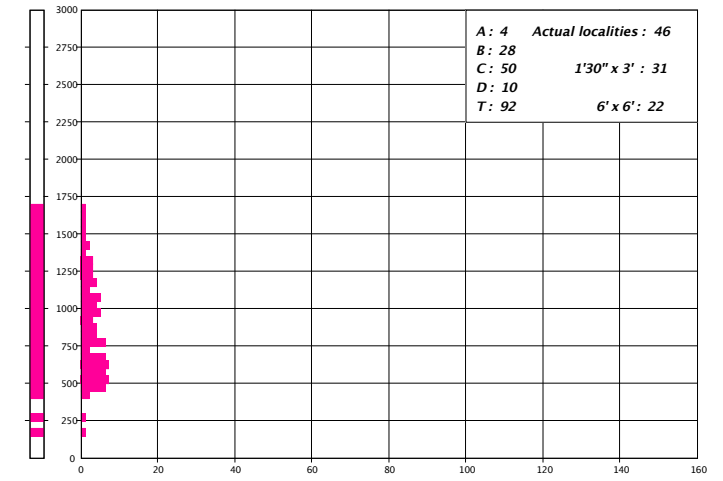
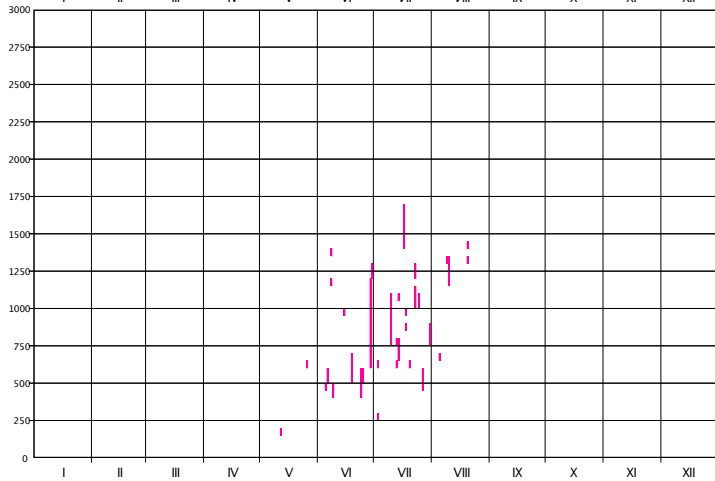
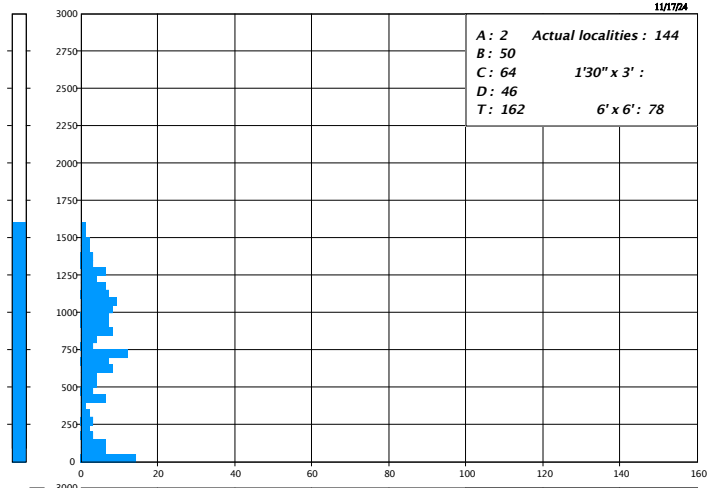
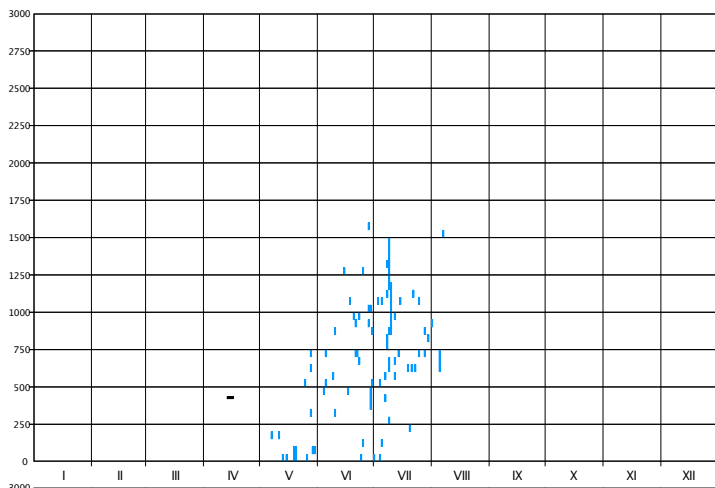




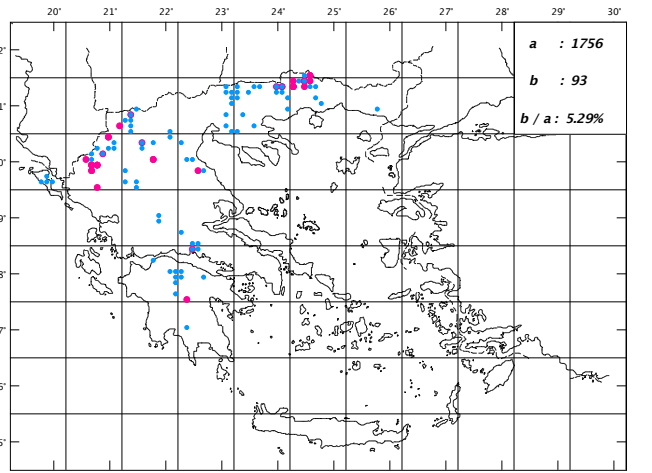


LYCAENIDAE *Satyrium ilicis*

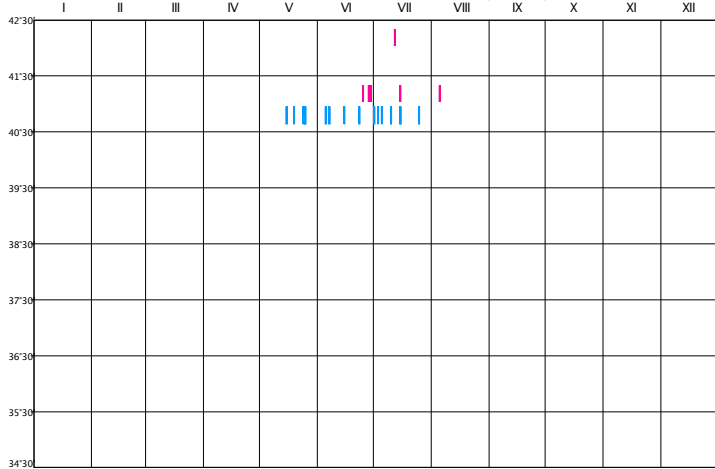
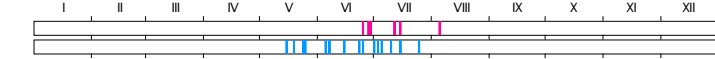
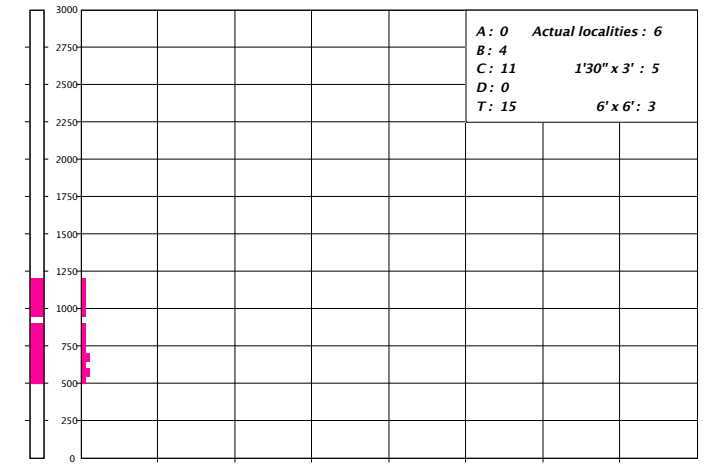
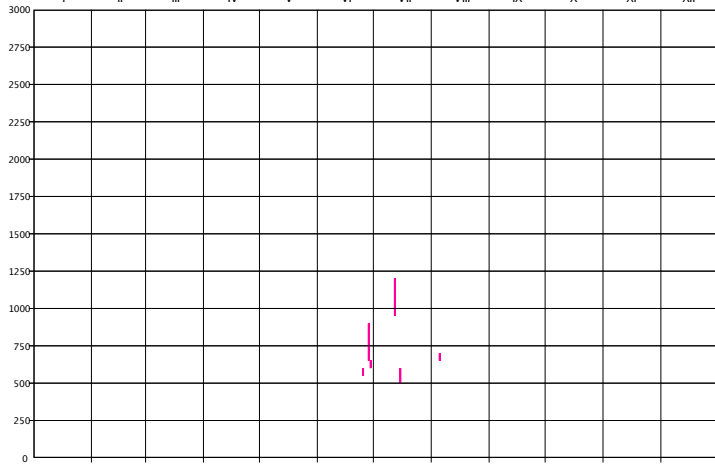
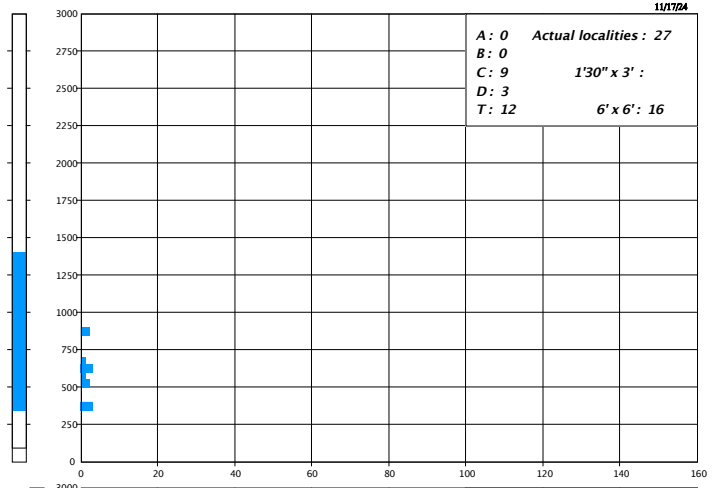
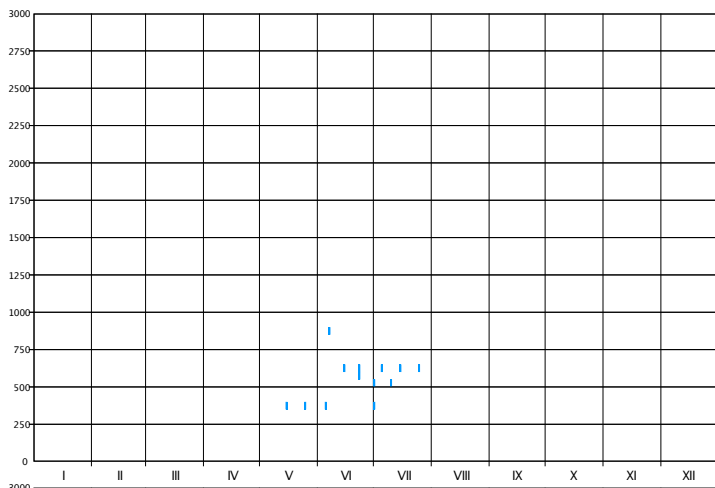




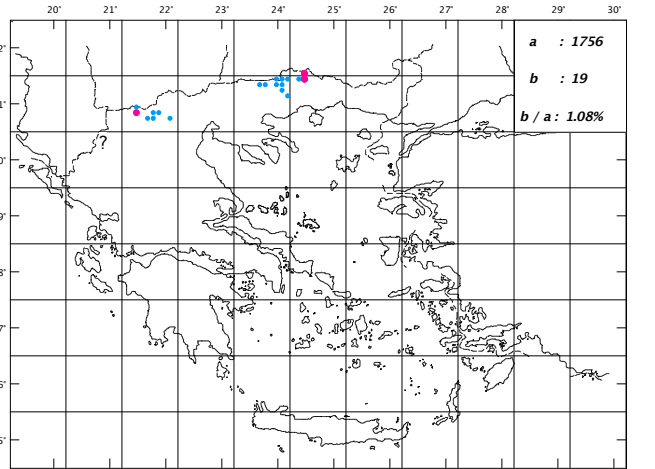
LYCAENIDAE *Satyrium w-album*

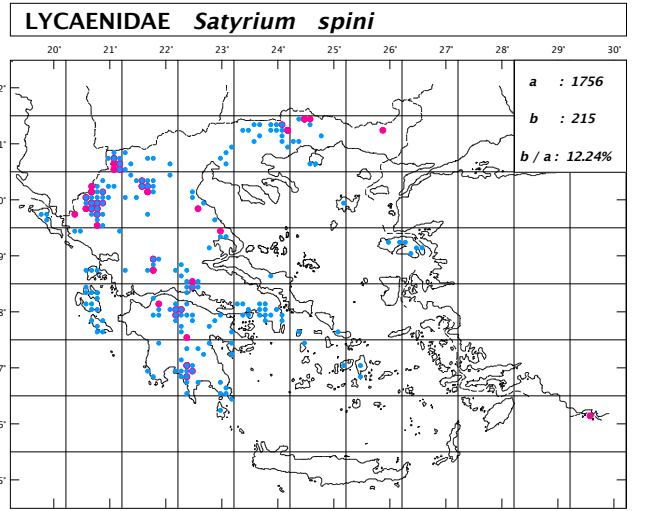
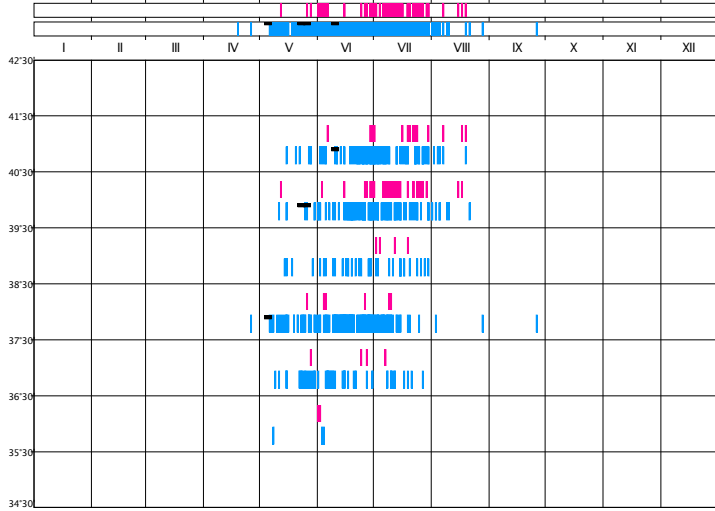
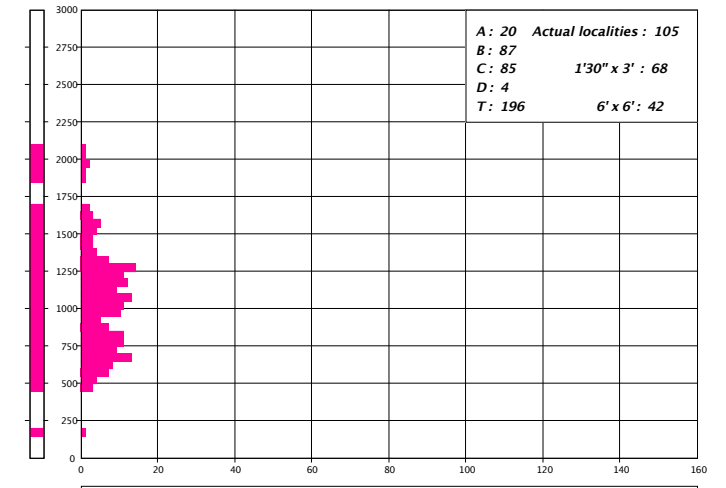
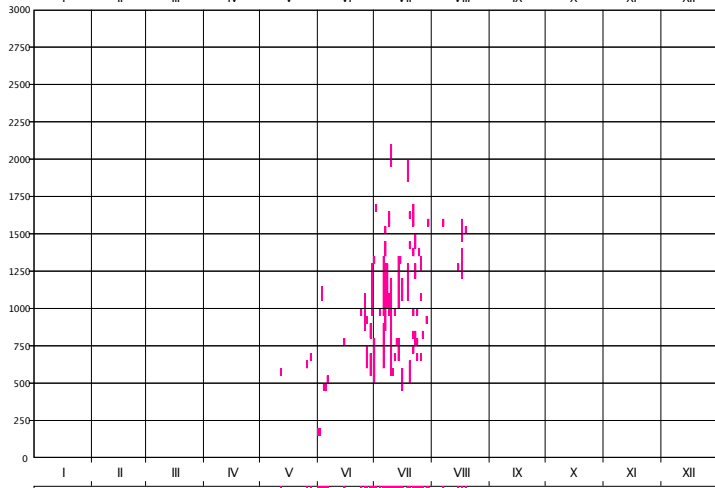
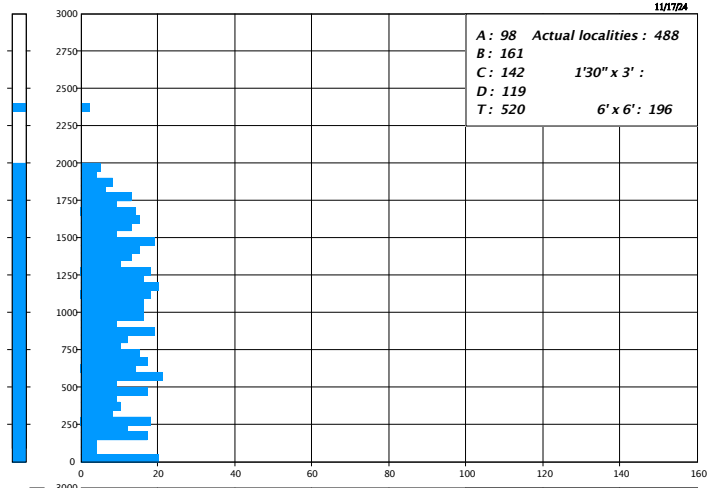
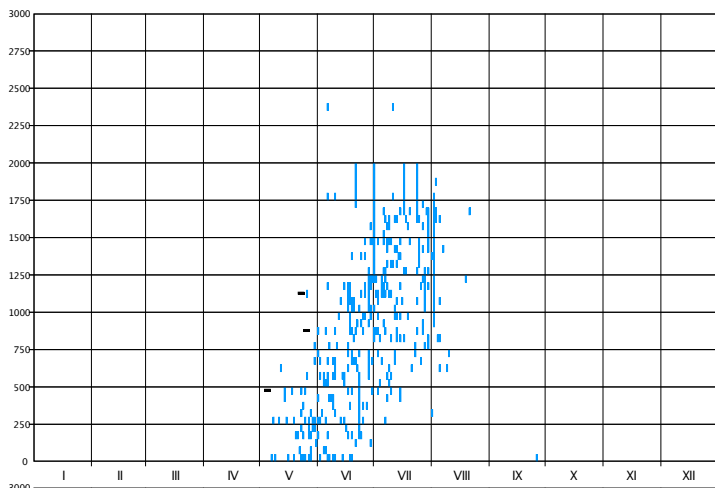


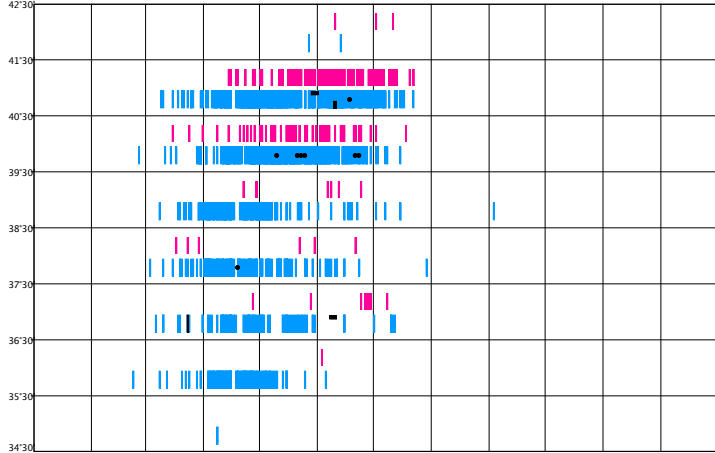
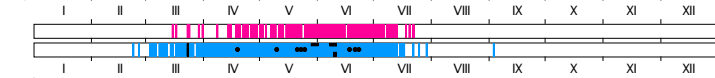
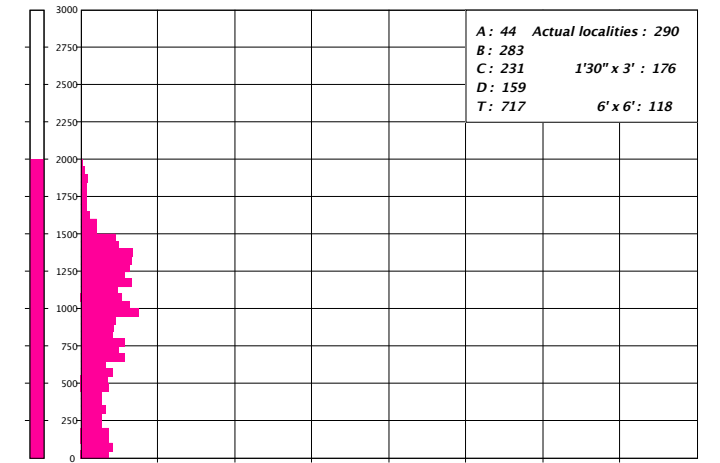
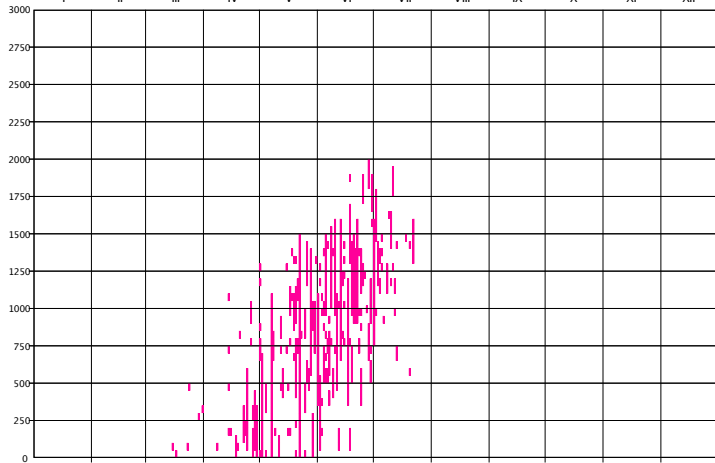
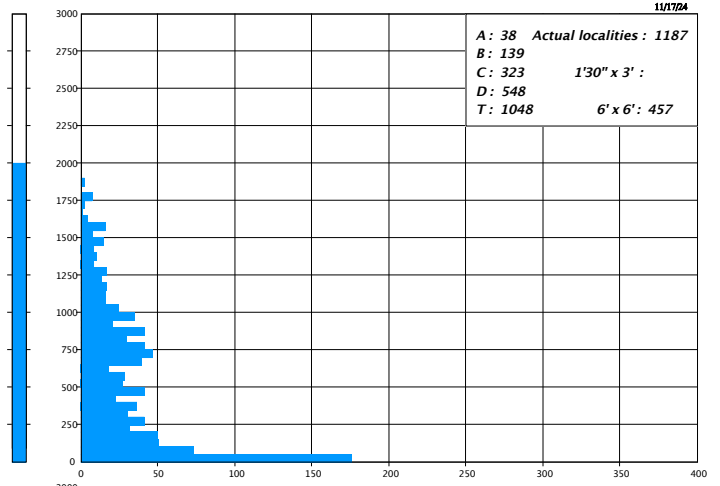
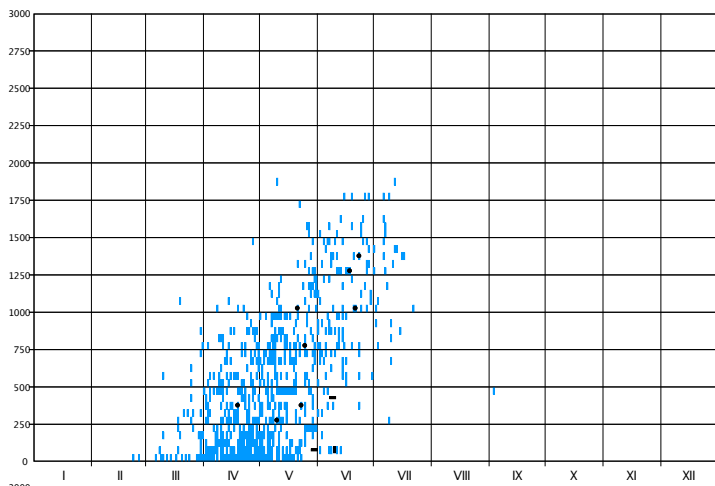
11/17/24



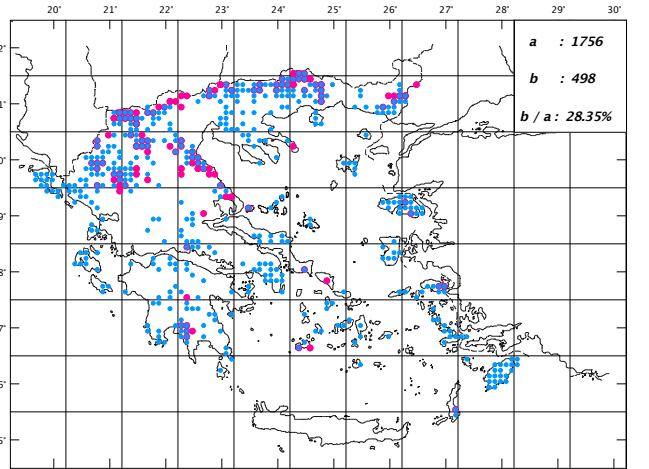
LYCAENIDAE *Satyrium pruni*

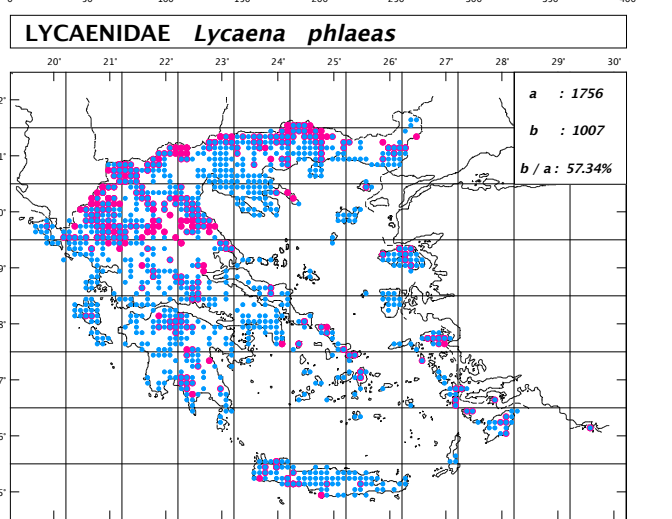
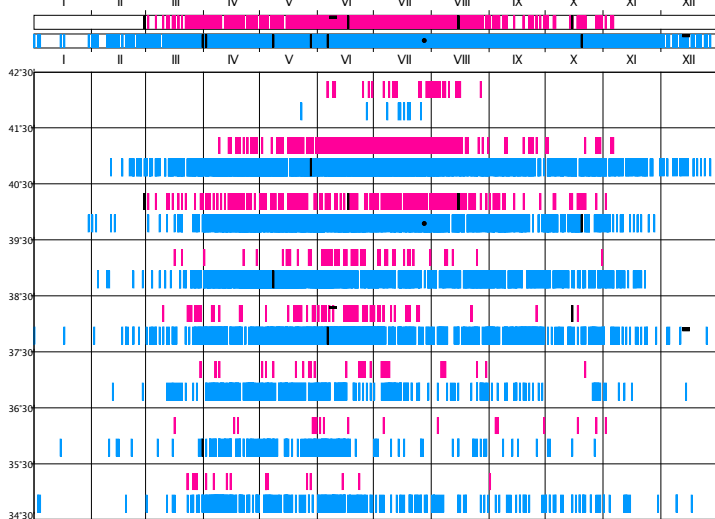
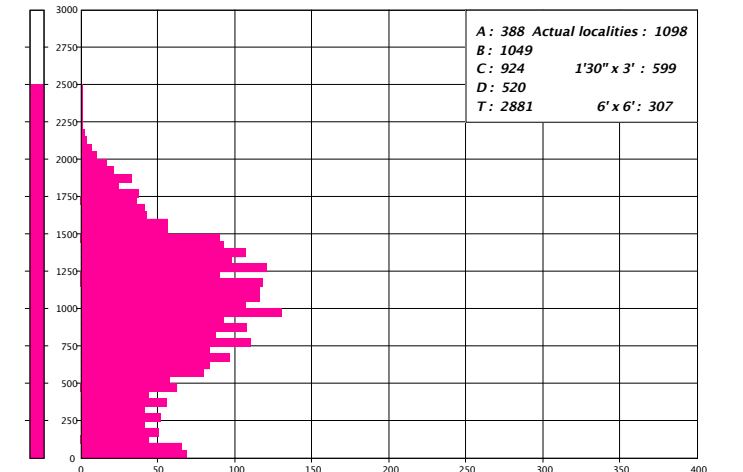
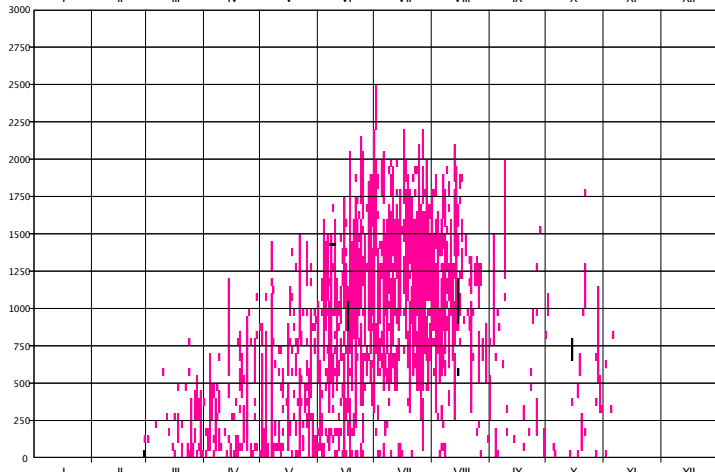
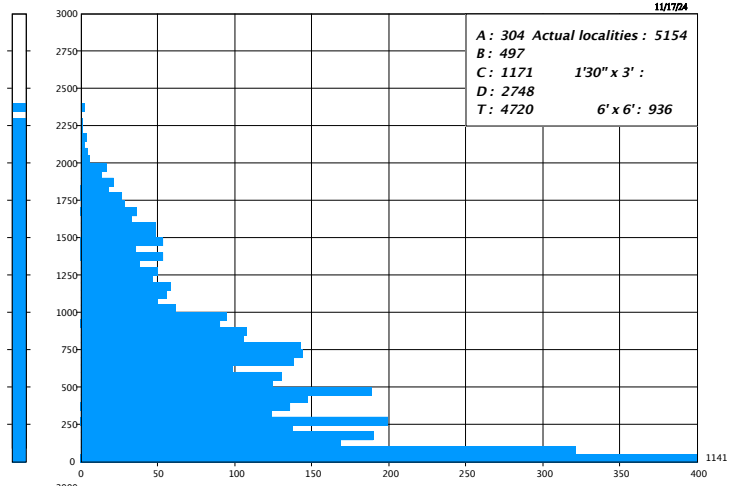
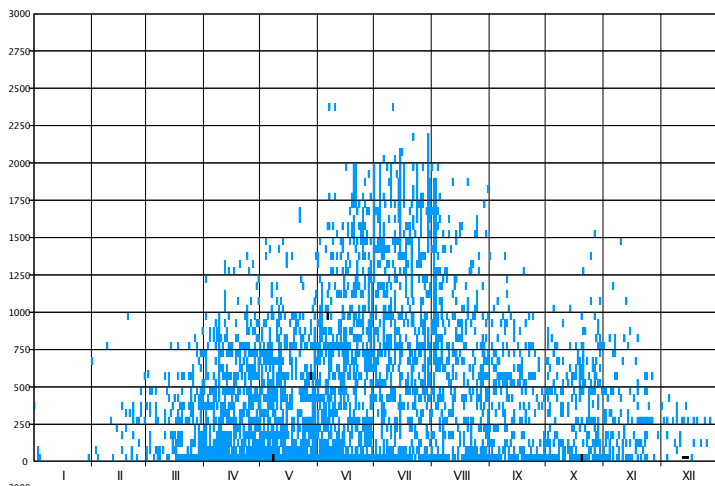


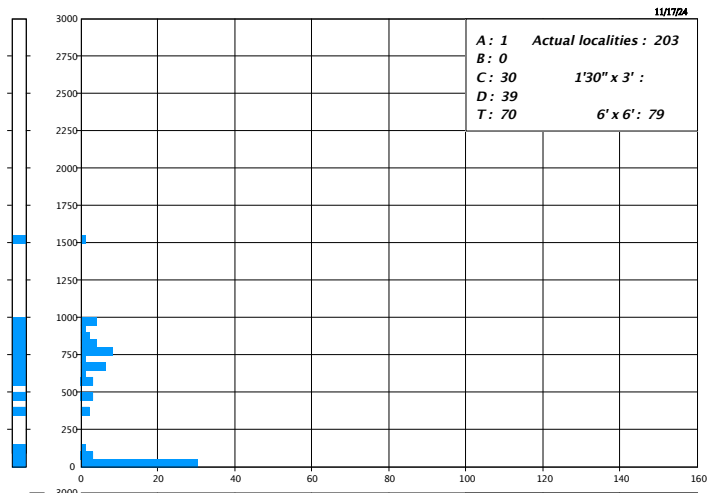
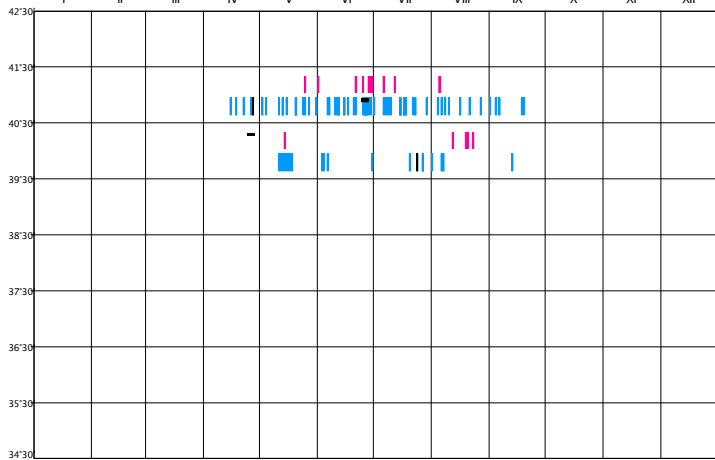
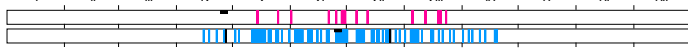
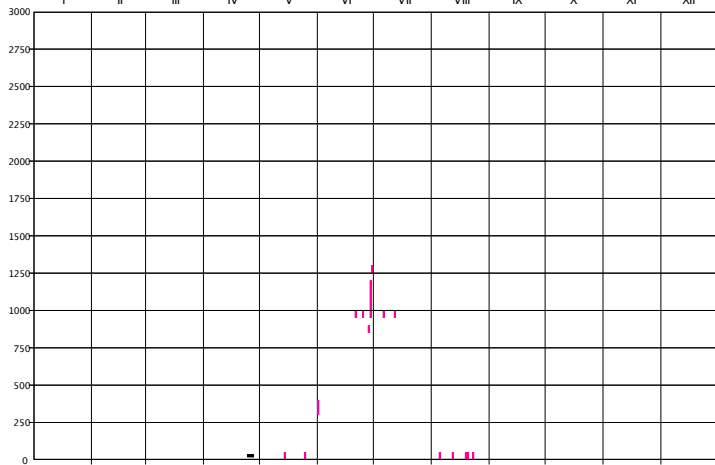
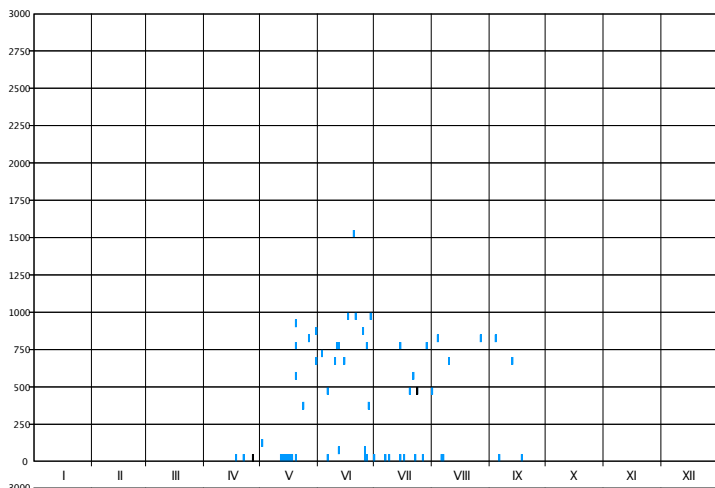




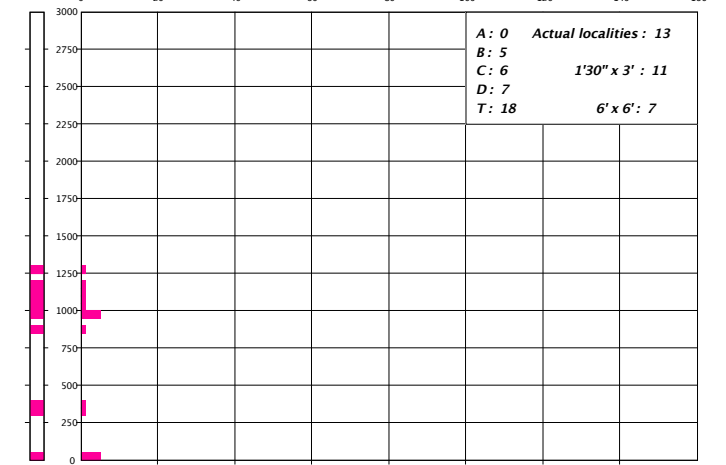
LYCAENIDAE *Callophrys rubi*





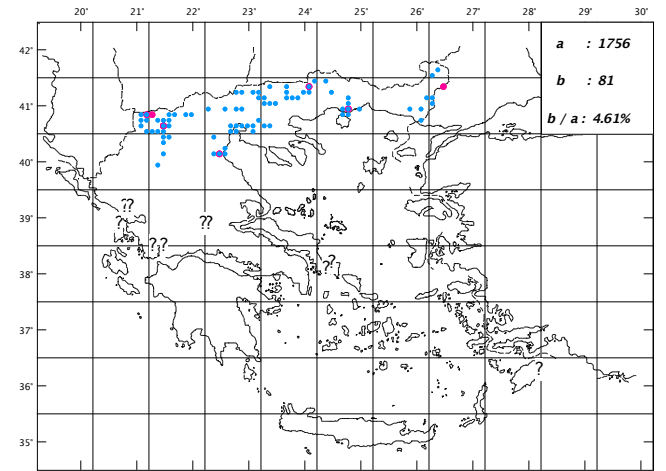


11/17/24
A : 1 Actual localities : 203
B : 0
C : 30 1'30" x 3' :
D : 39
T : 70 6' x 6' : 79

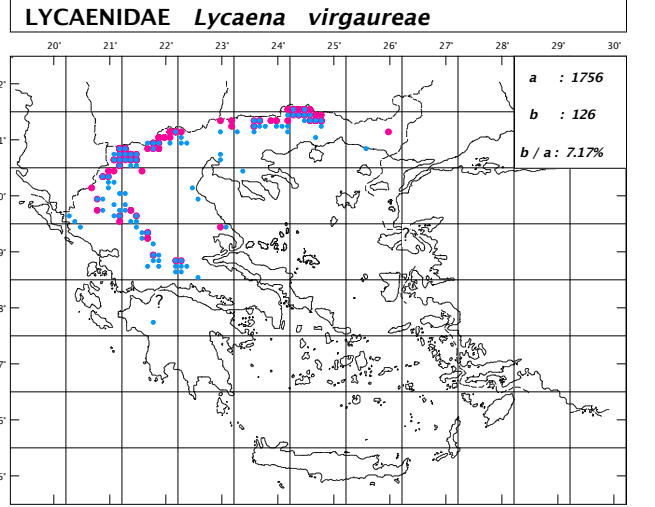
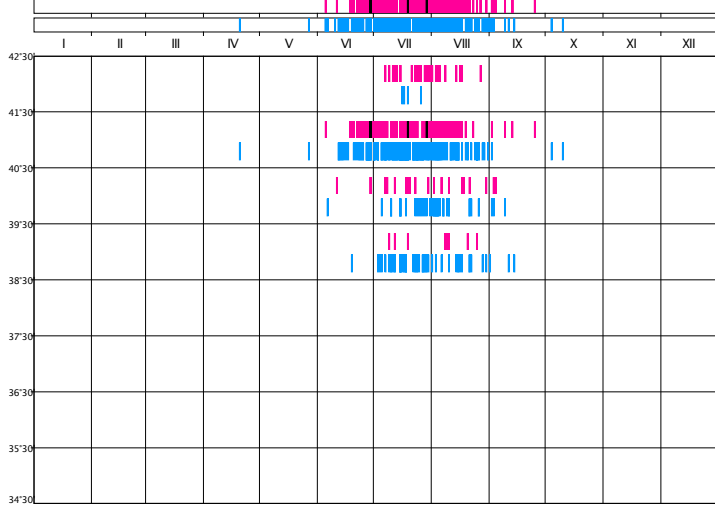
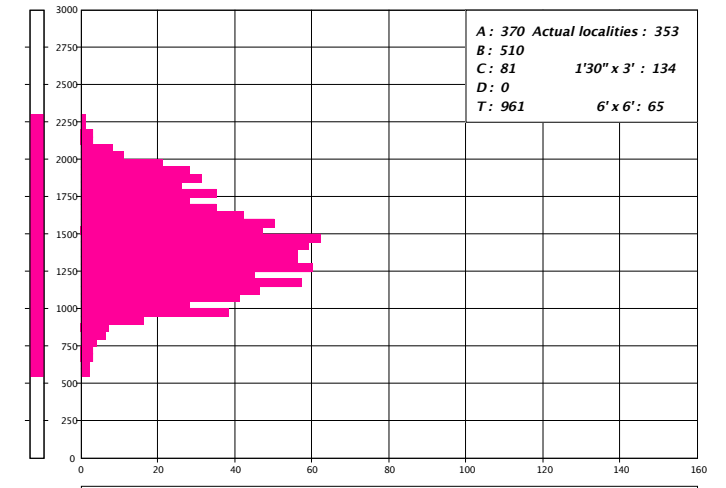
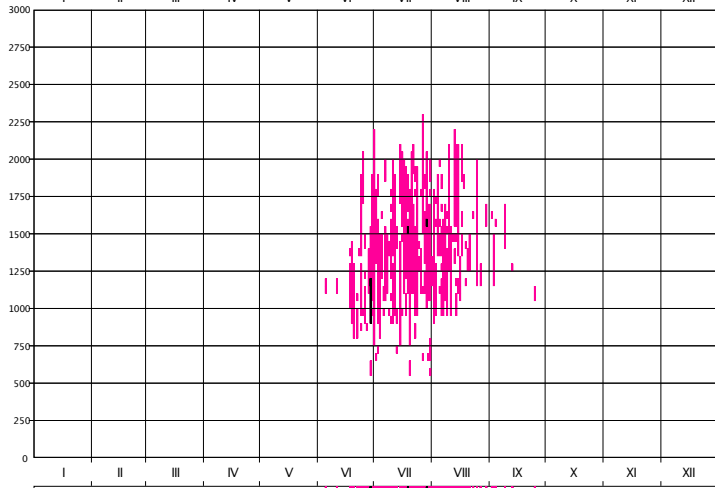
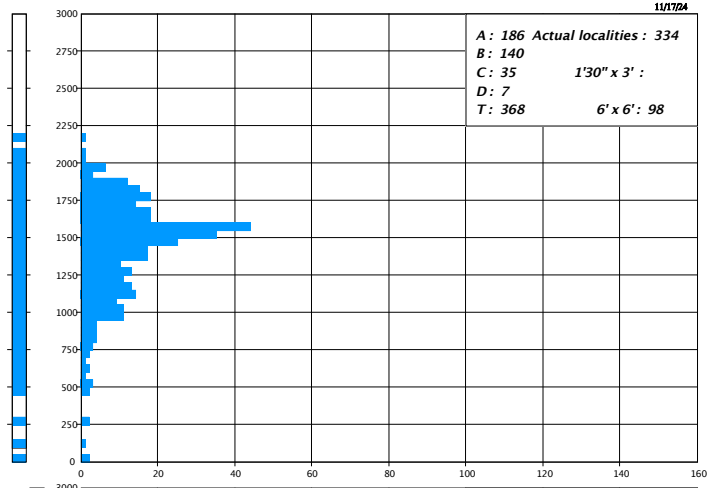
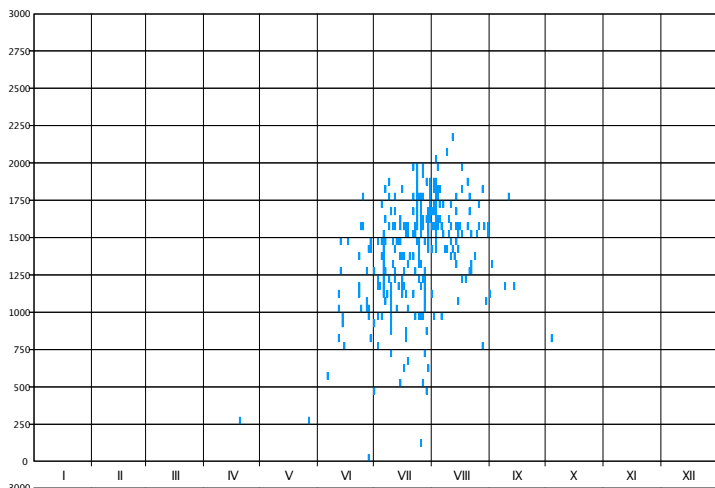


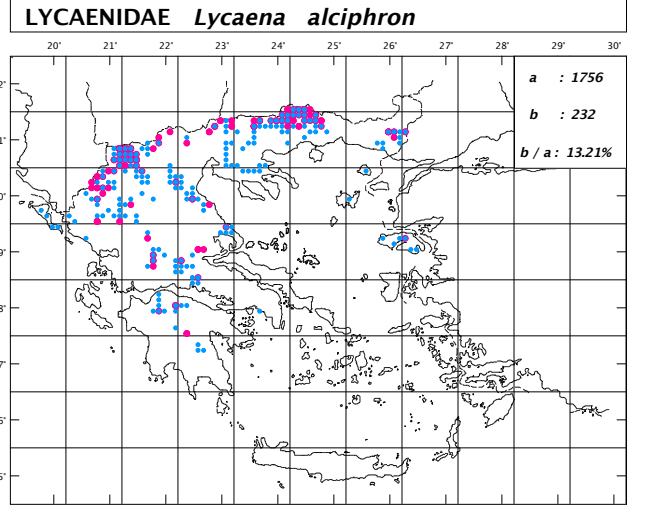
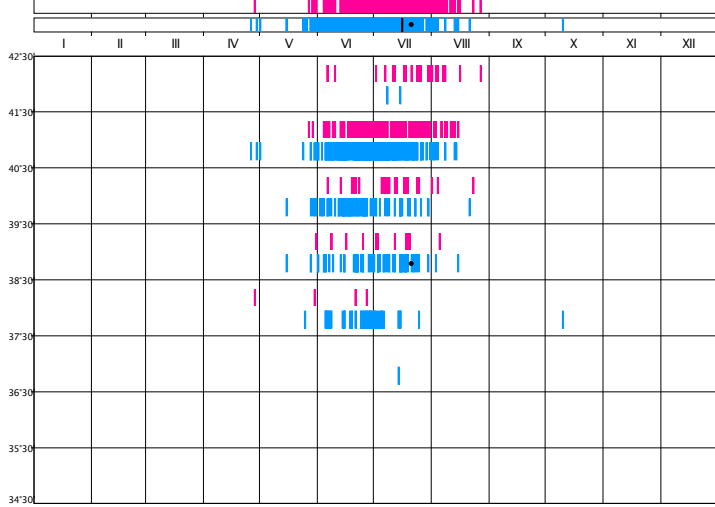
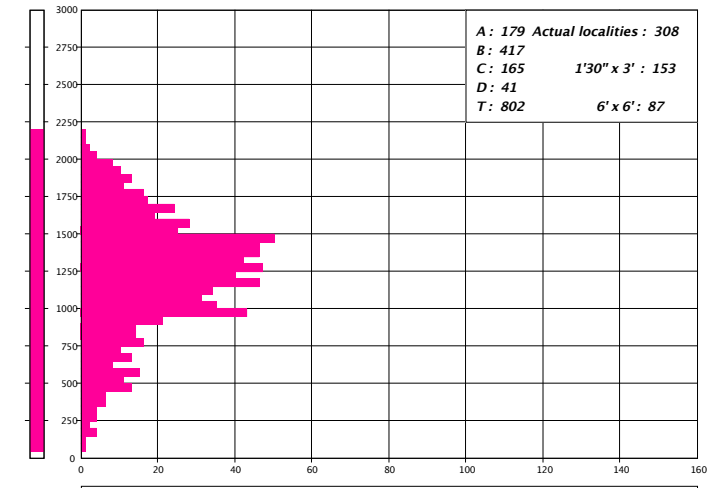
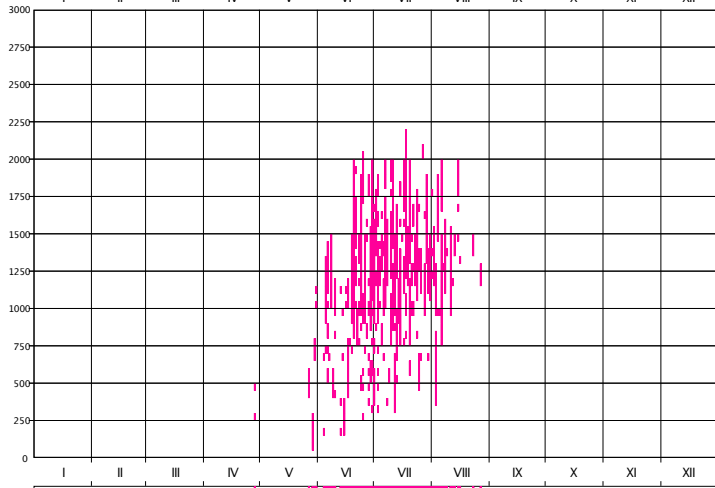
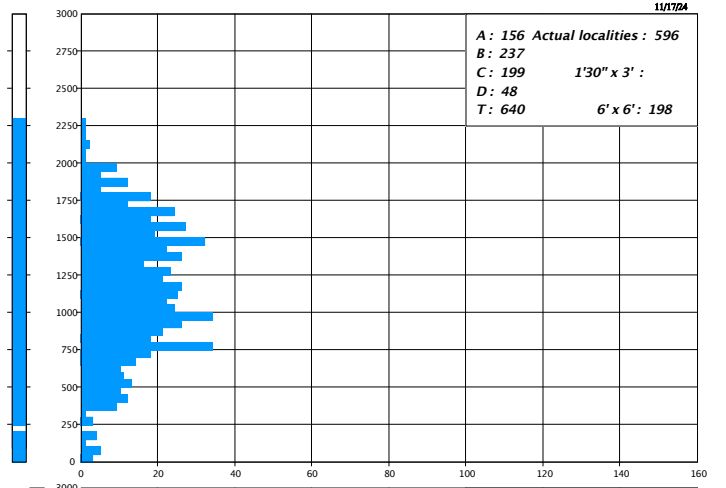
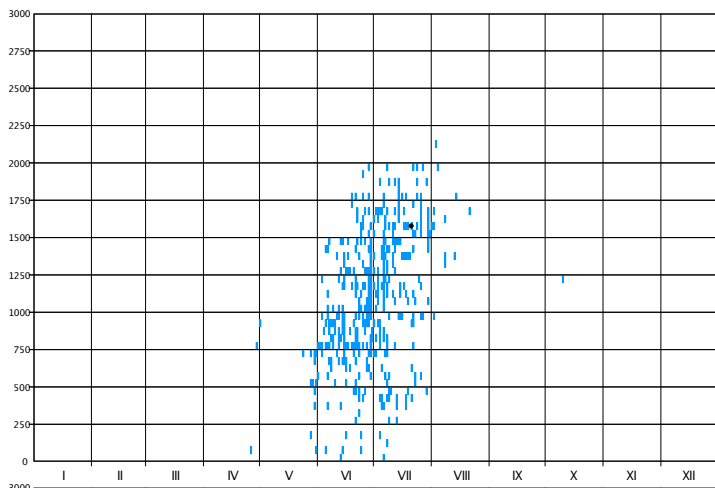
A : 0 Actual localities : 13
B : 5
C : 6 1'30" x 3' : 11
D : 7
T : 18 6' x 6' : 7

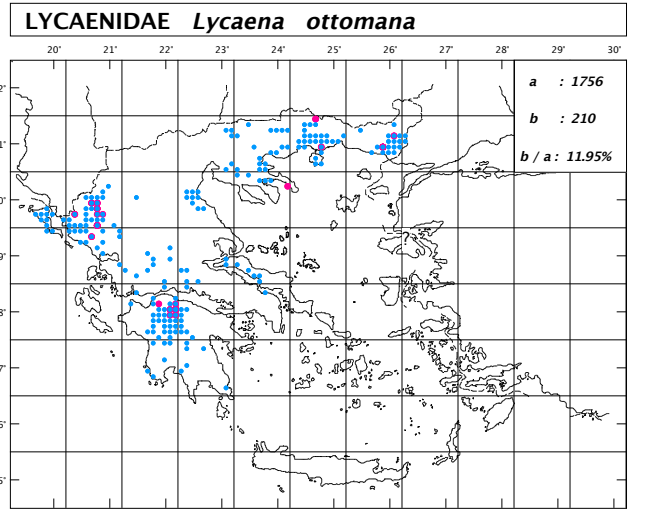
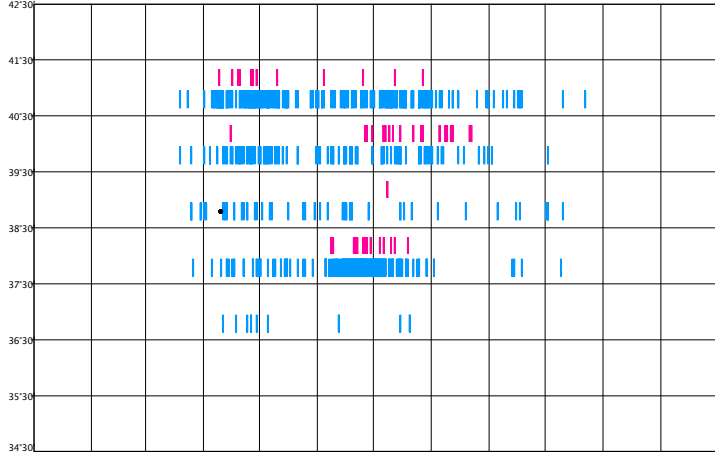
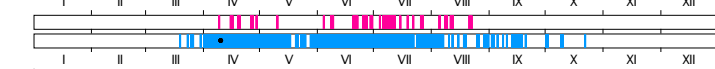
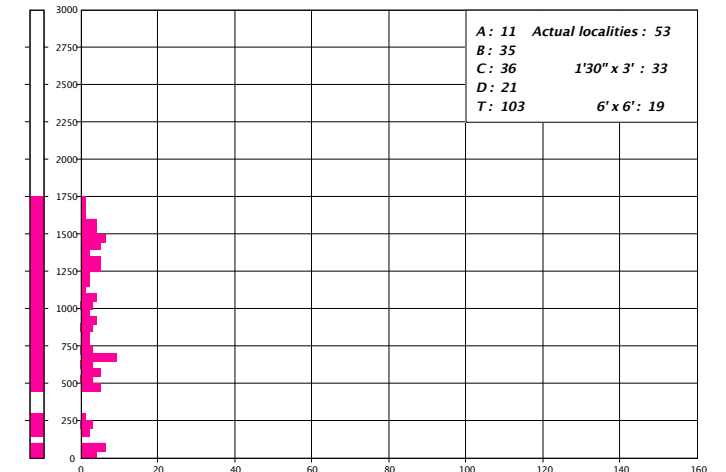
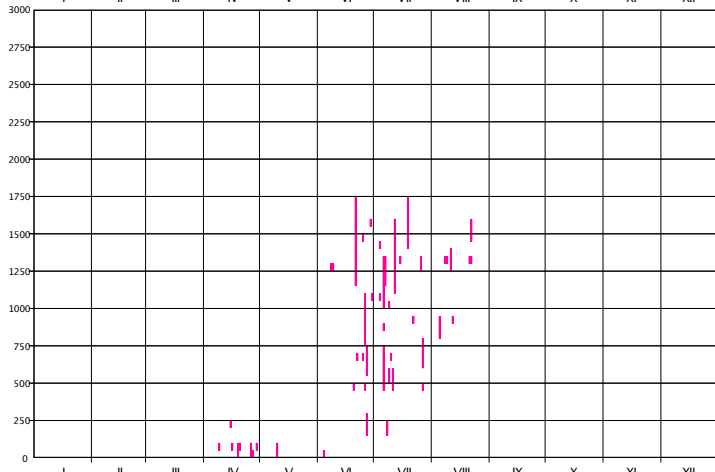
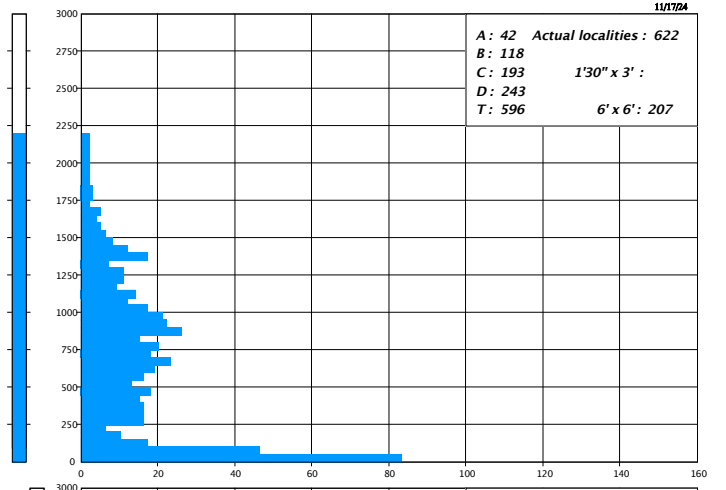
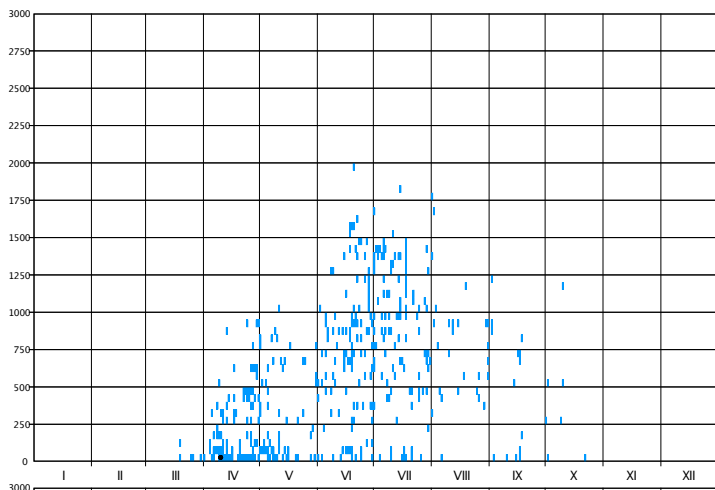
LYCAENIDAE *Lycaena dispar*

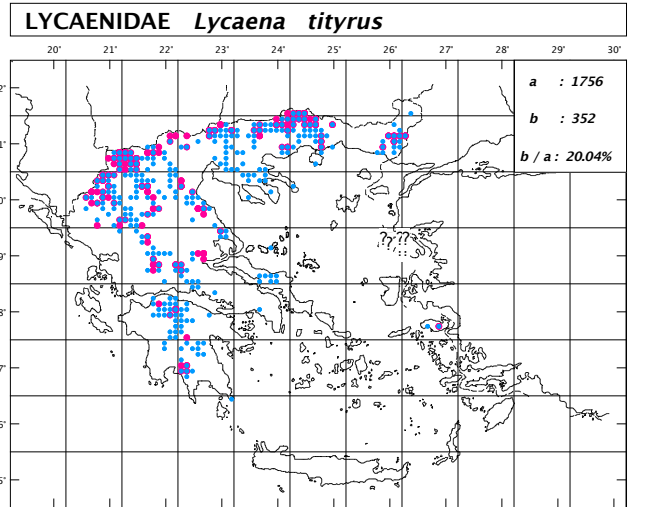
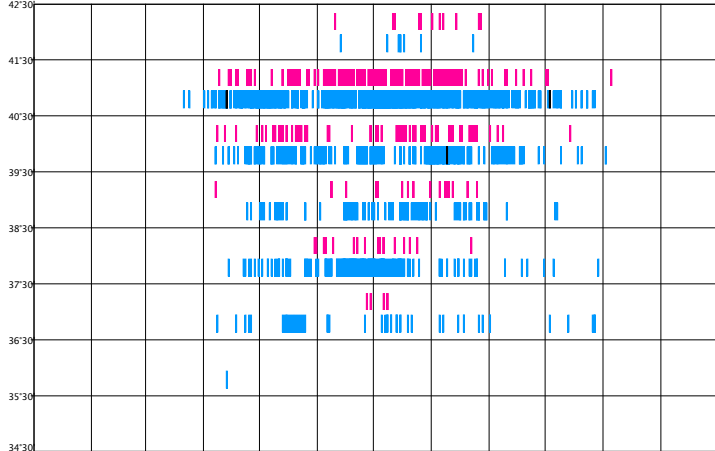
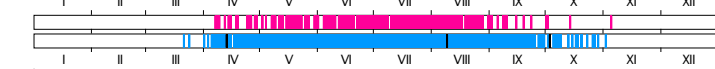
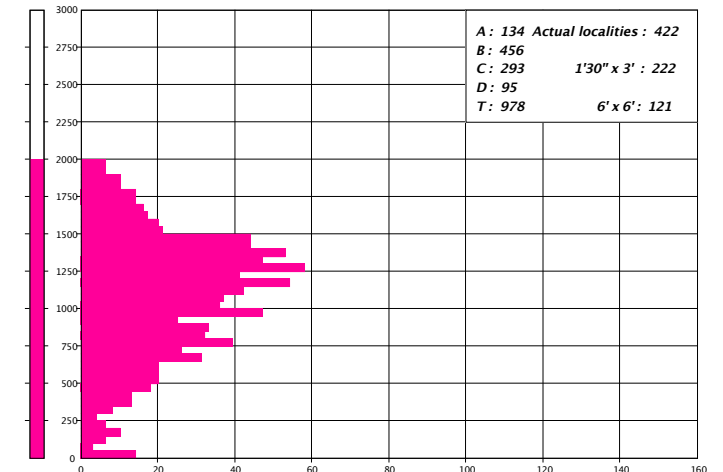
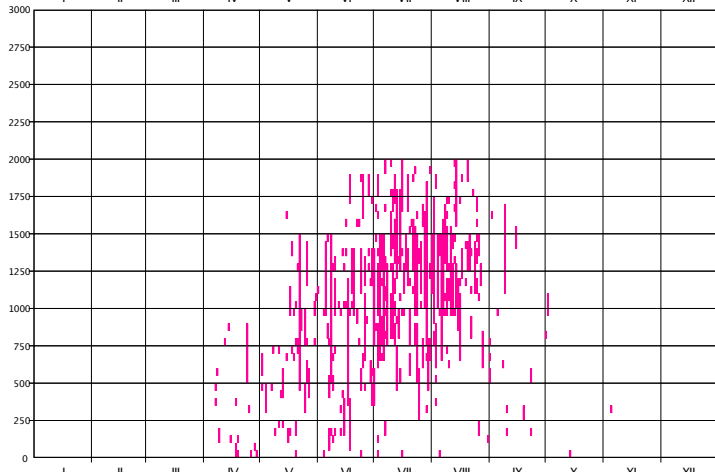
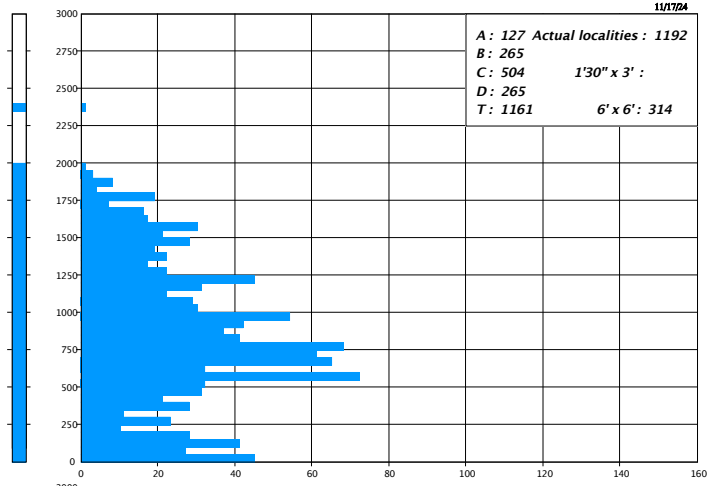
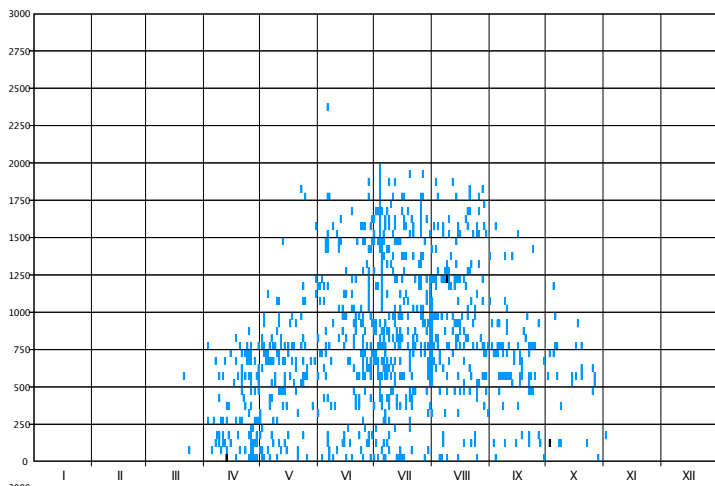


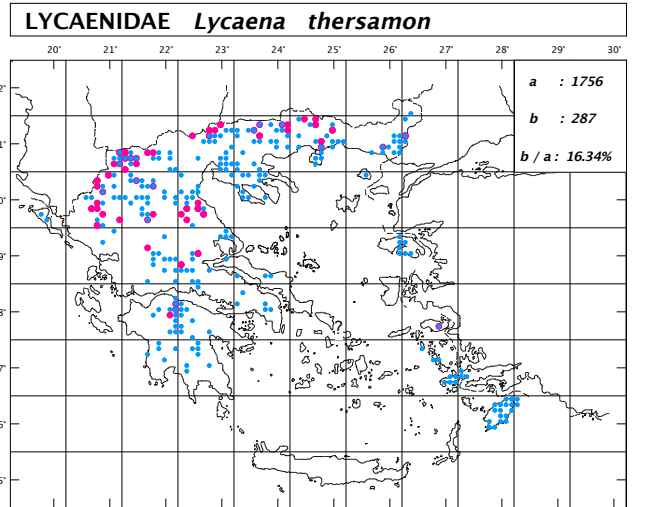
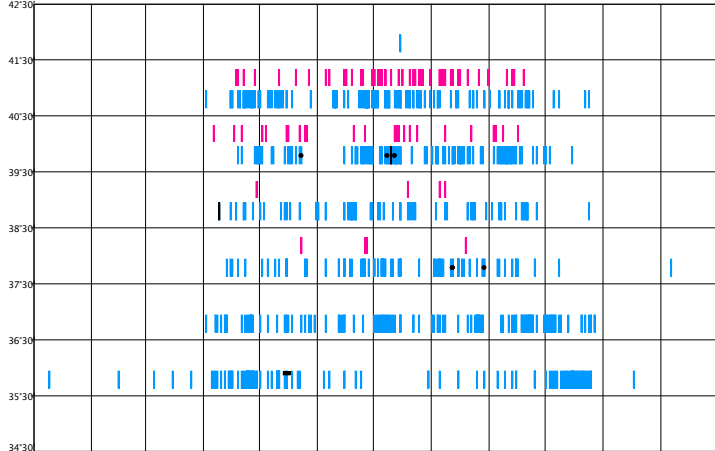
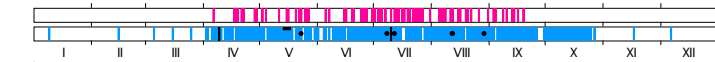
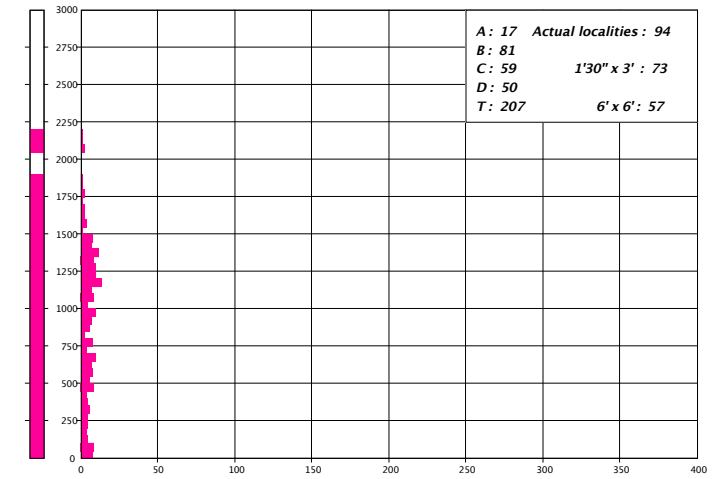
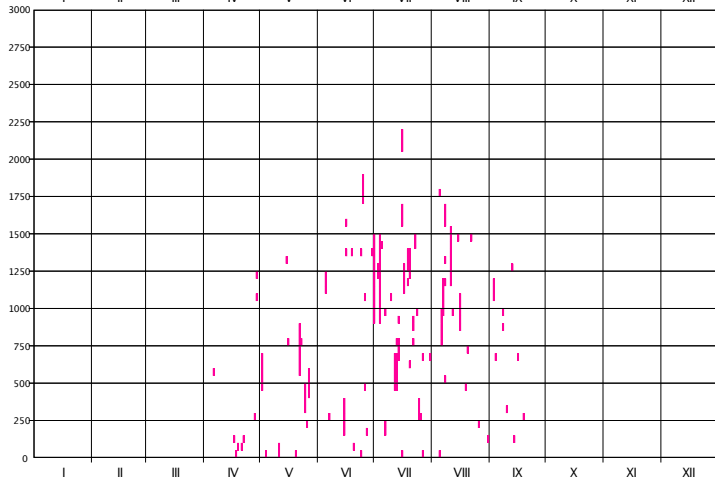
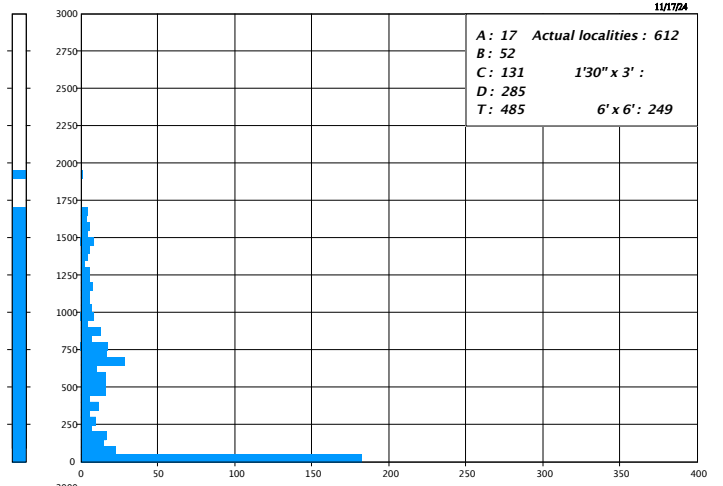
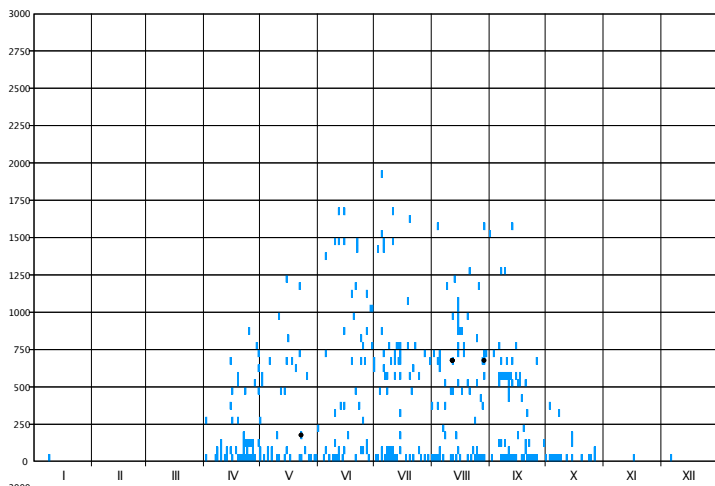
a : 1756
b : 81
b / a : 4.61%

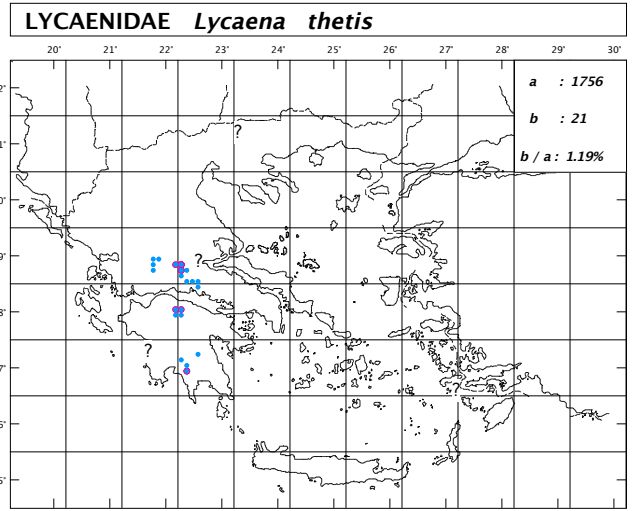
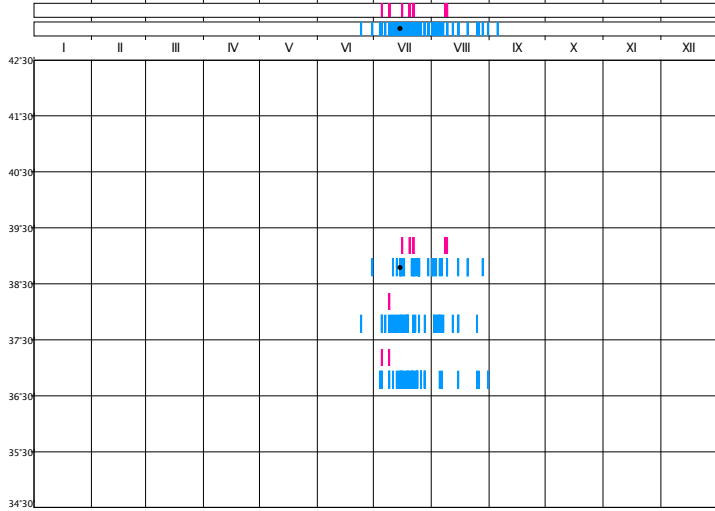
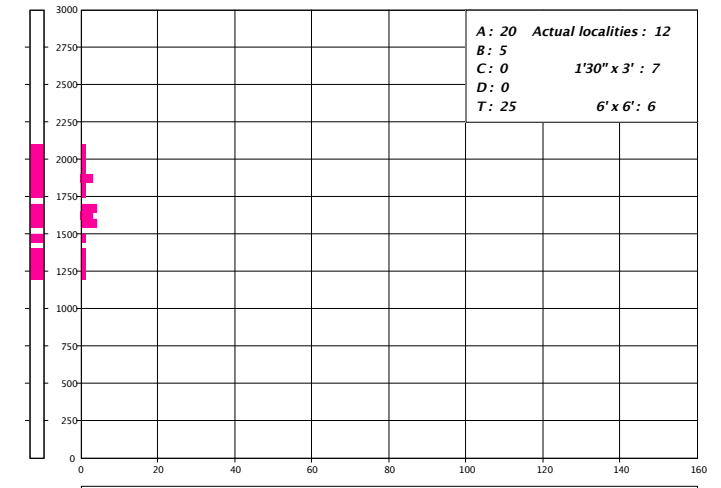
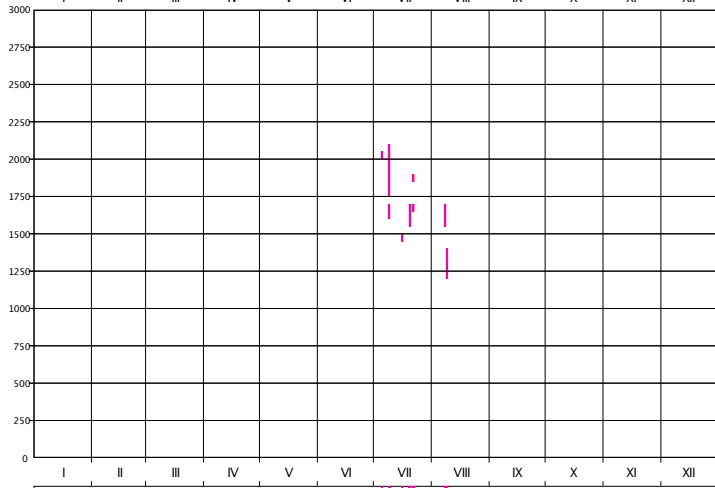
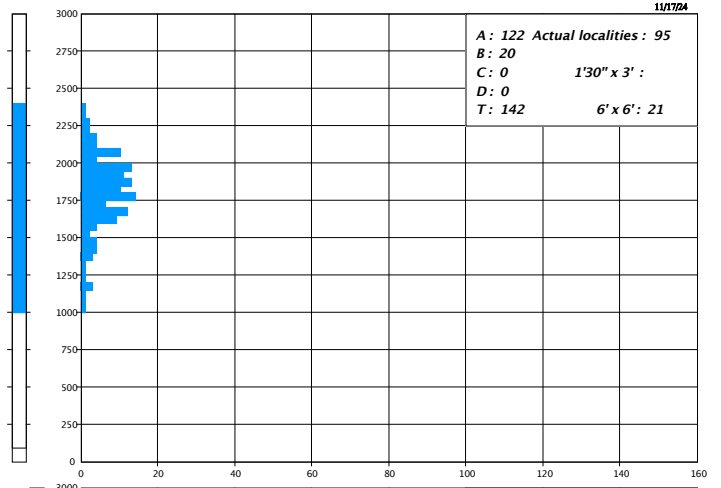
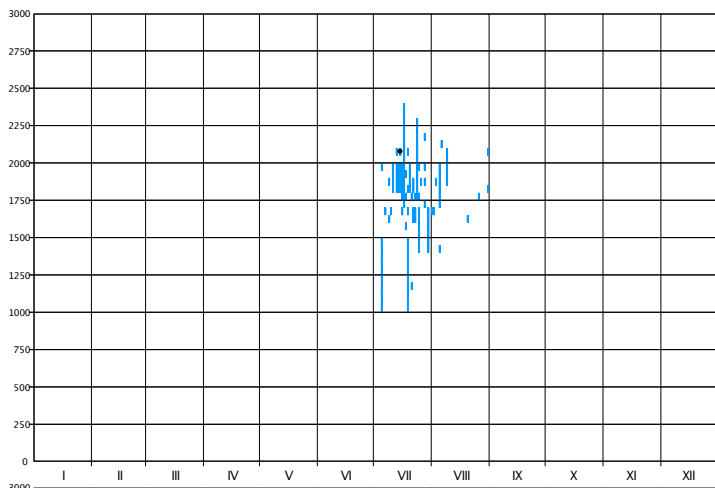


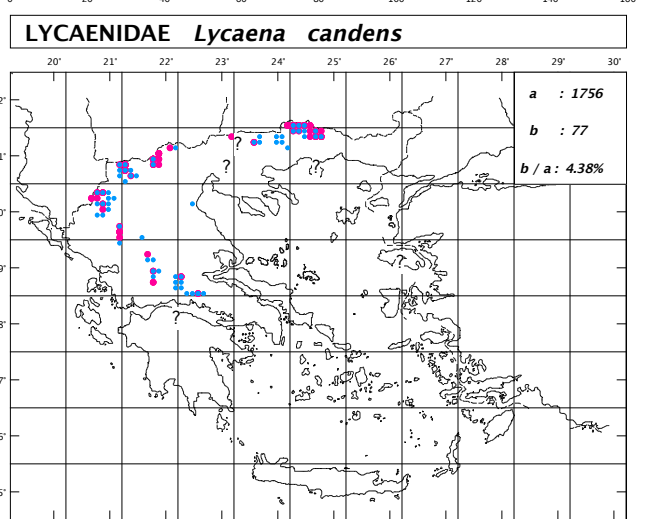
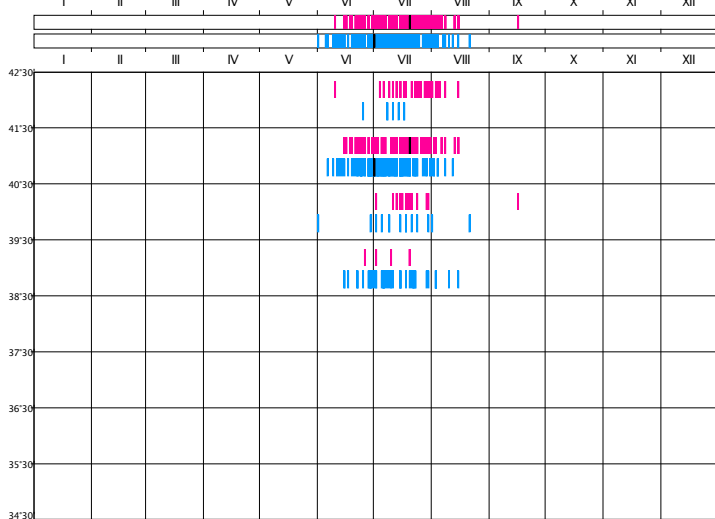
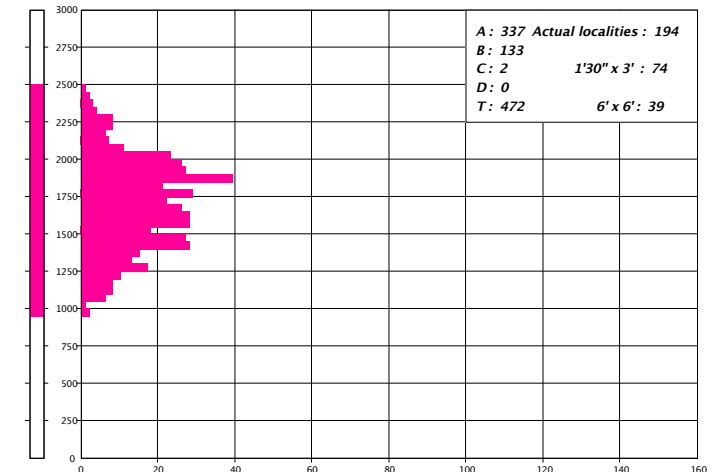
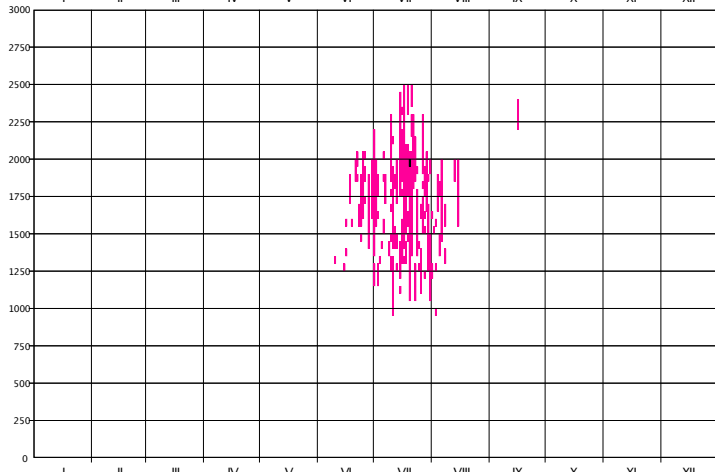
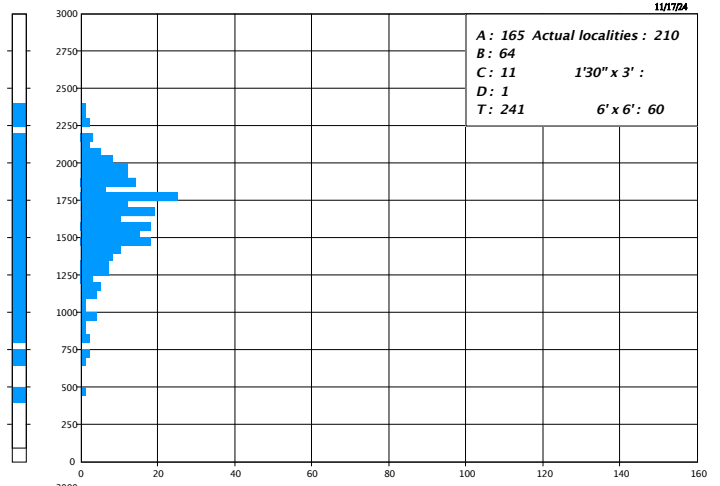
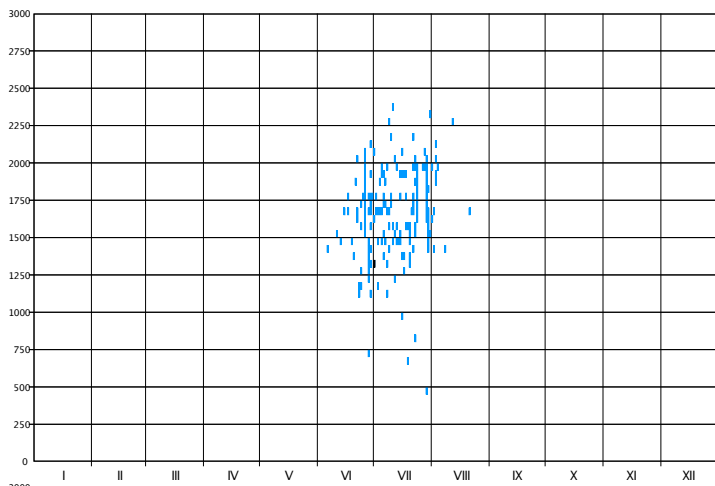


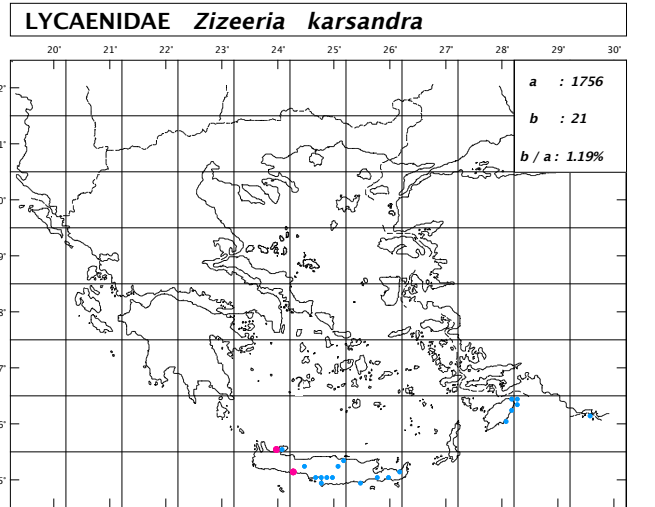
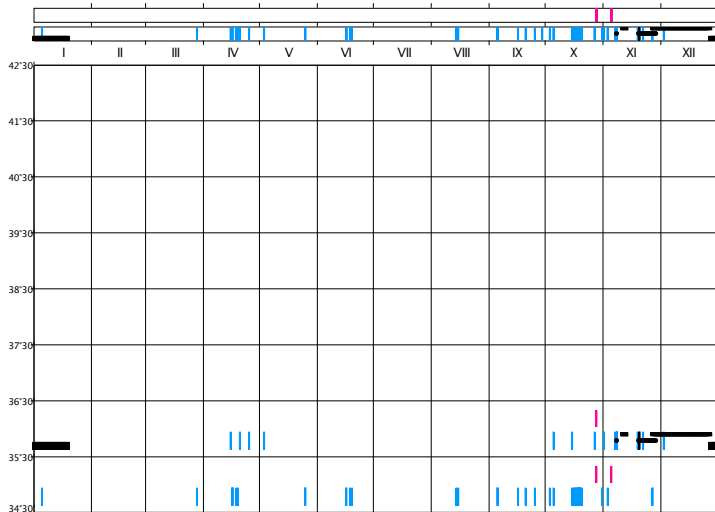
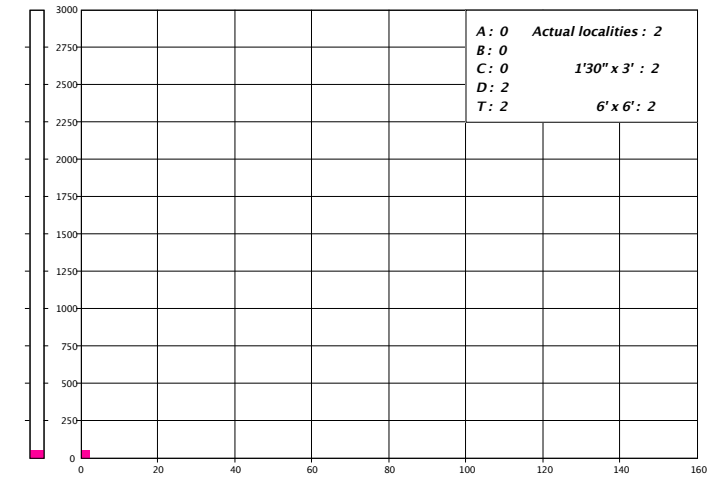
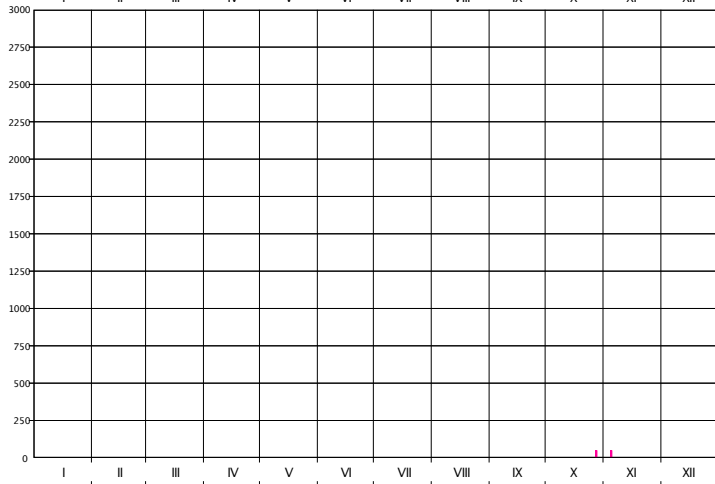
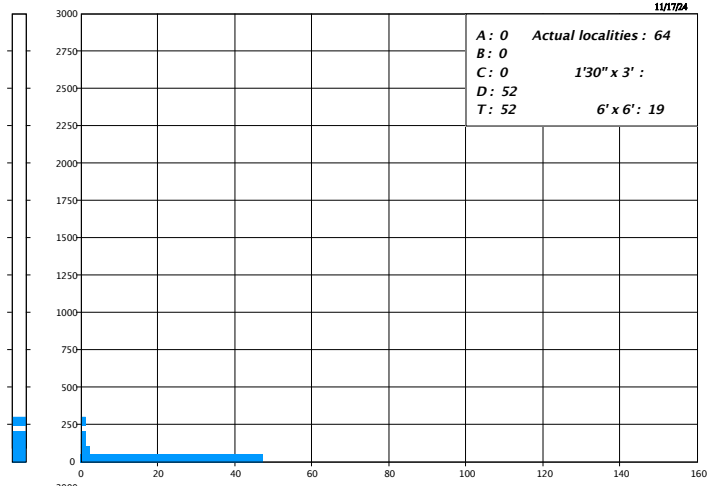
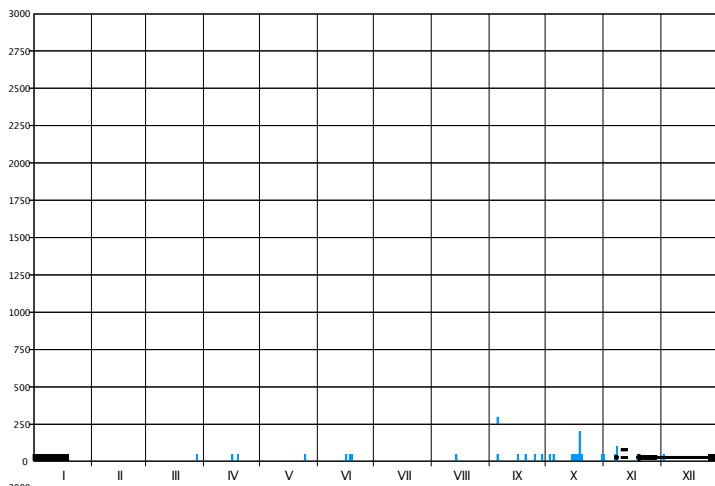


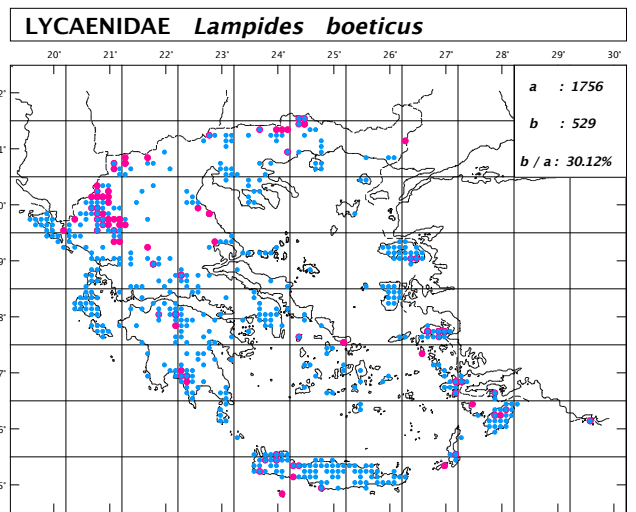
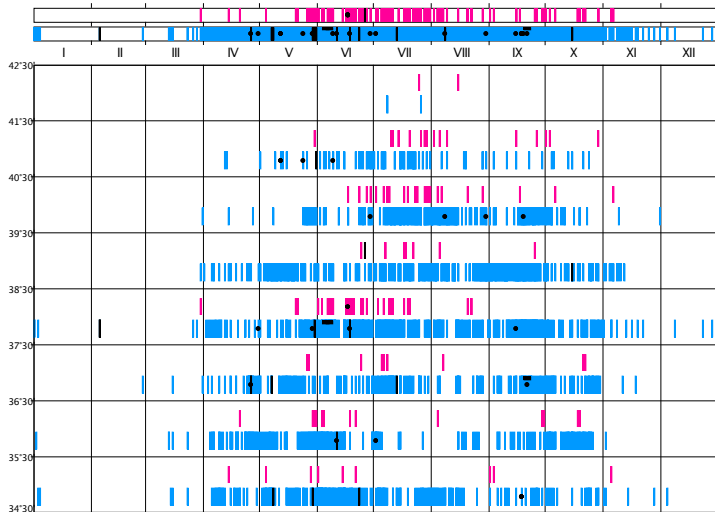
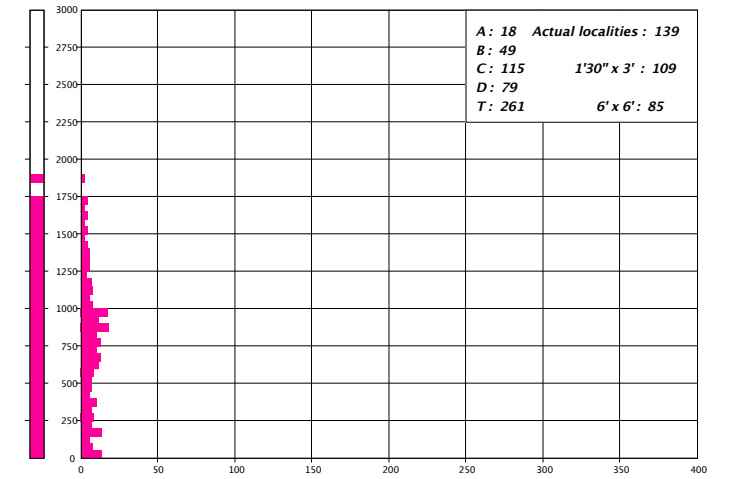
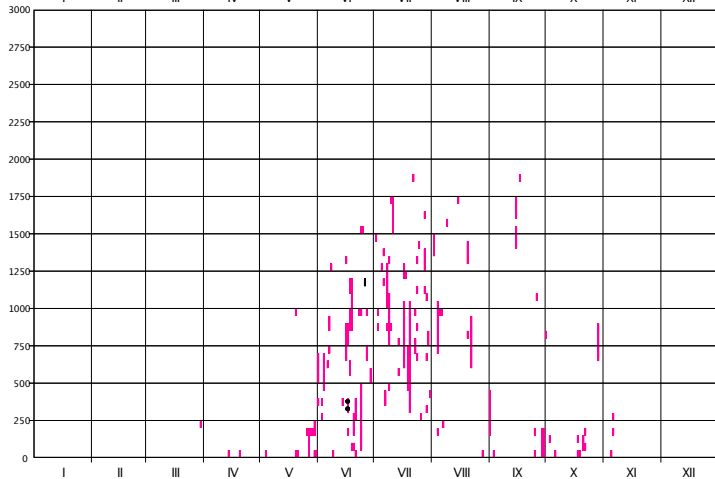
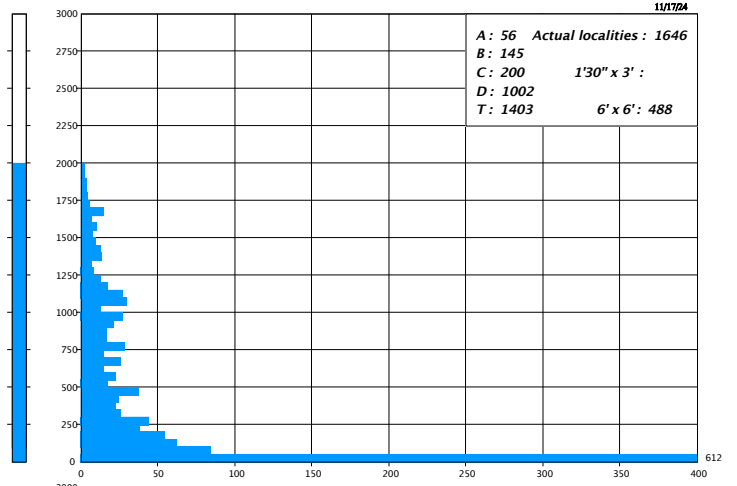
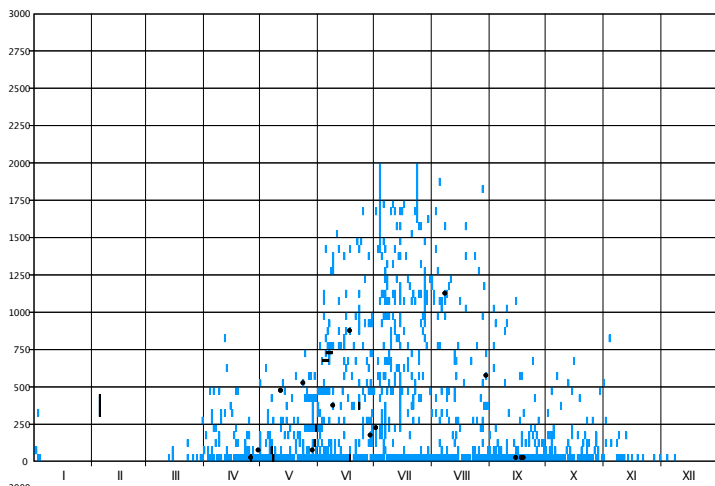


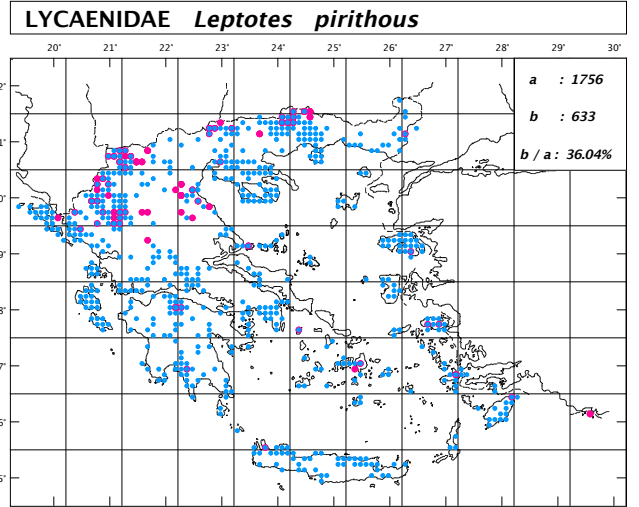
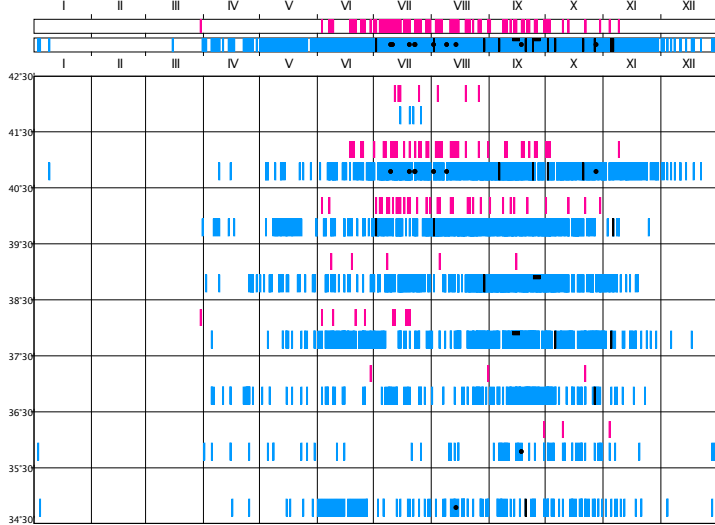
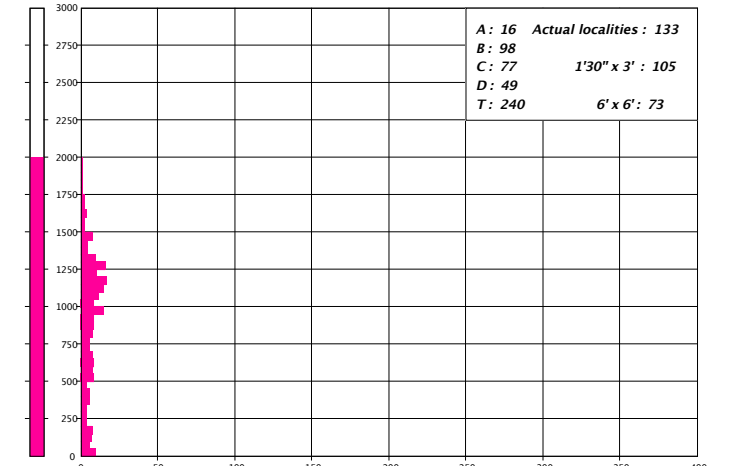
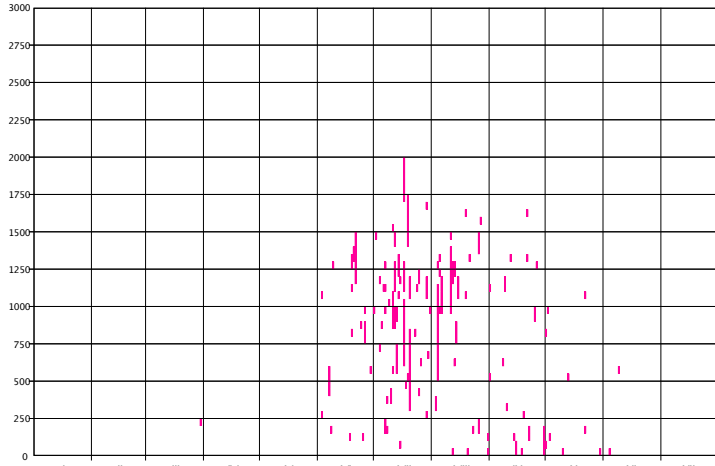
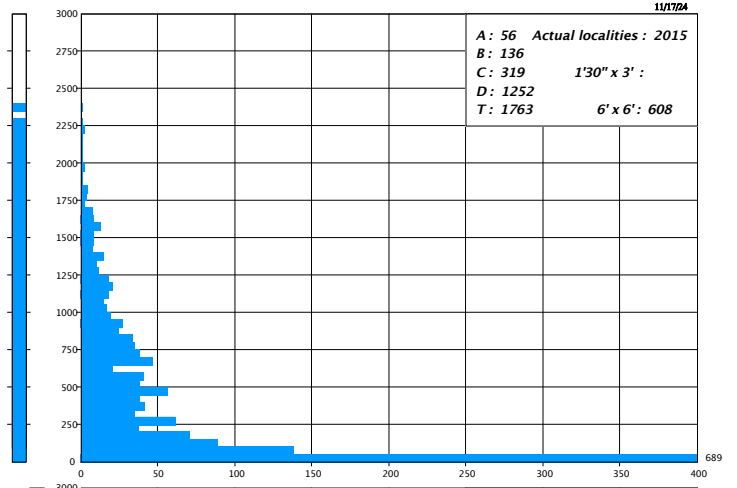
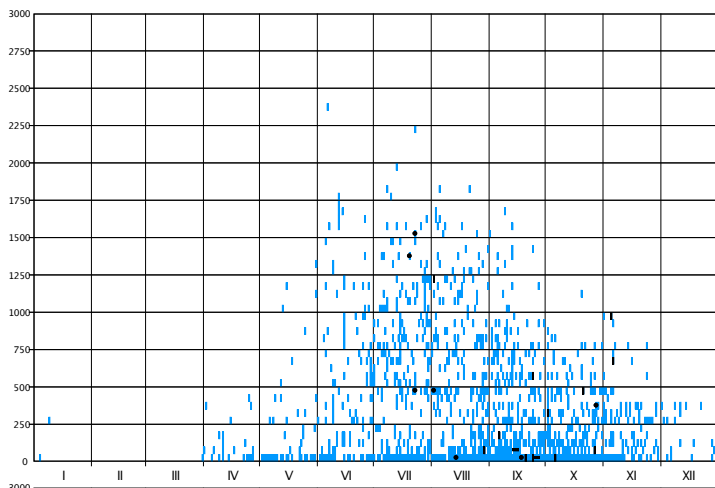


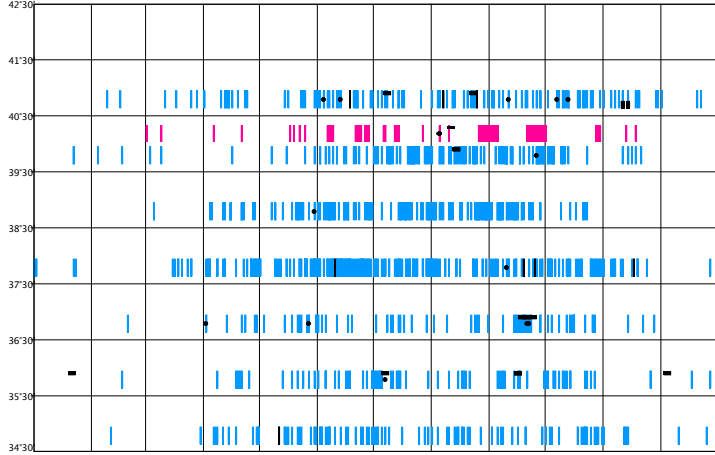
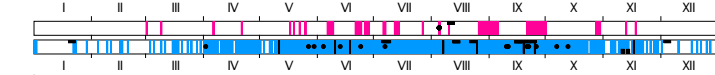
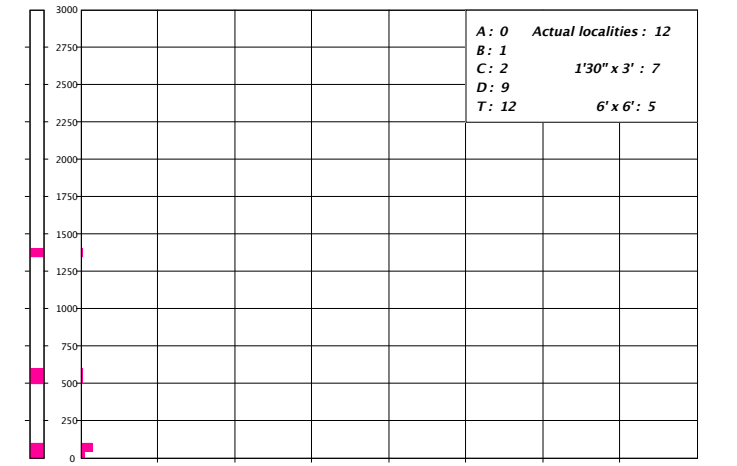
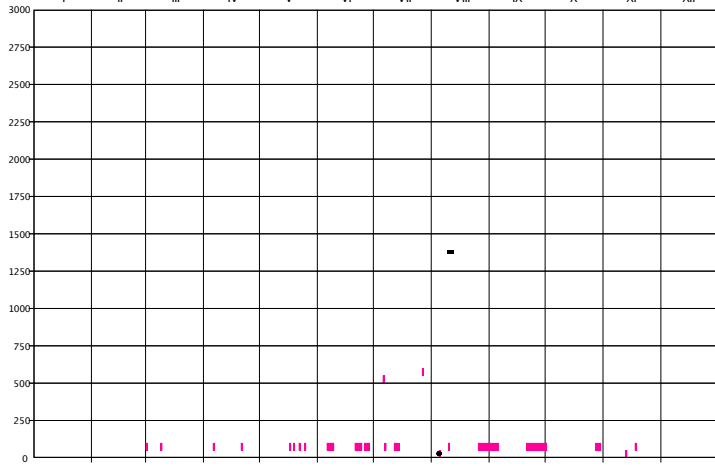
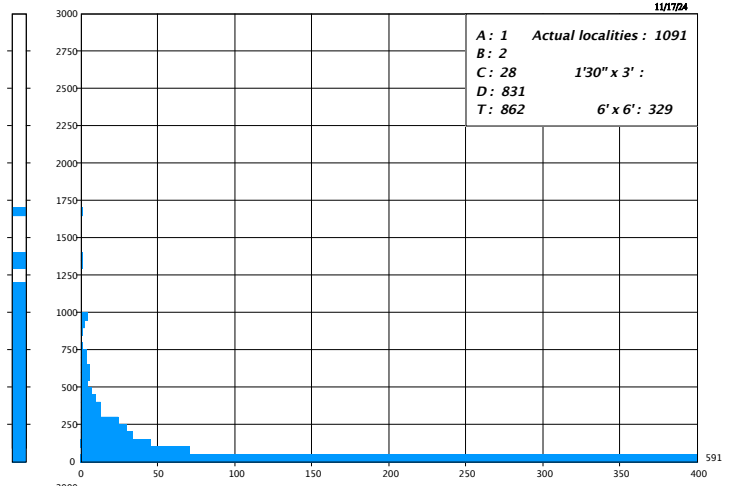
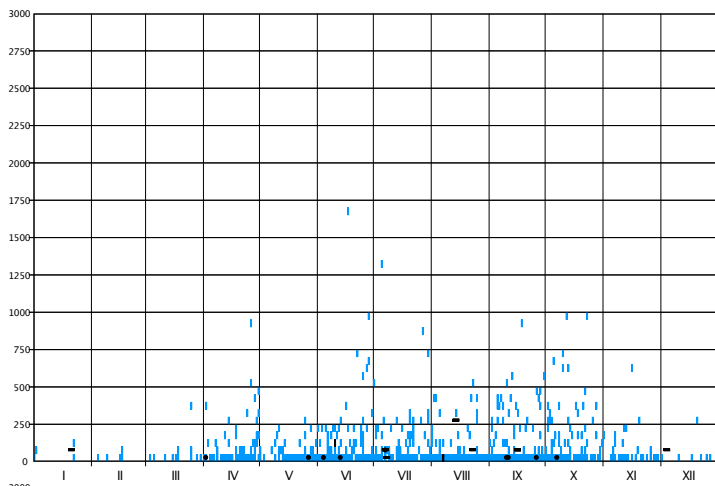




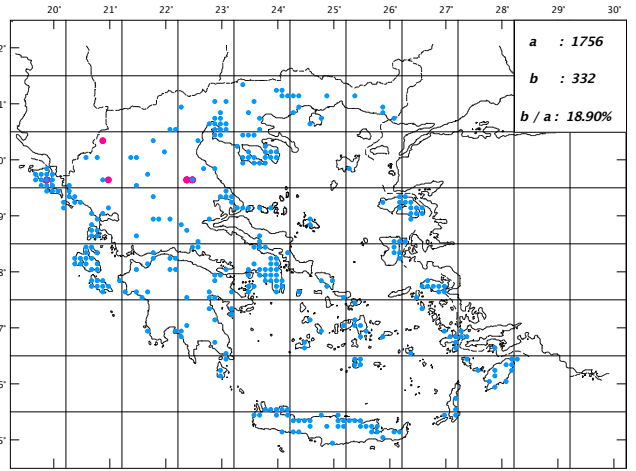


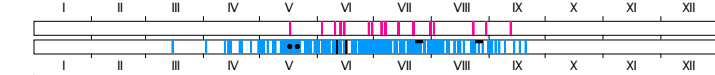
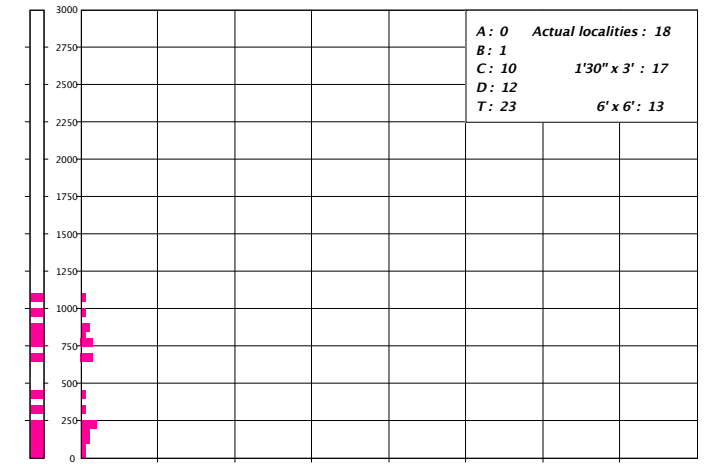
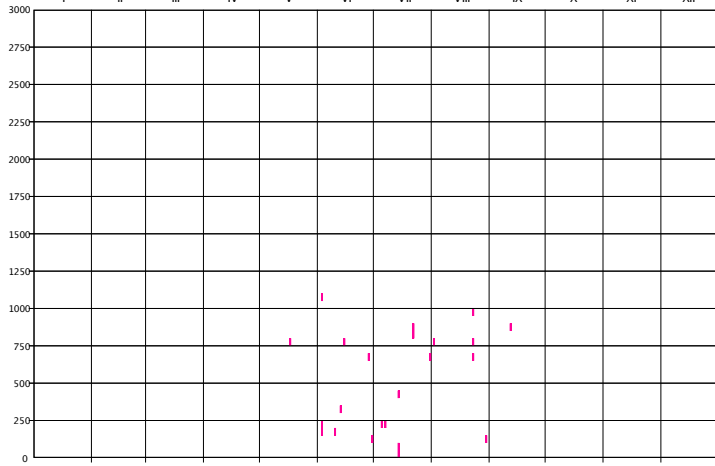
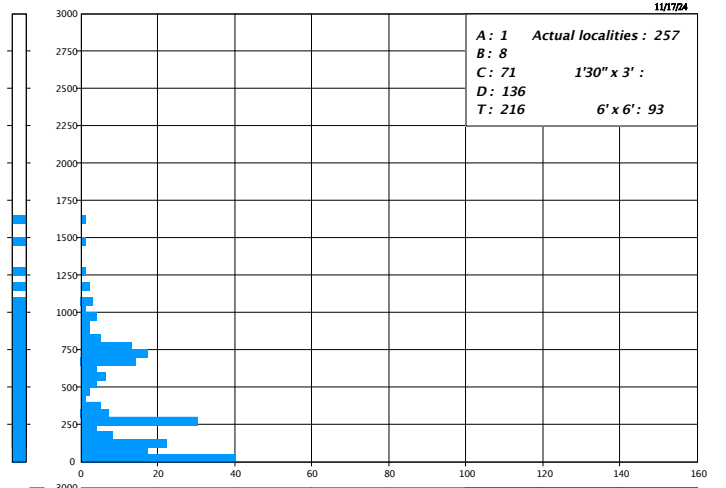
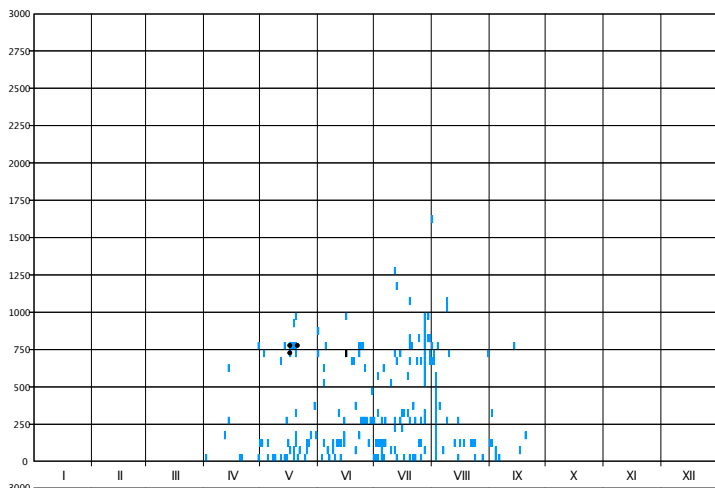




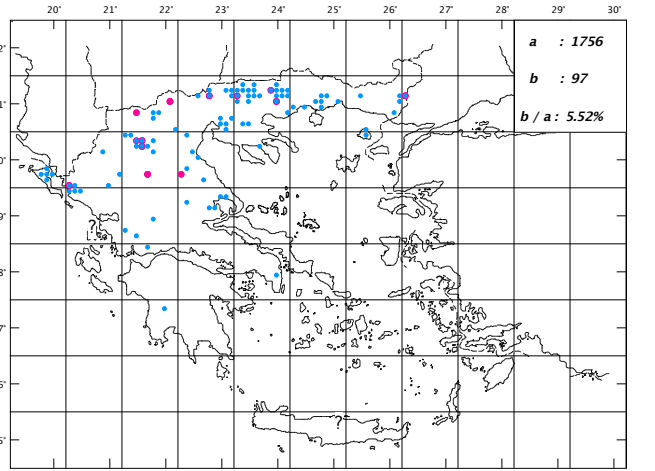
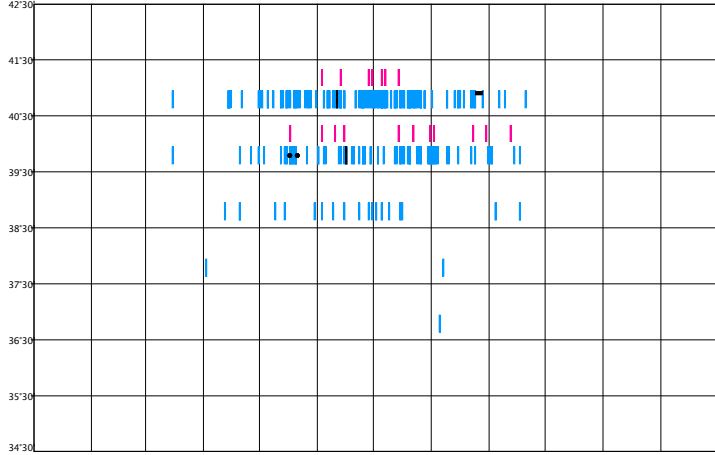


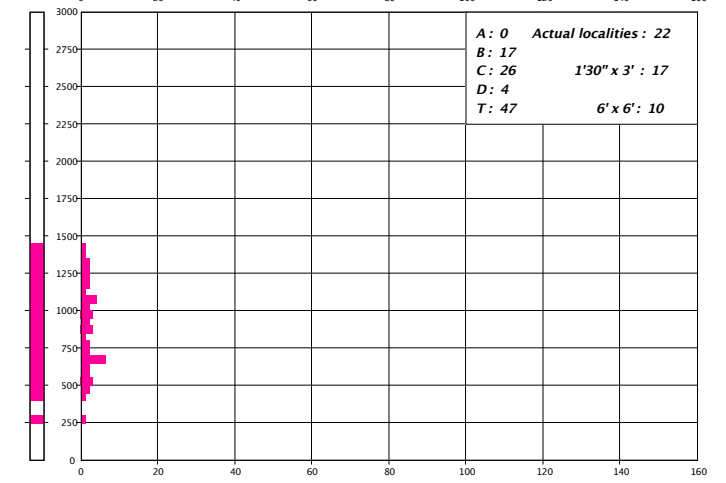
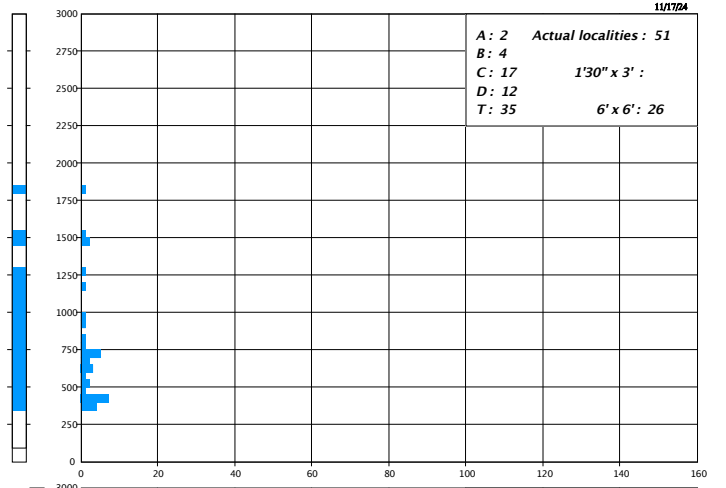
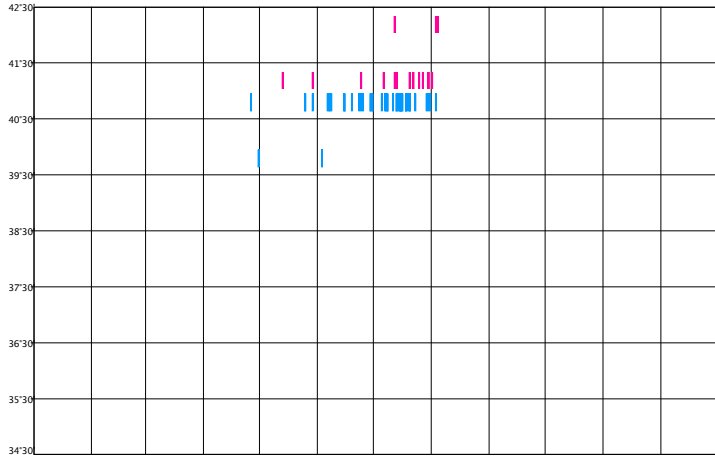
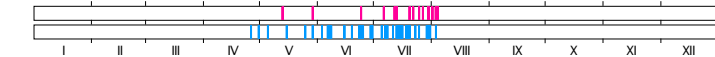
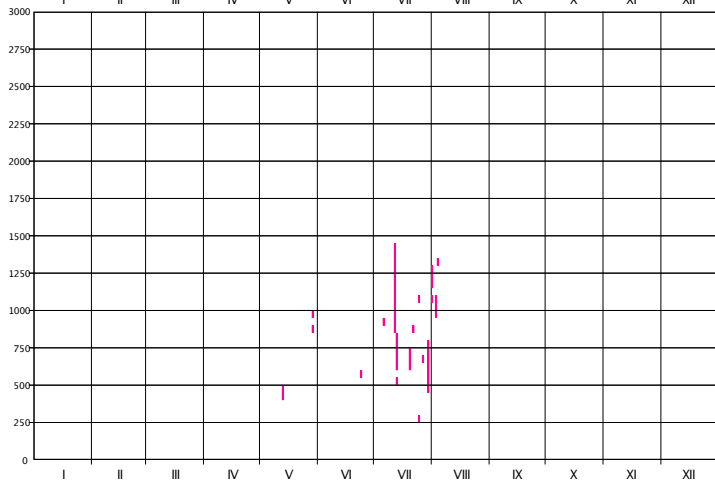
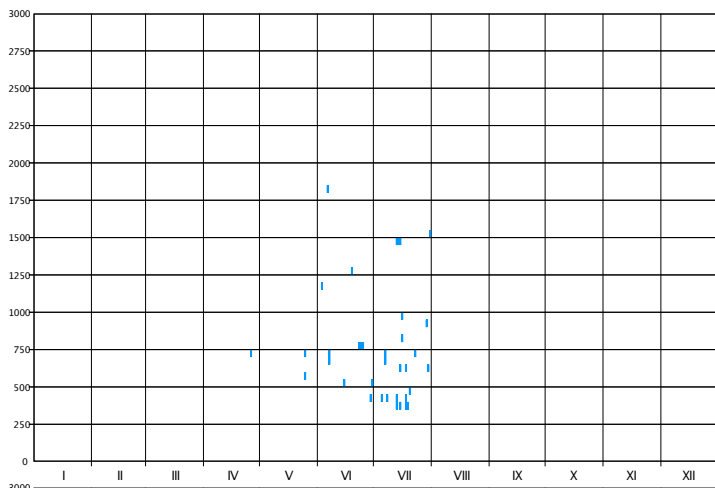
LYCAENIDAE *Cacyreus marshalli*



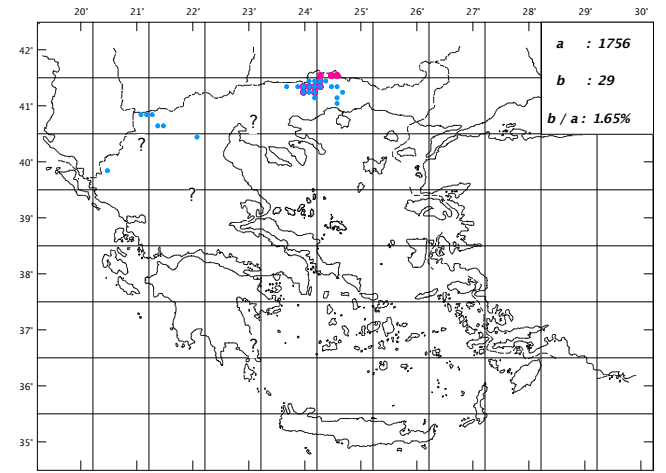


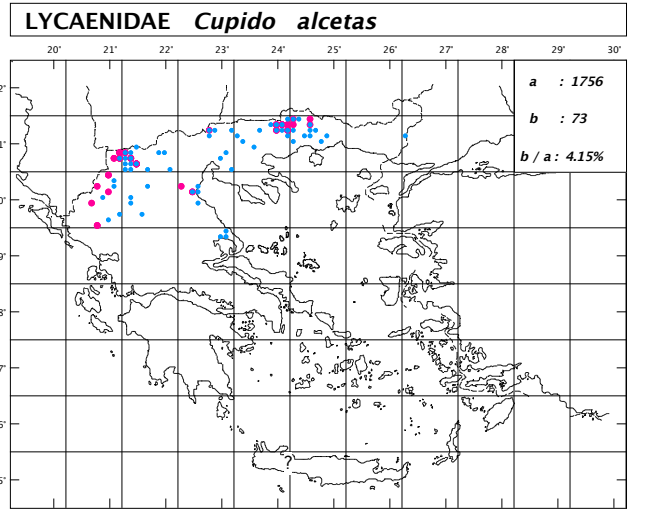
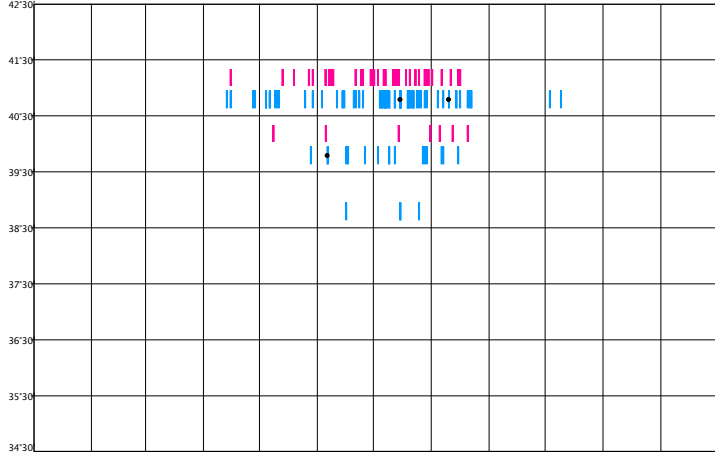
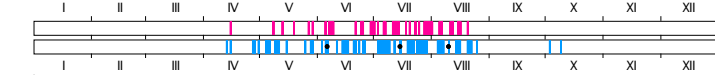
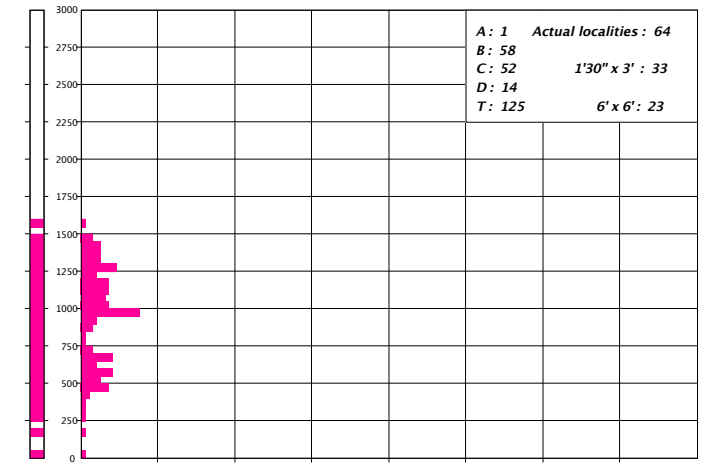
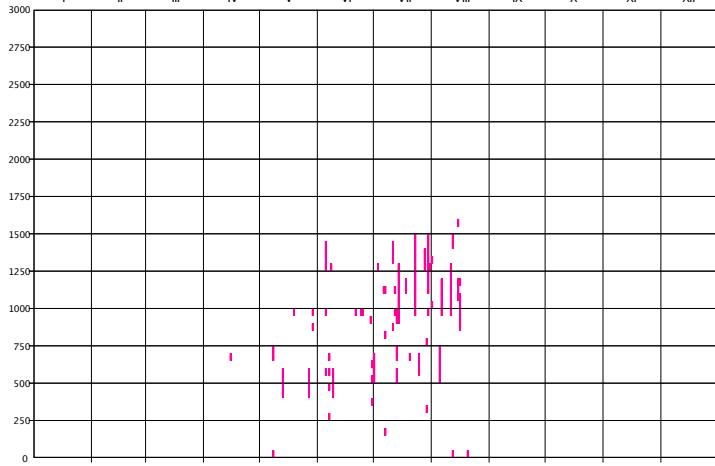
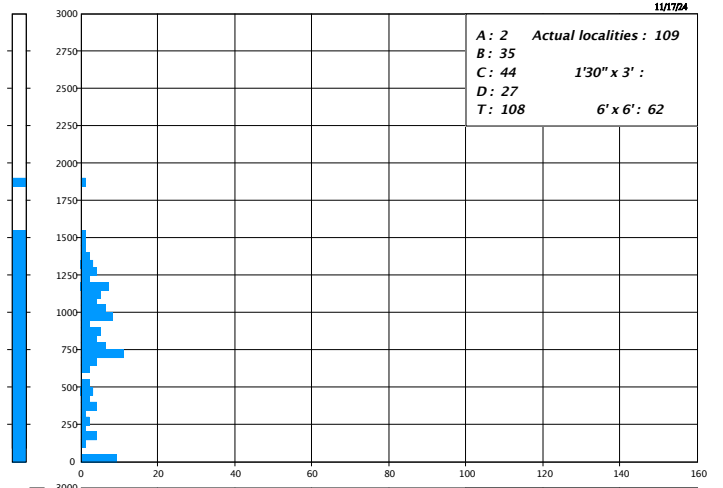
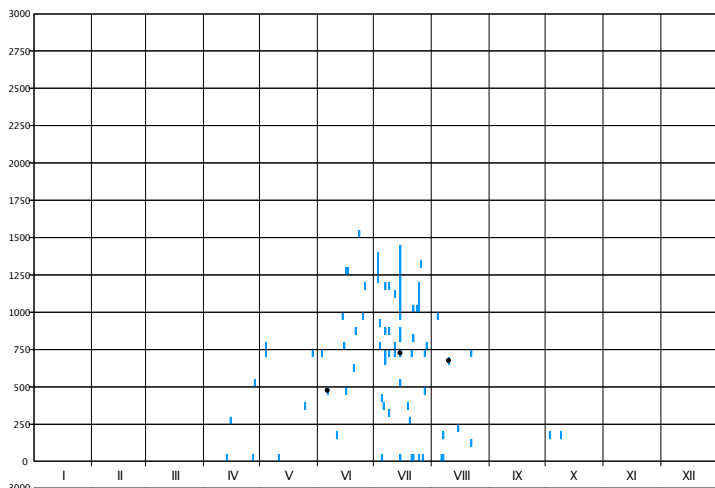
LYCAENIDAE *Tarucus balkanicus*

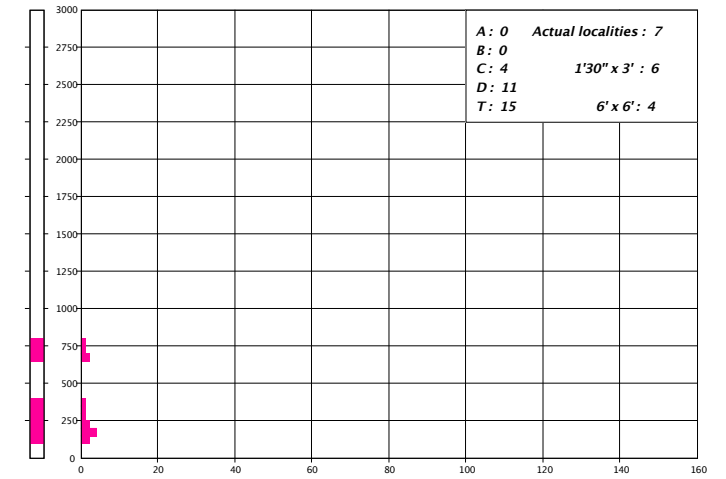
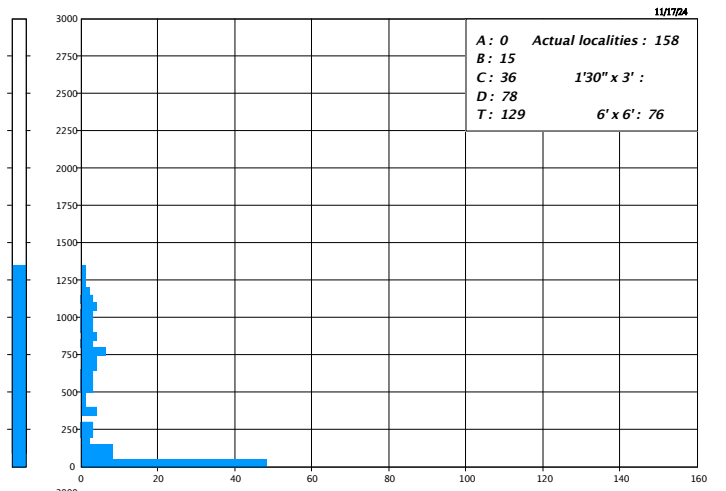
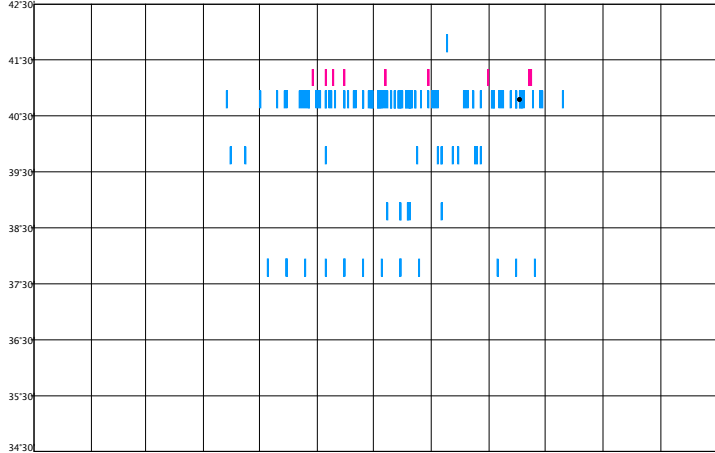
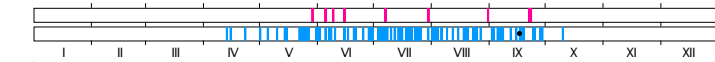
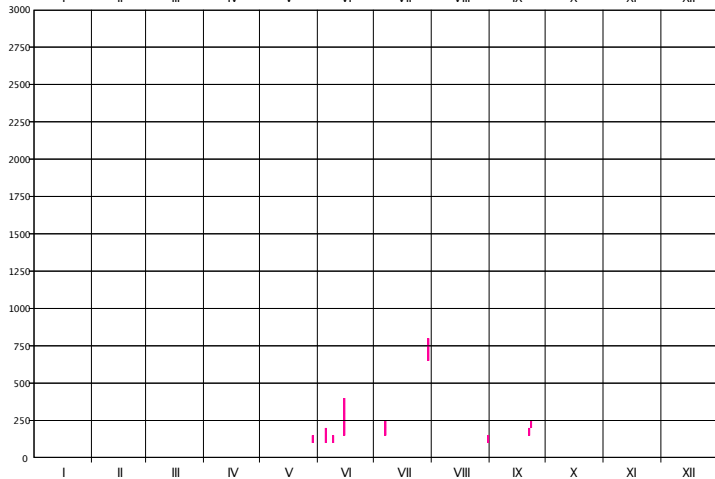
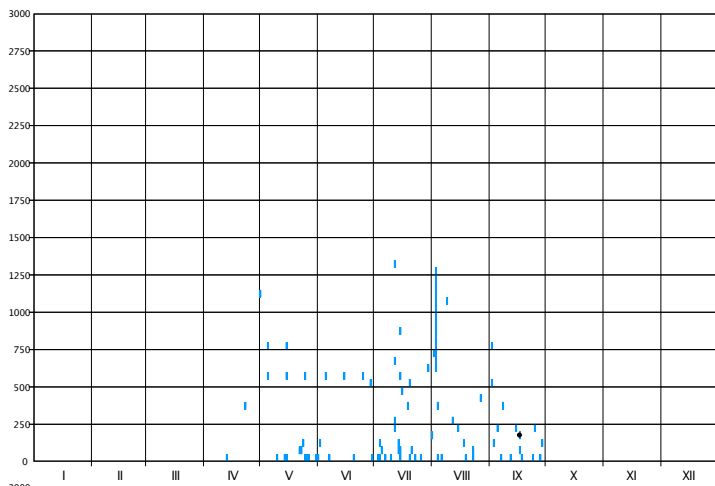




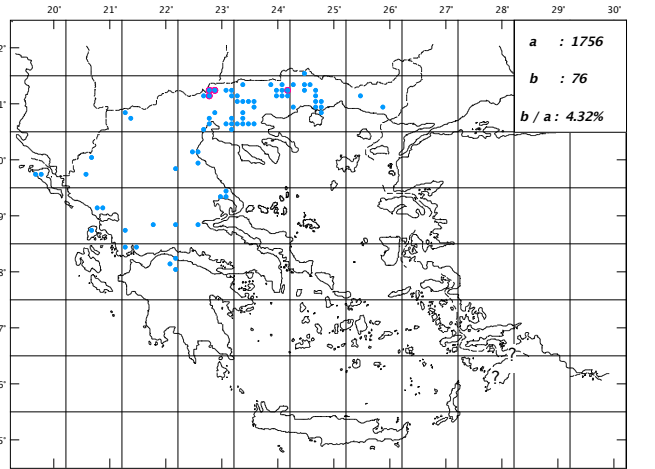
LYCAENIDAE *Cupido decoloratus*

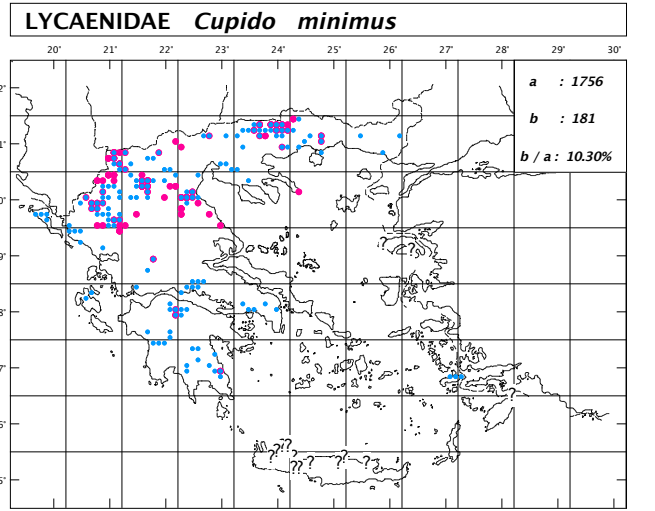
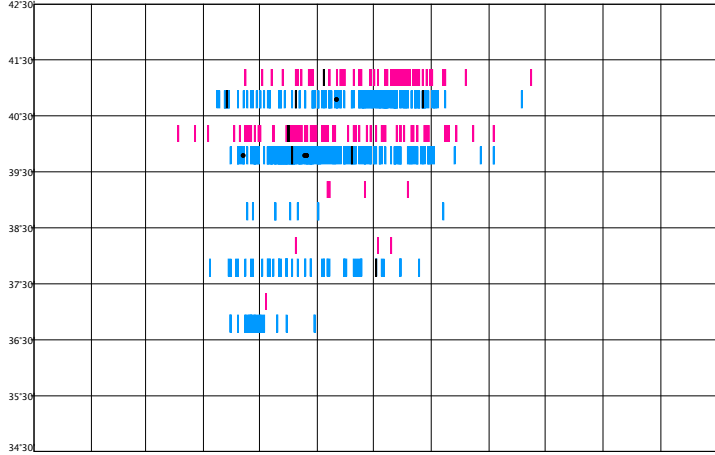
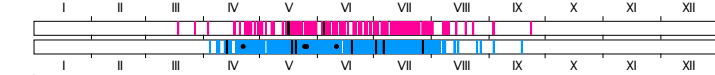
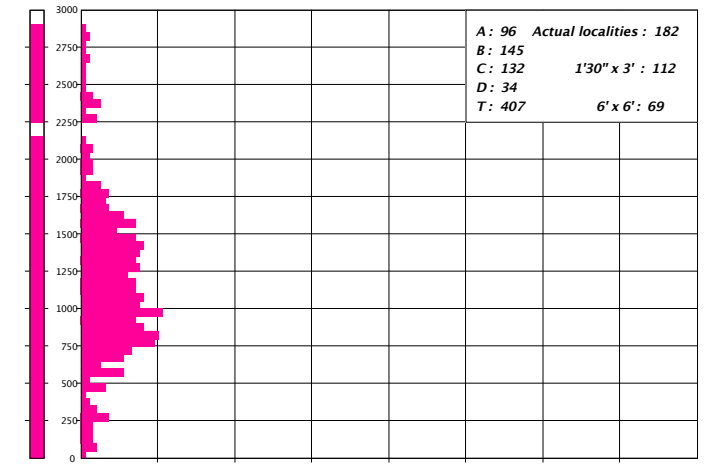
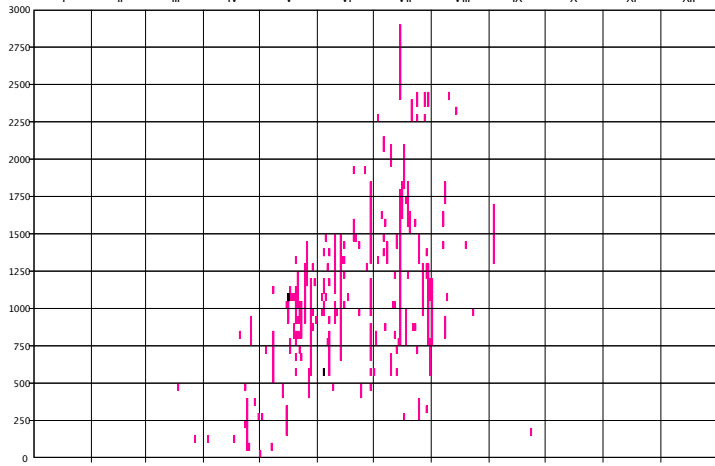
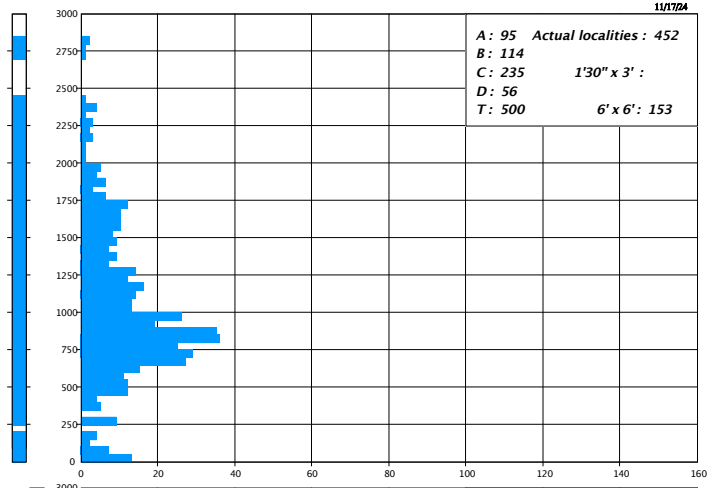
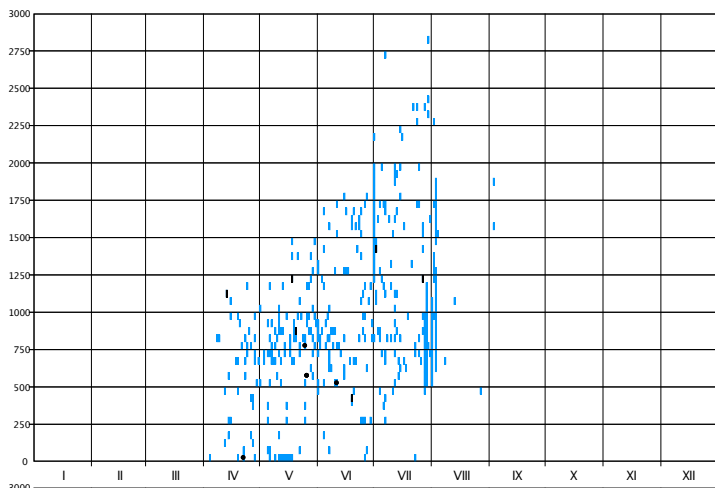


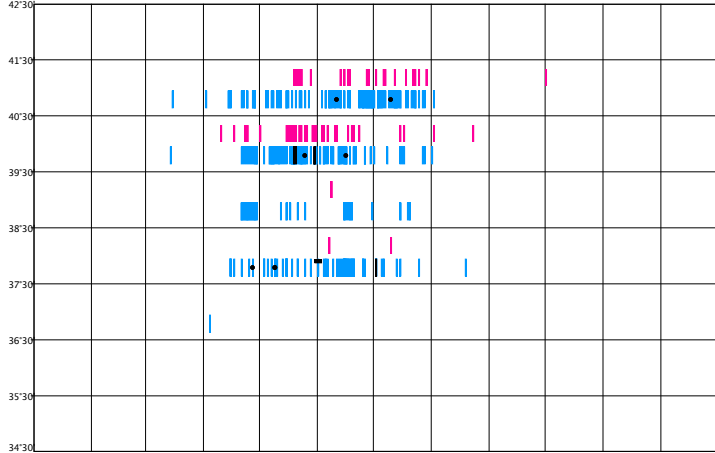
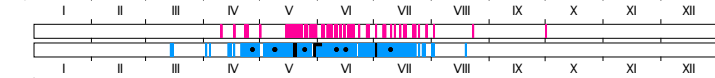
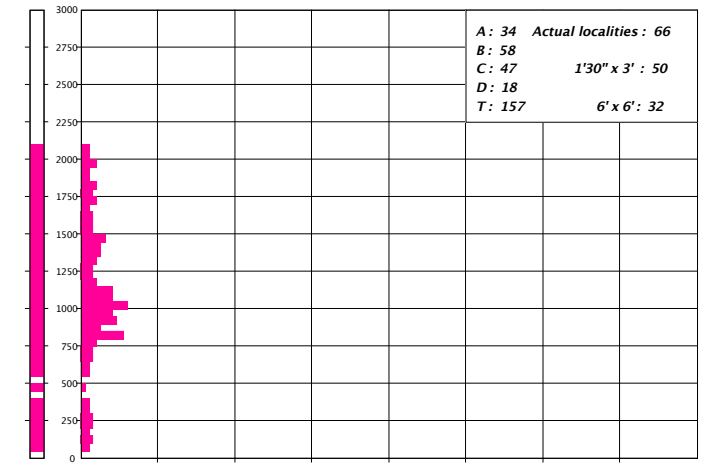
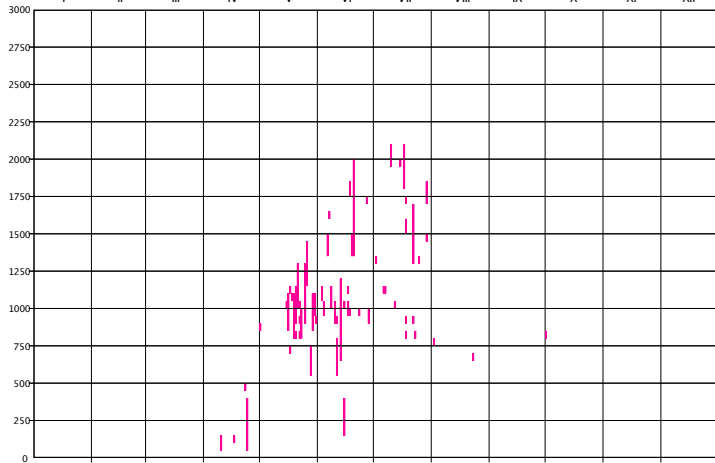
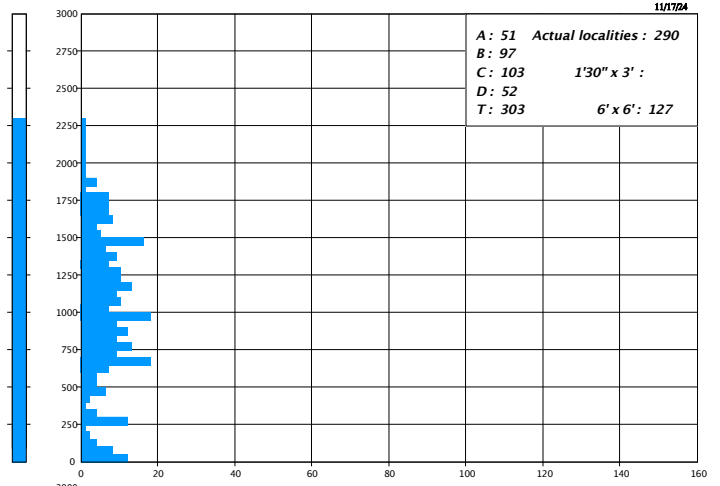
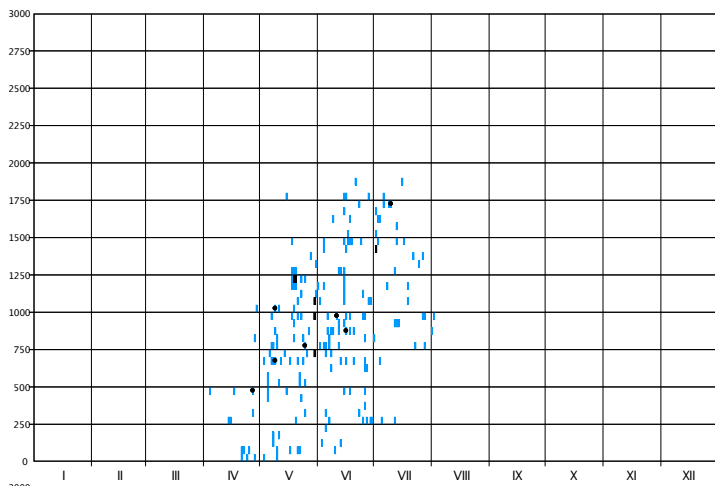




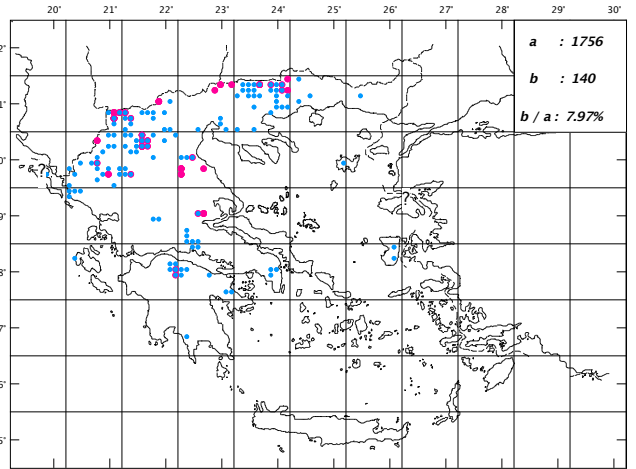
LYCAENIDAE *Cupido argiades*

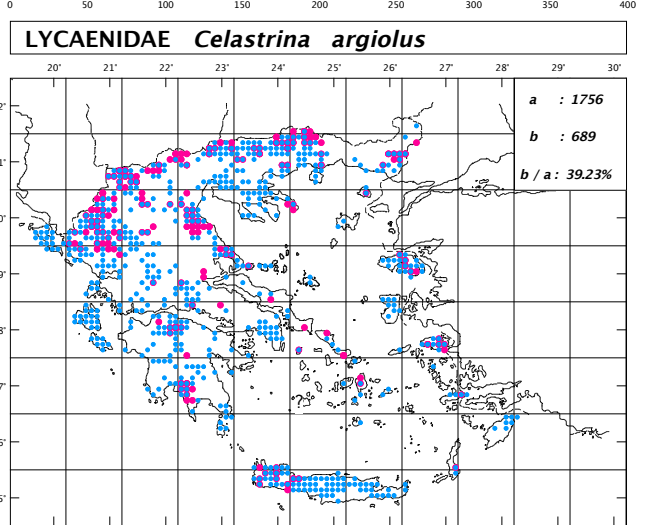
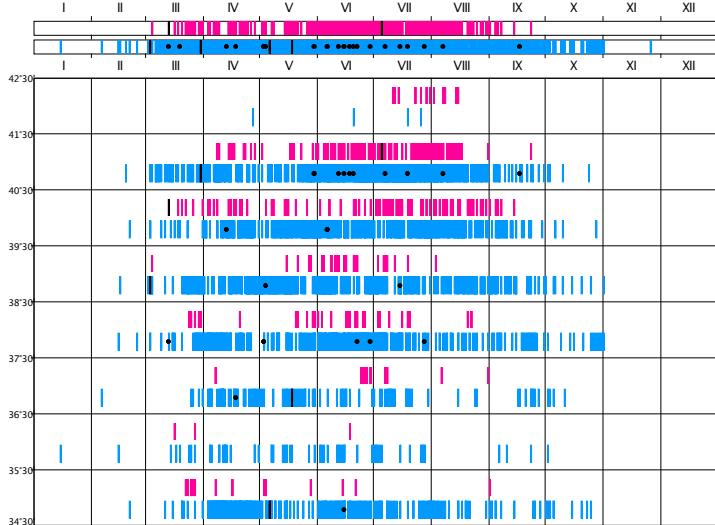
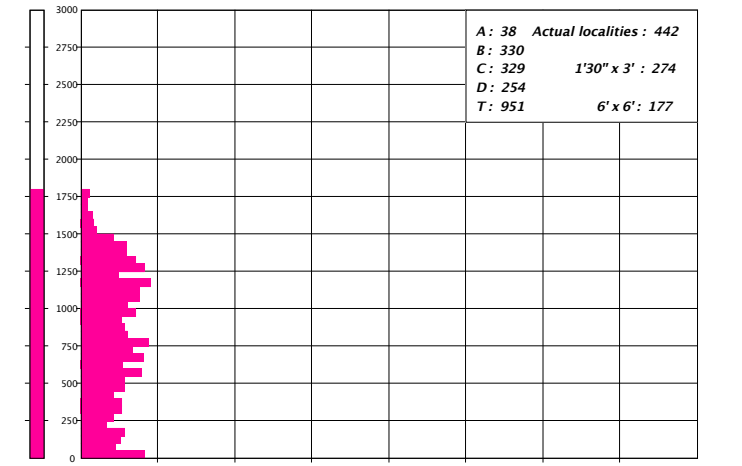
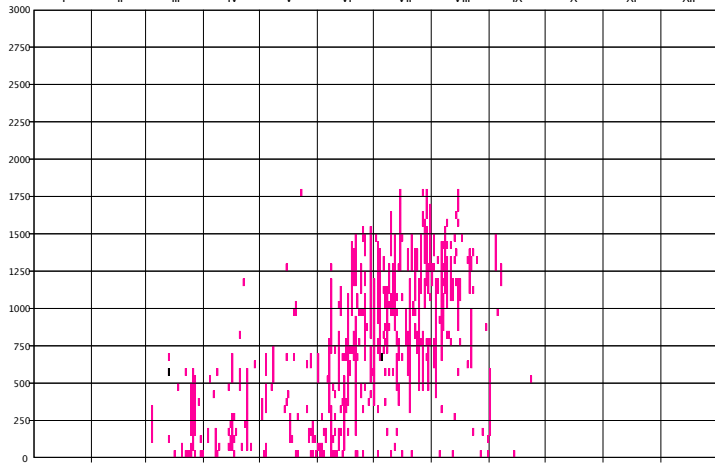
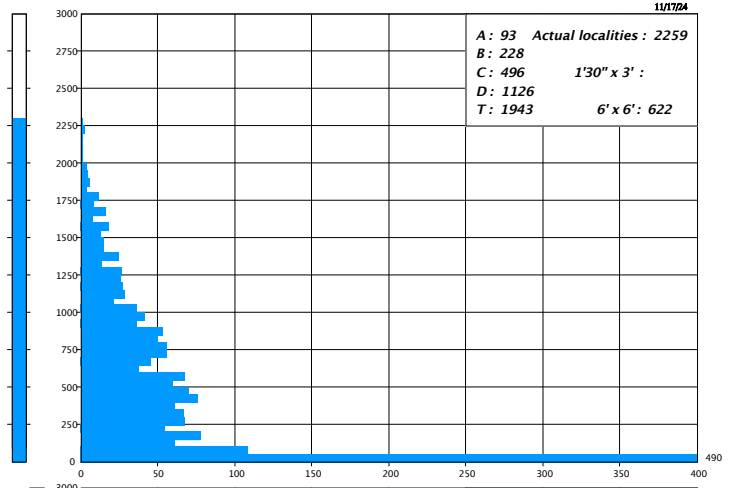
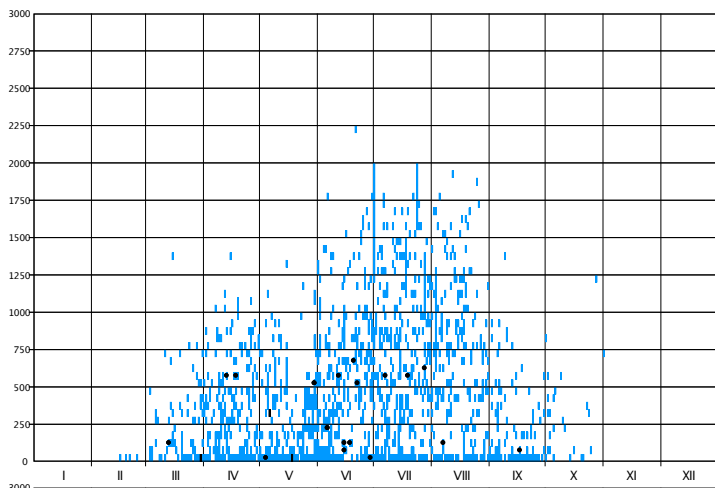


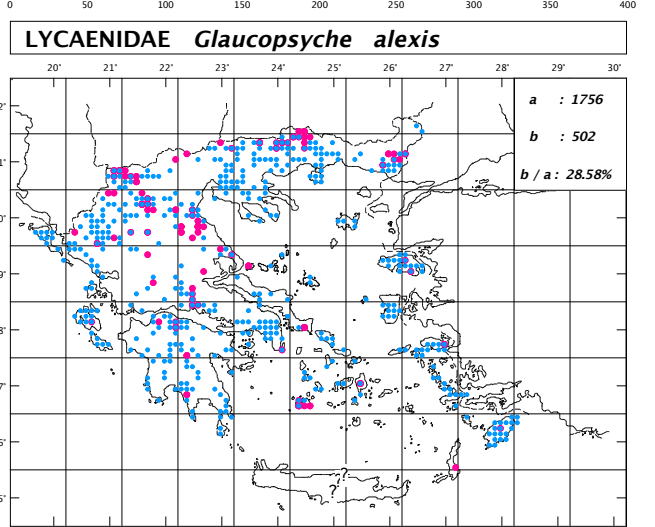
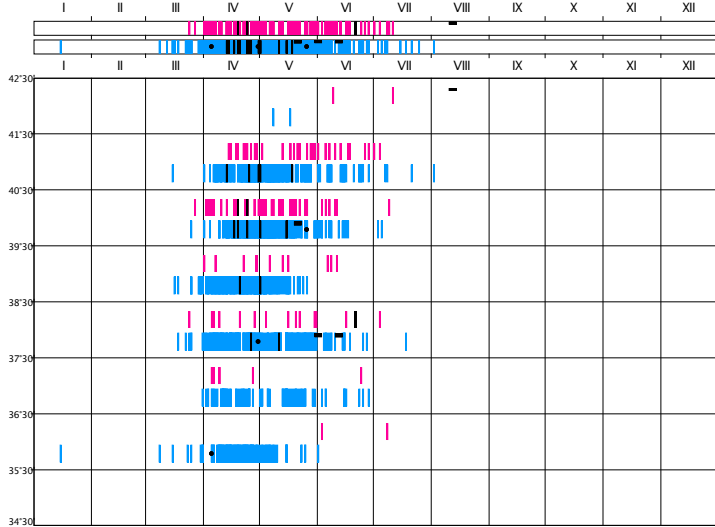
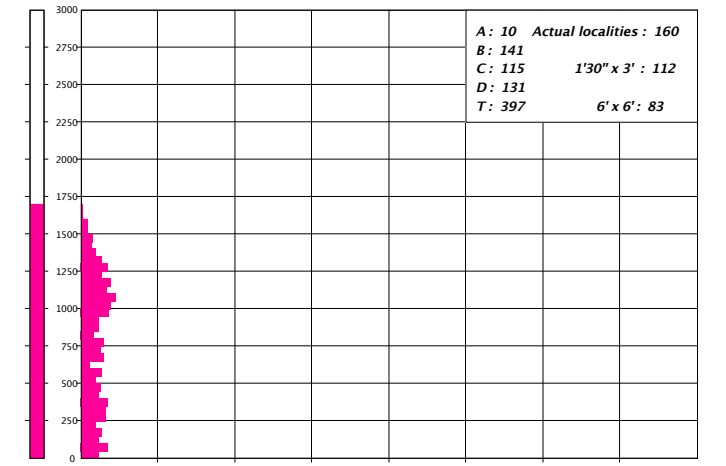
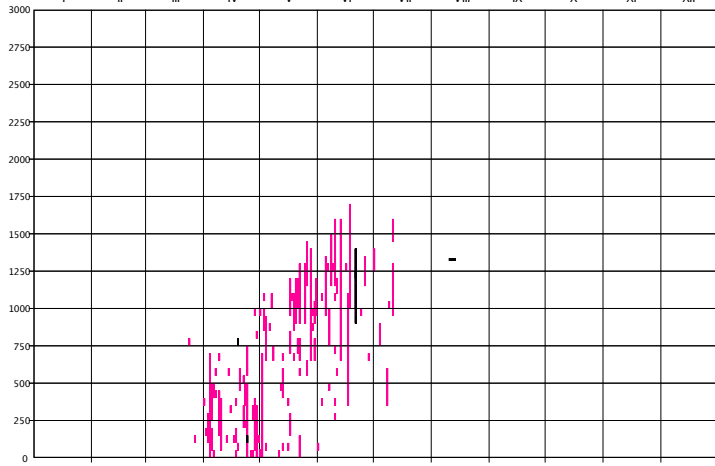
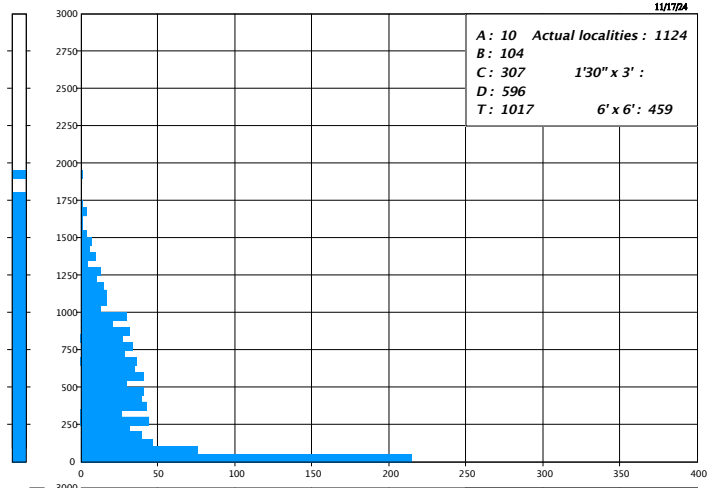
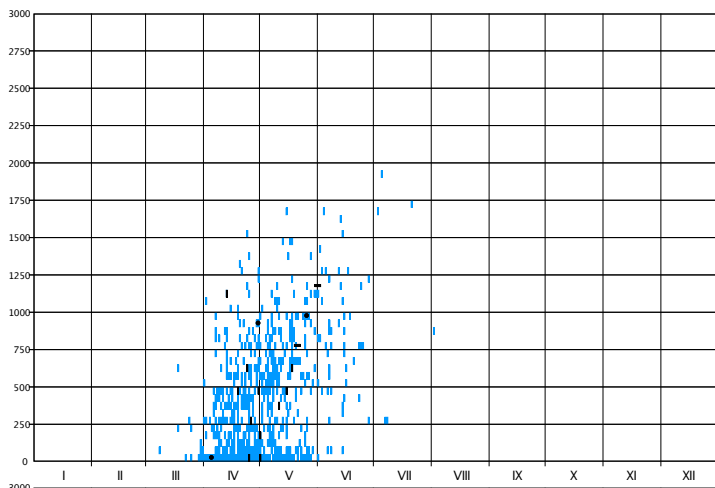


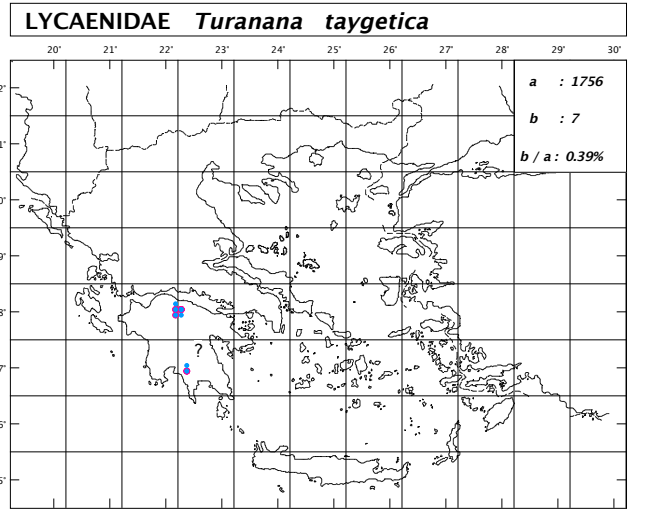
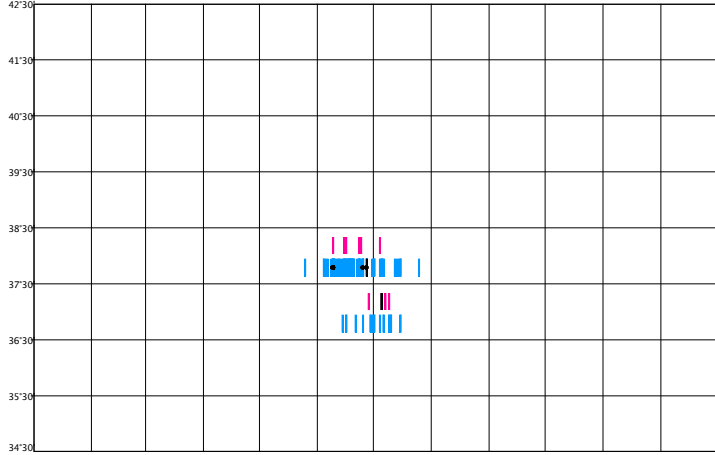
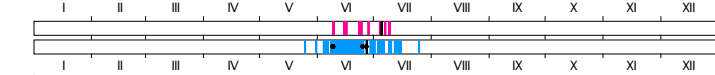
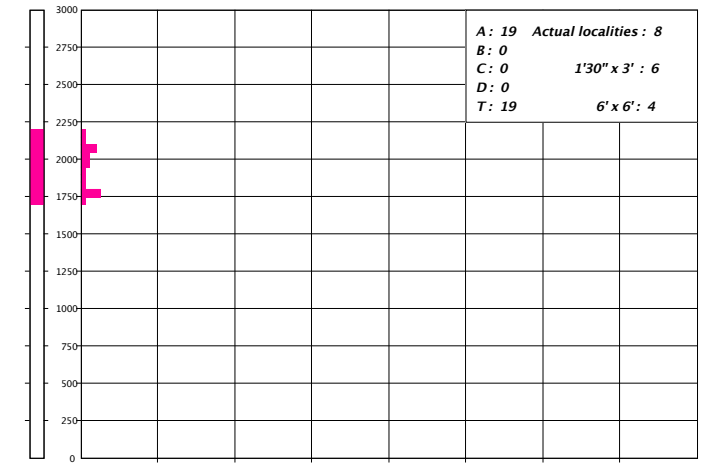
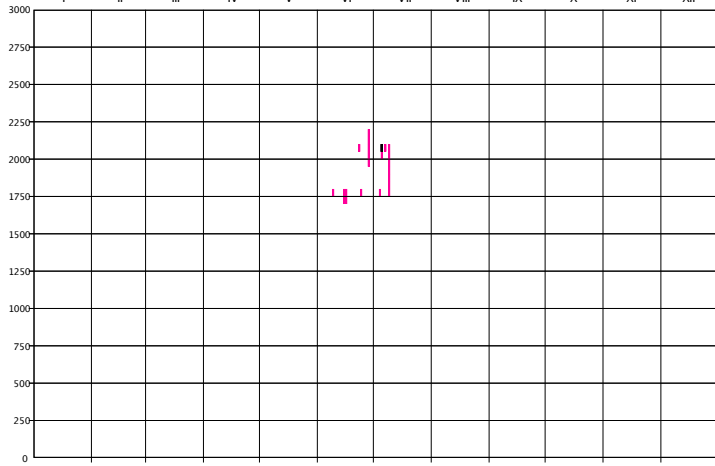
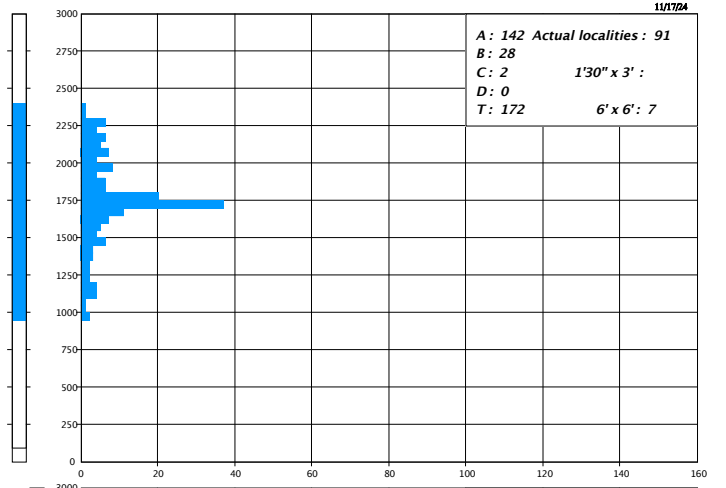
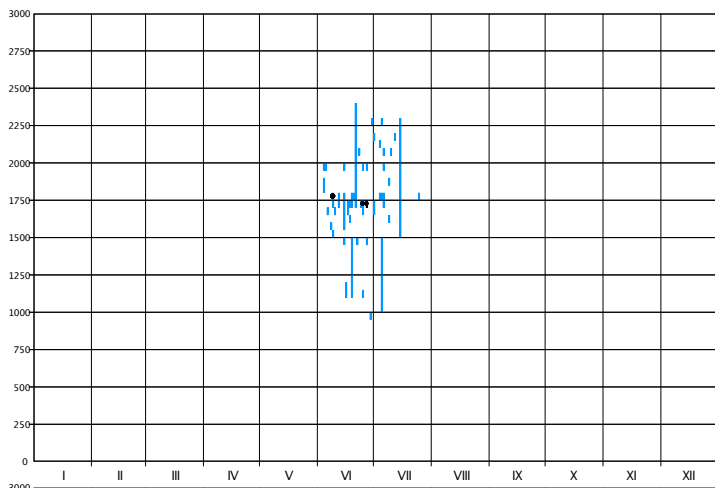


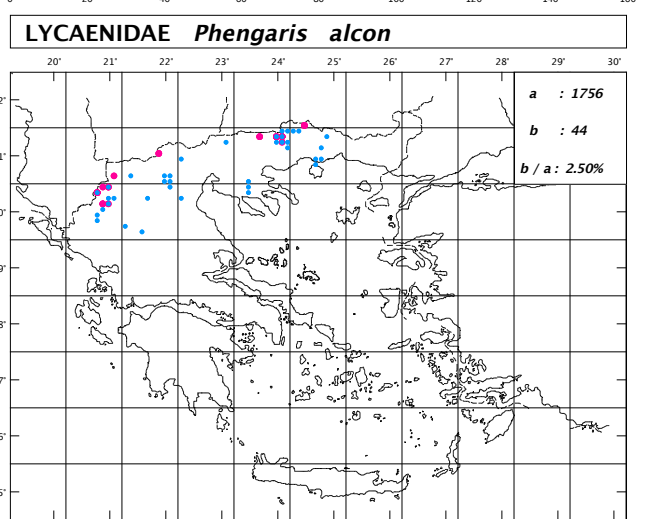
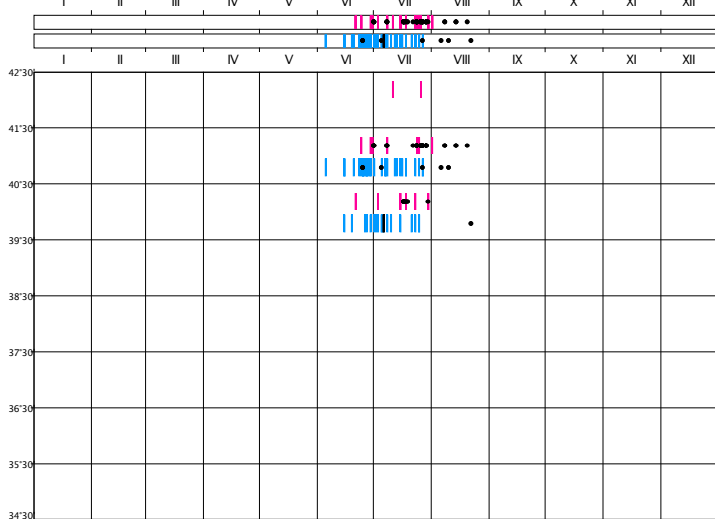
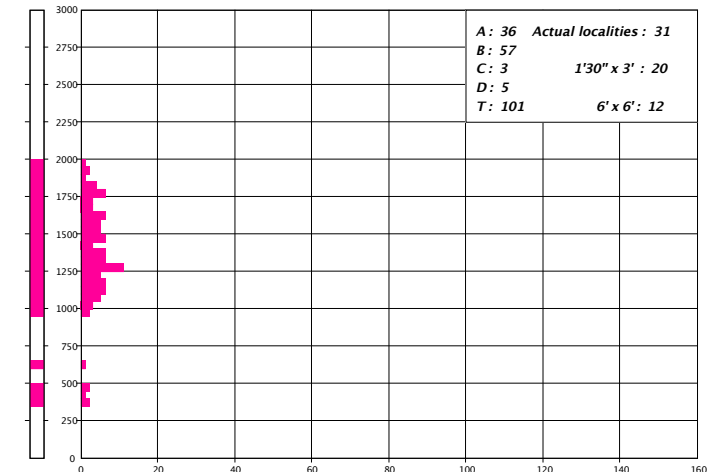
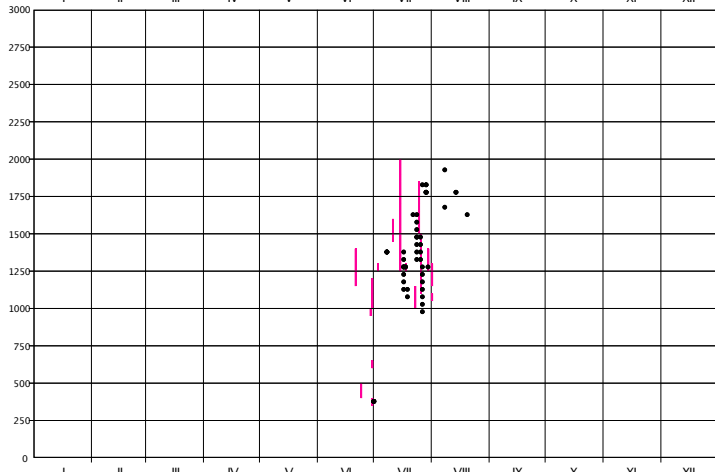
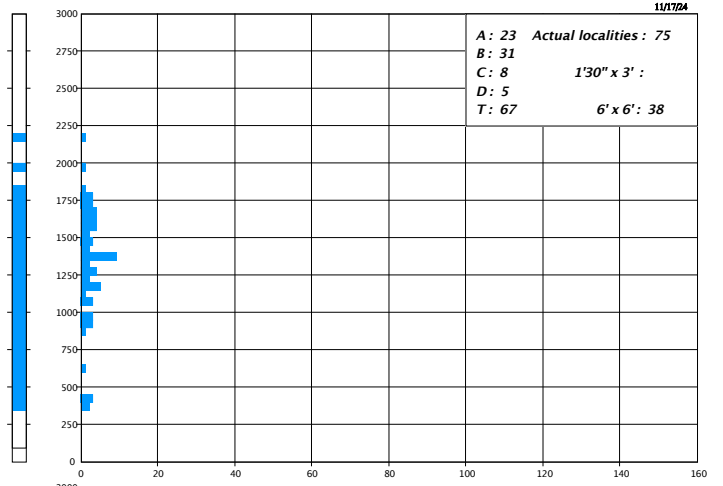
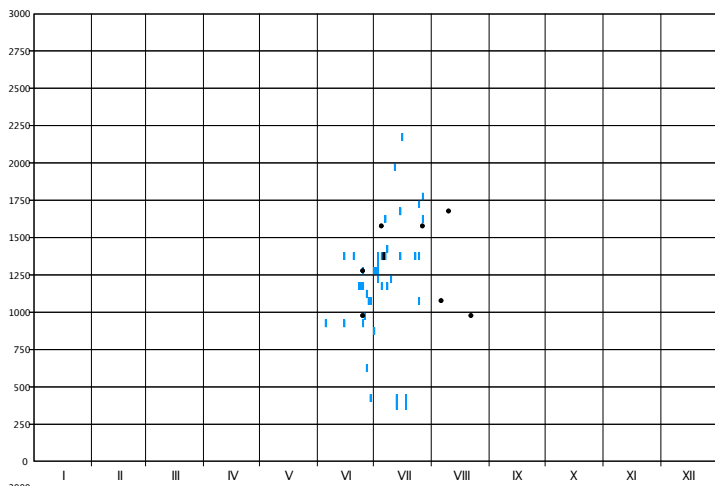
LYCAENIDAE *Cupido osiris*

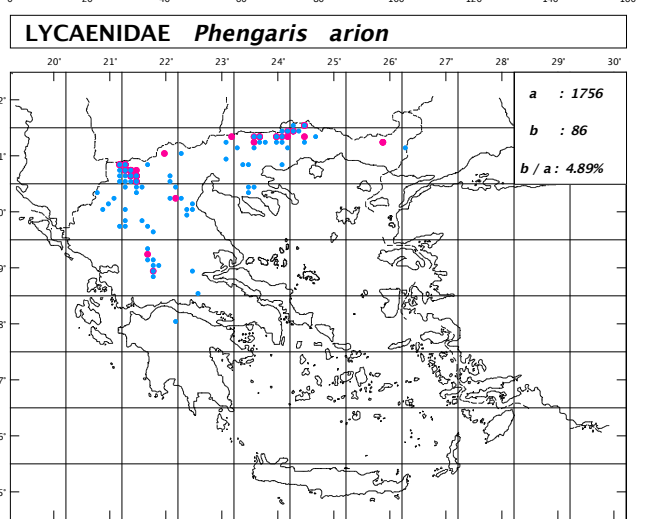
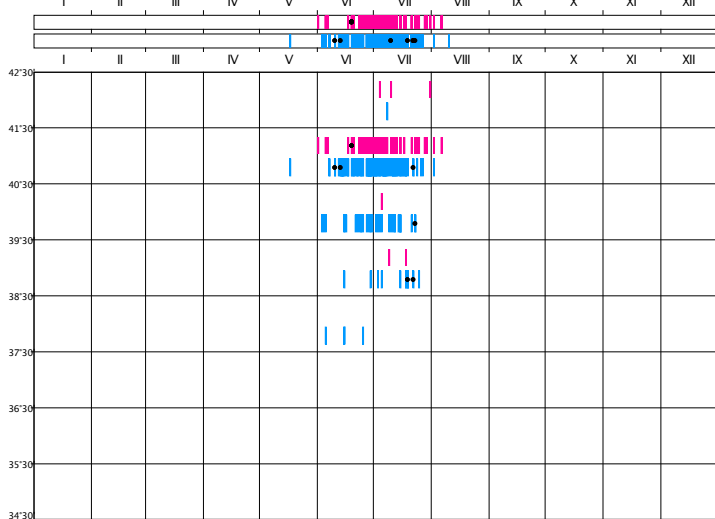
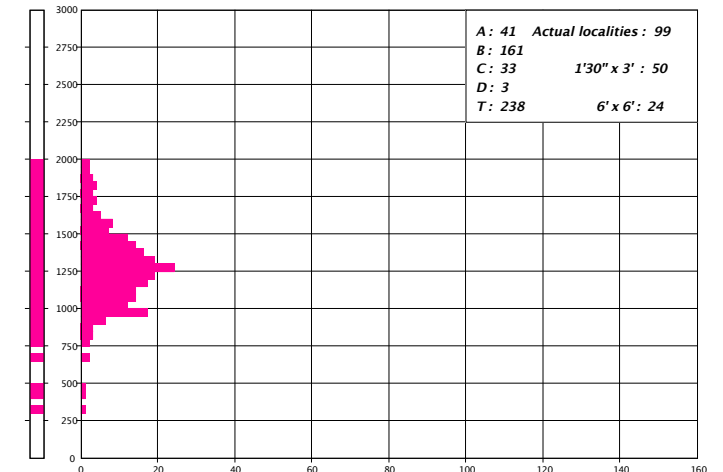
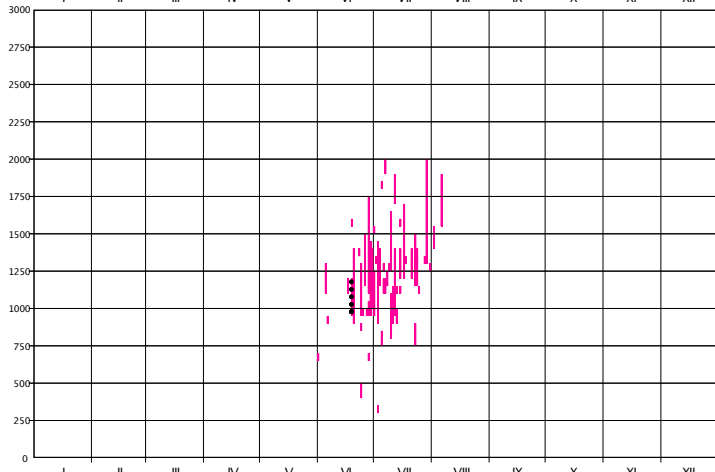
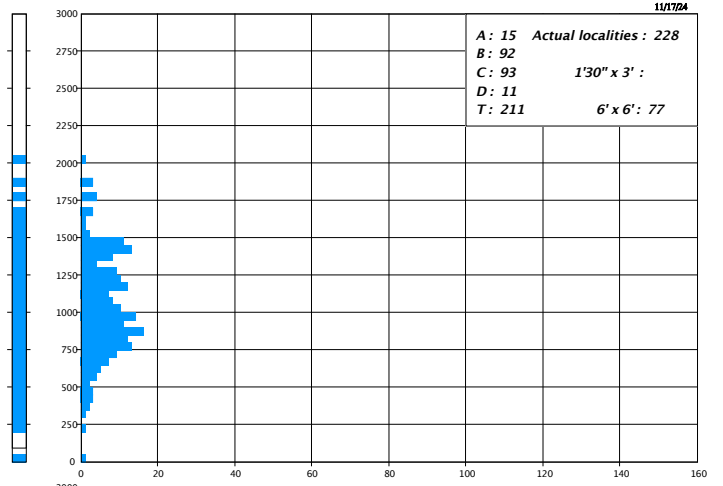
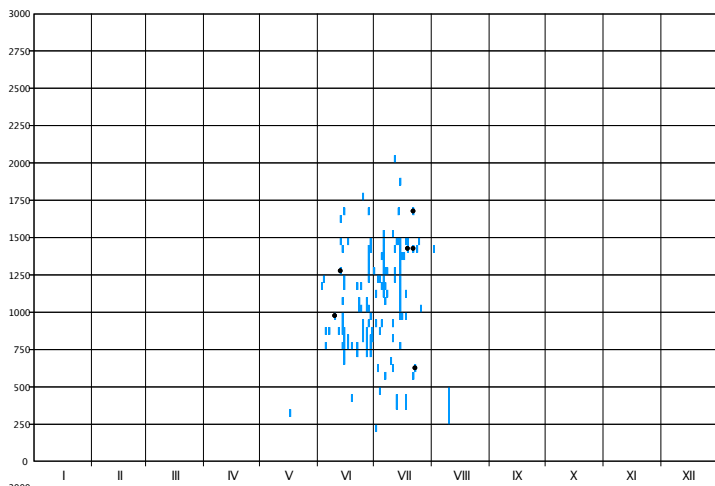


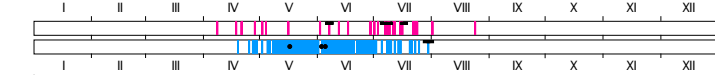
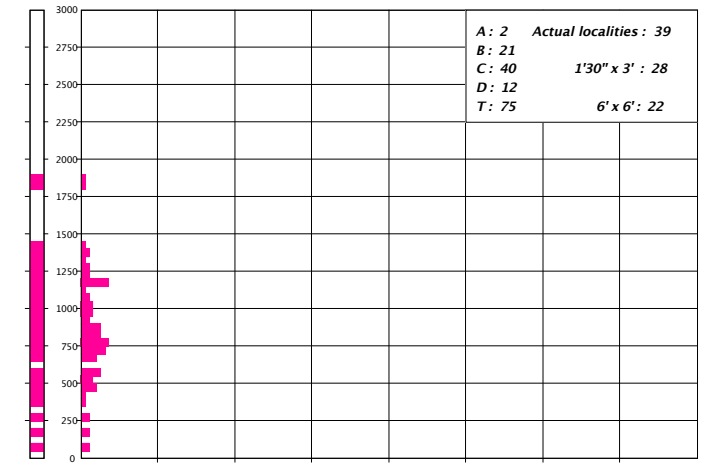
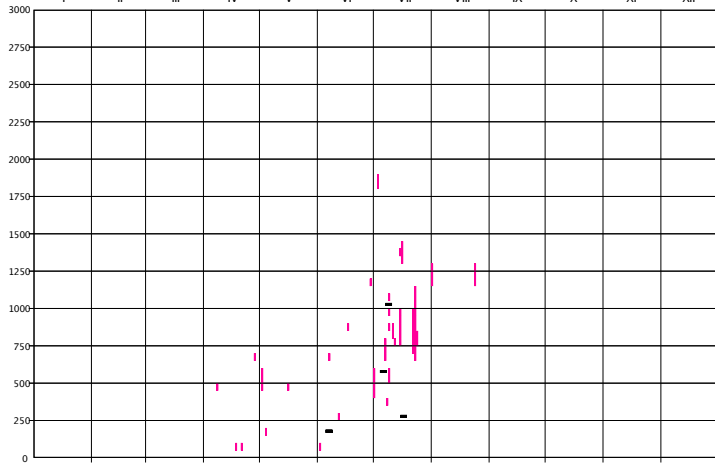
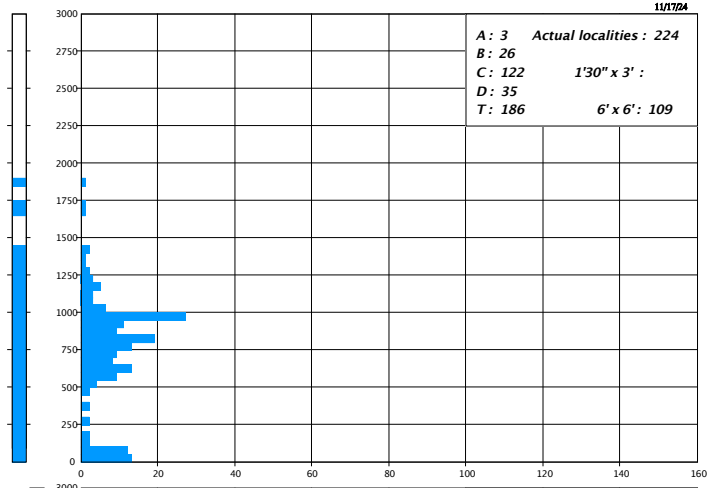
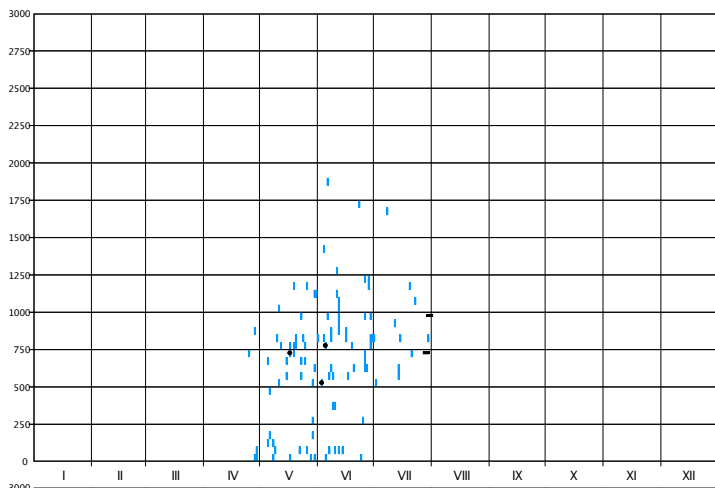




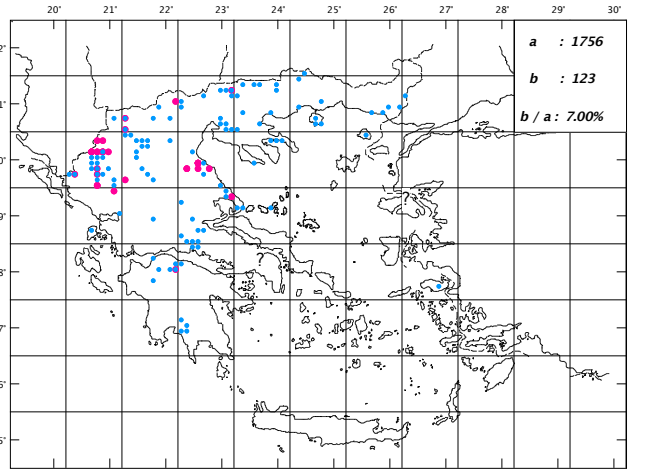
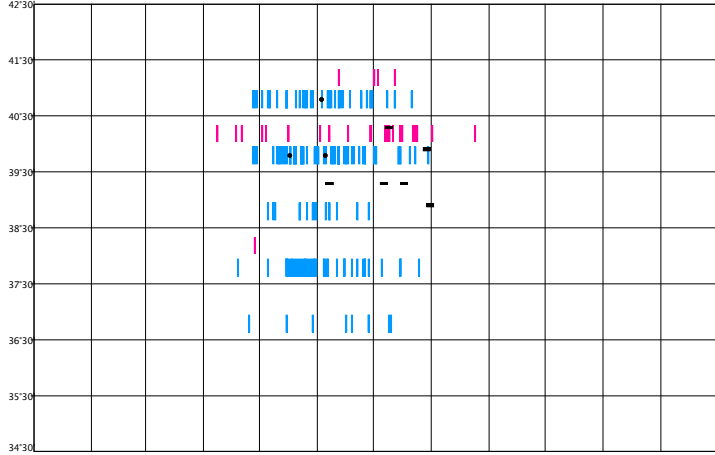


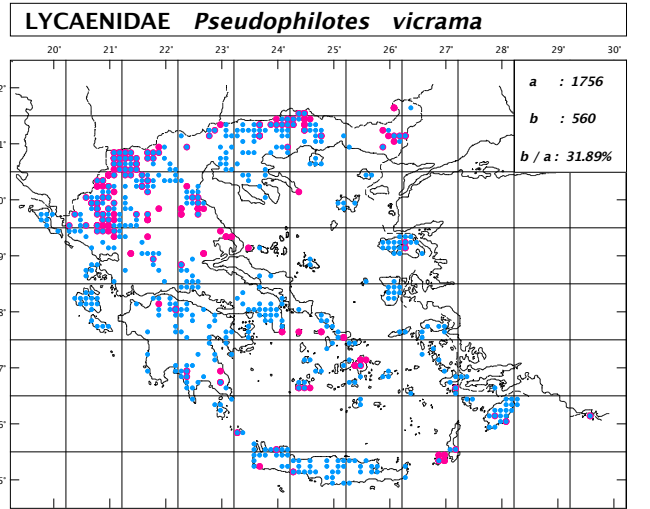
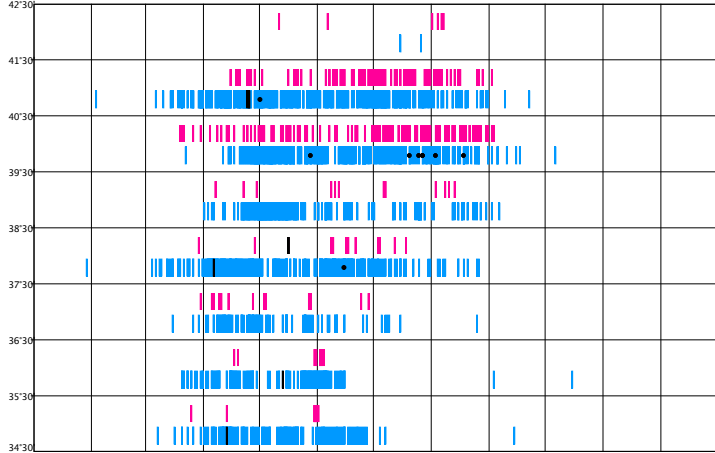
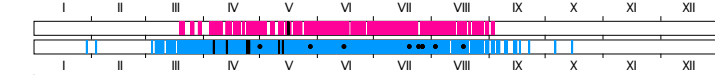
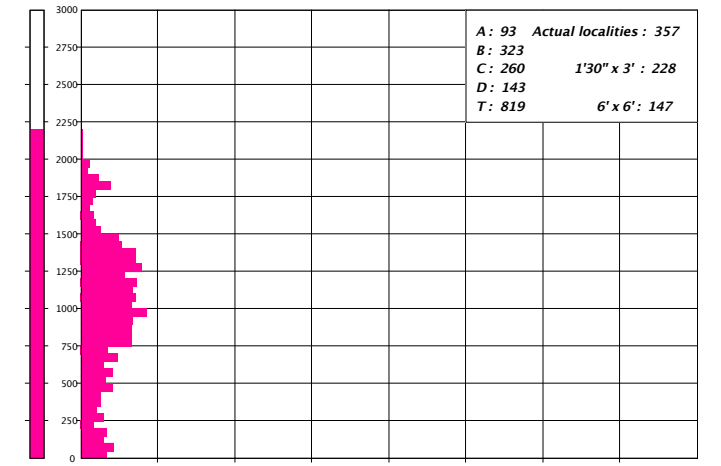
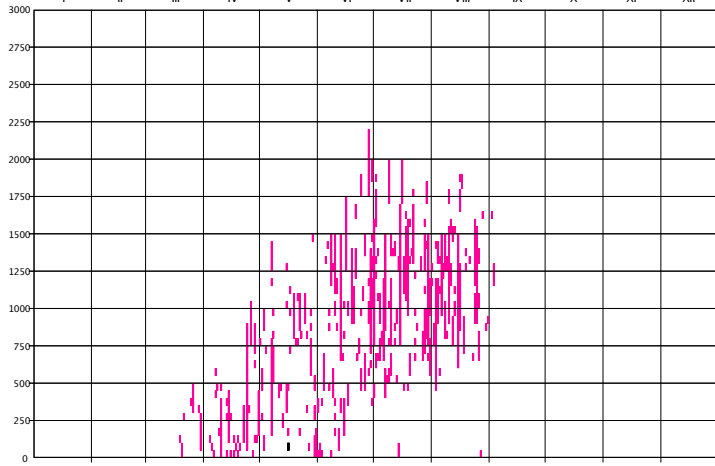
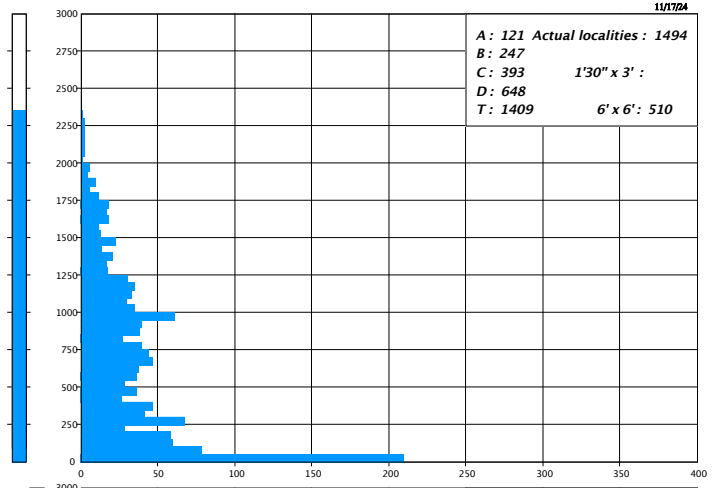
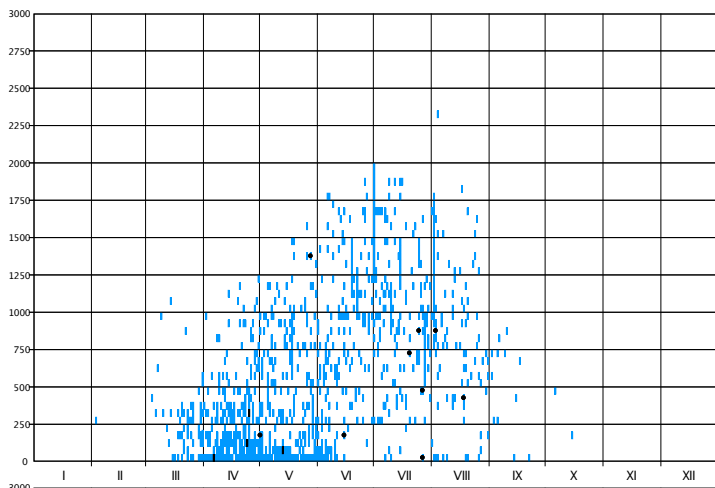


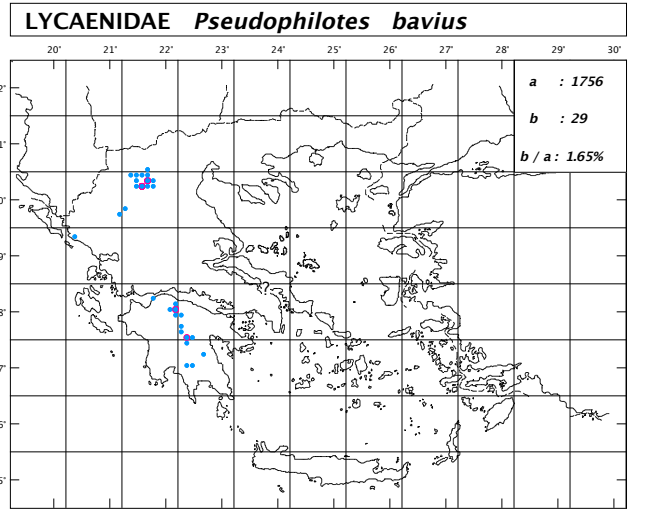
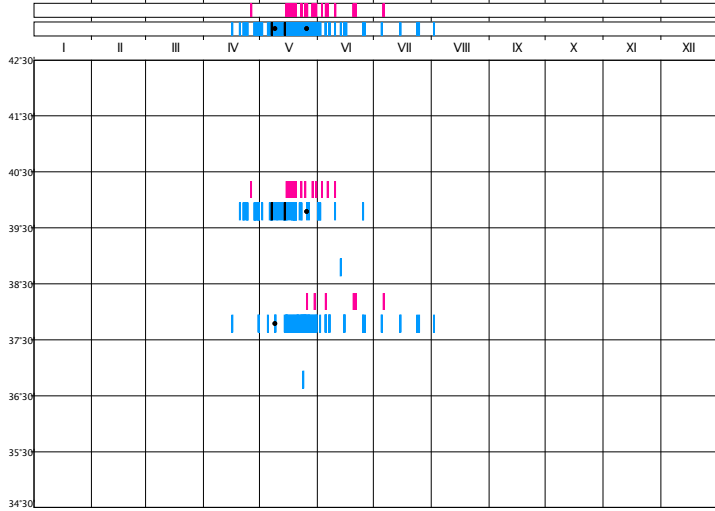
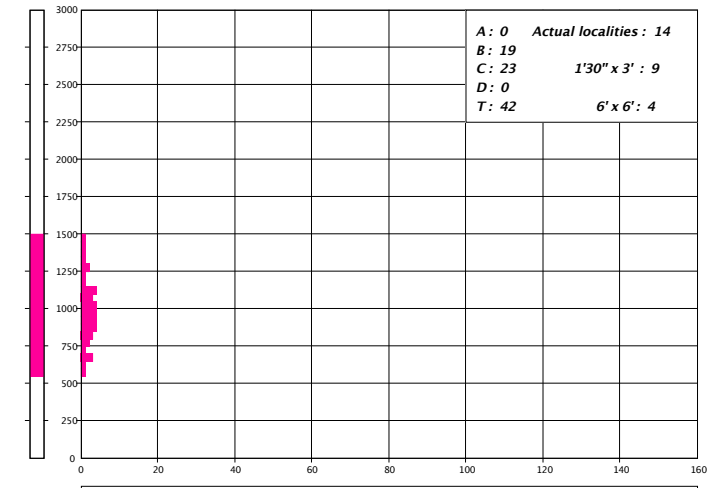
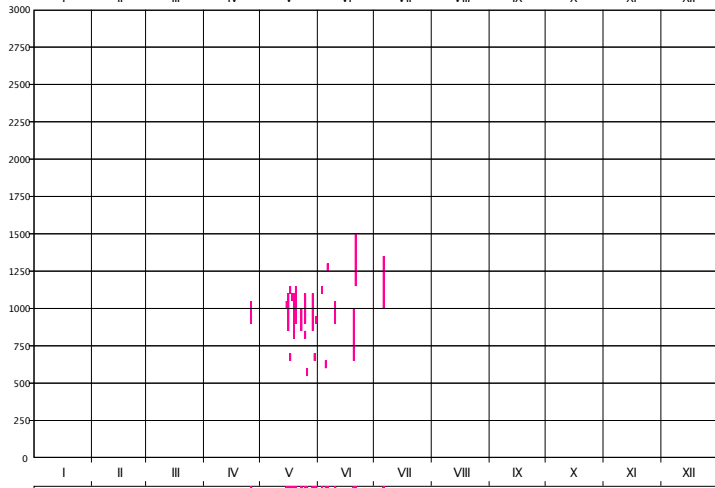
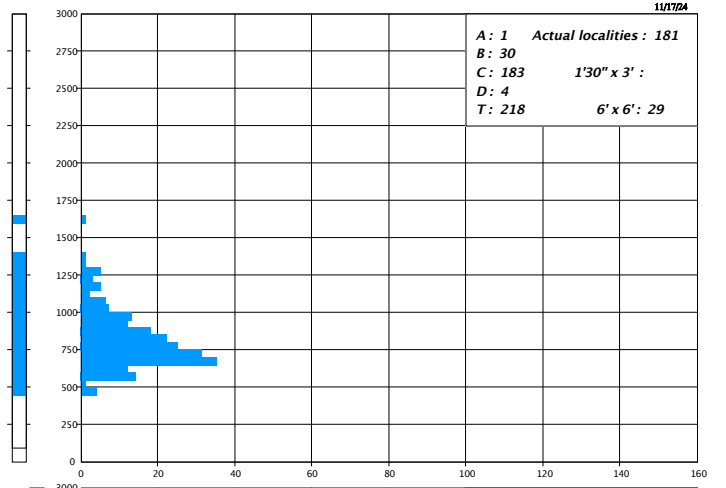
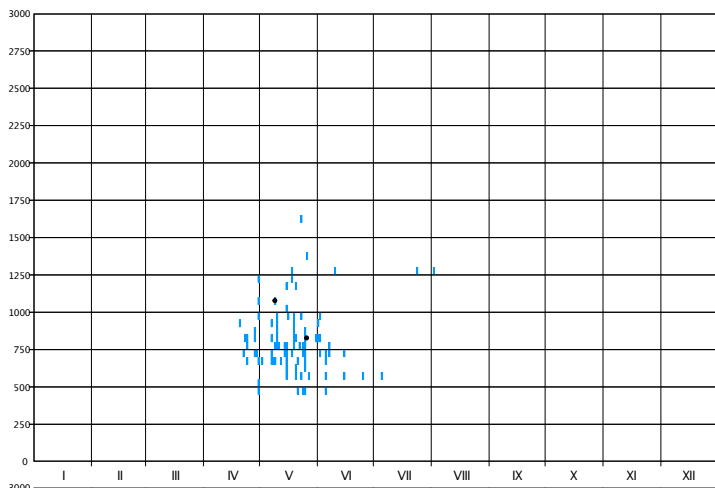


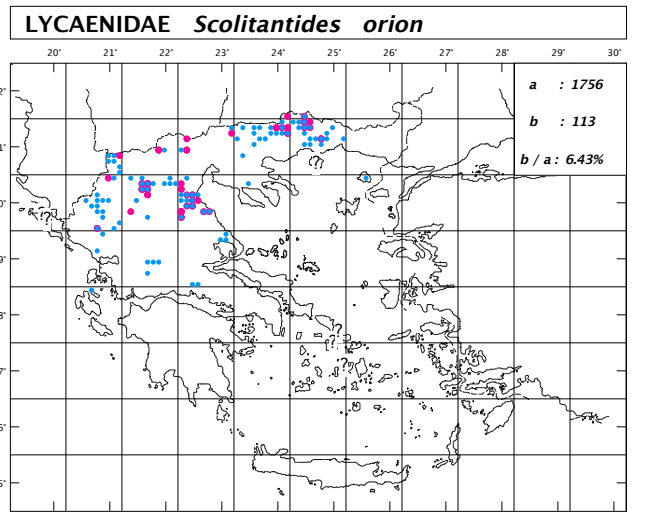
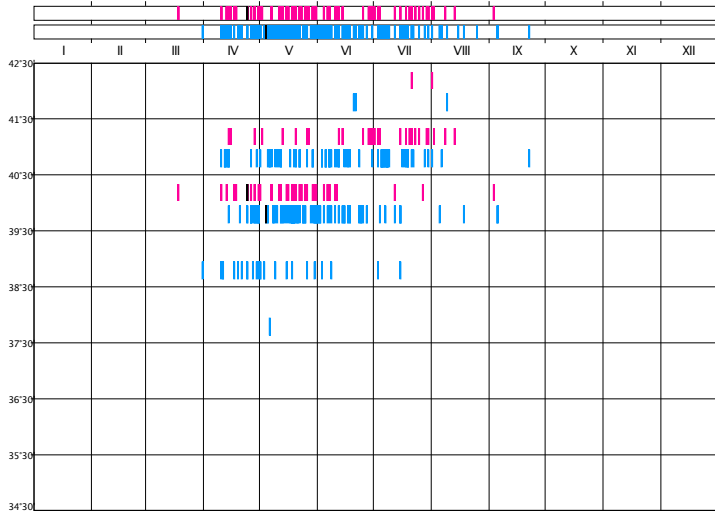
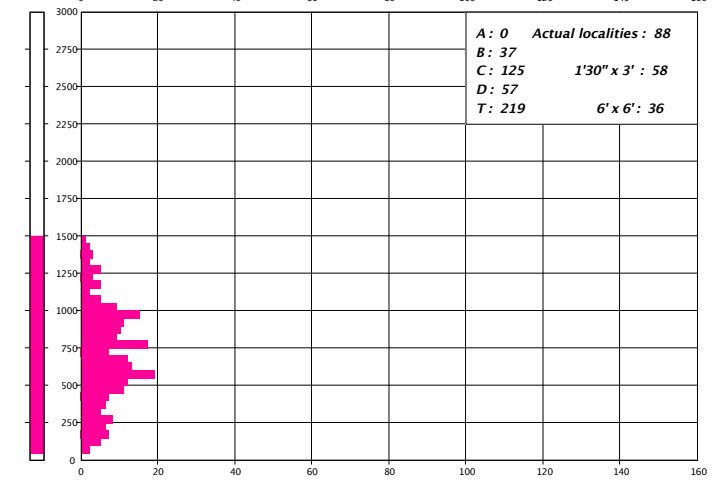
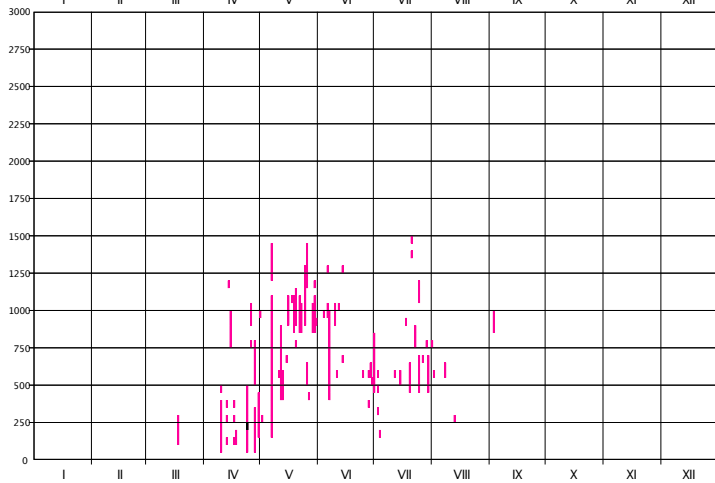
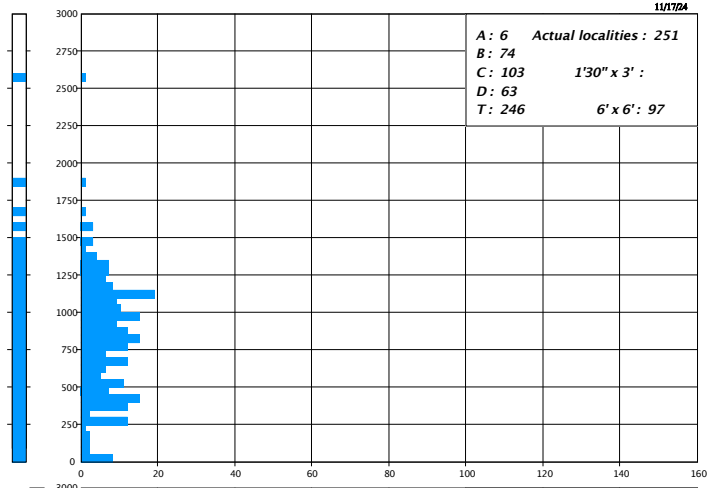
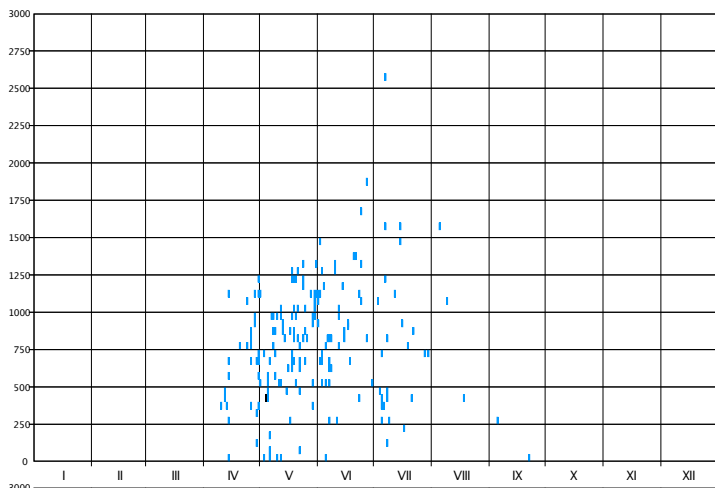


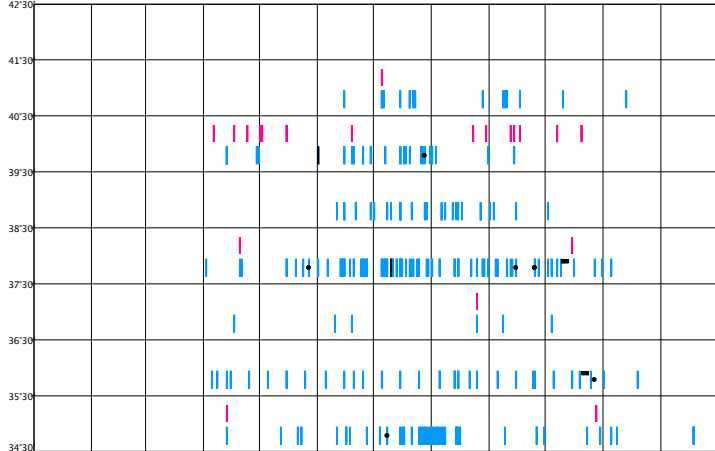
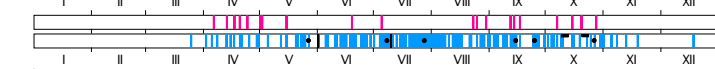
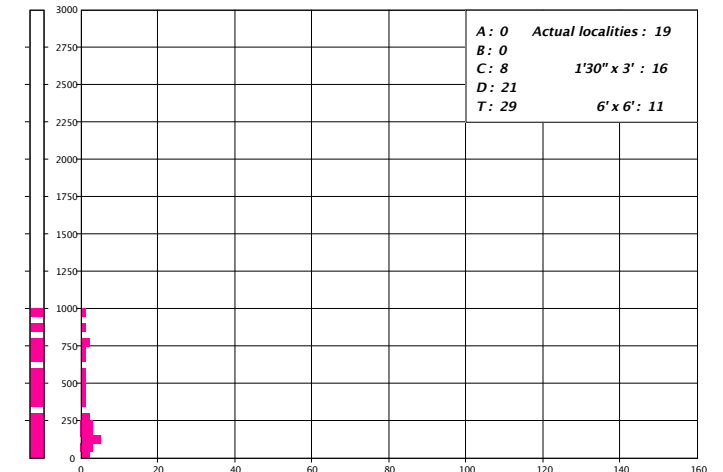
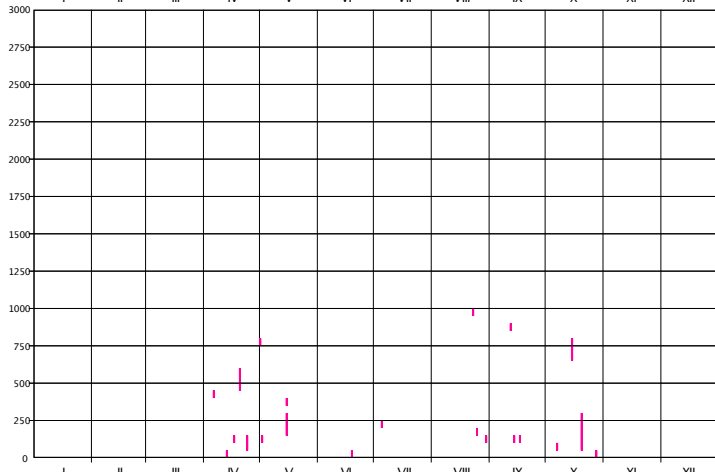
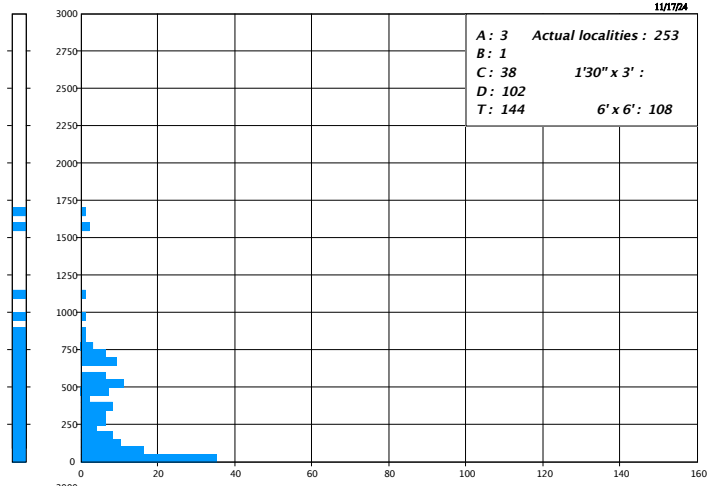
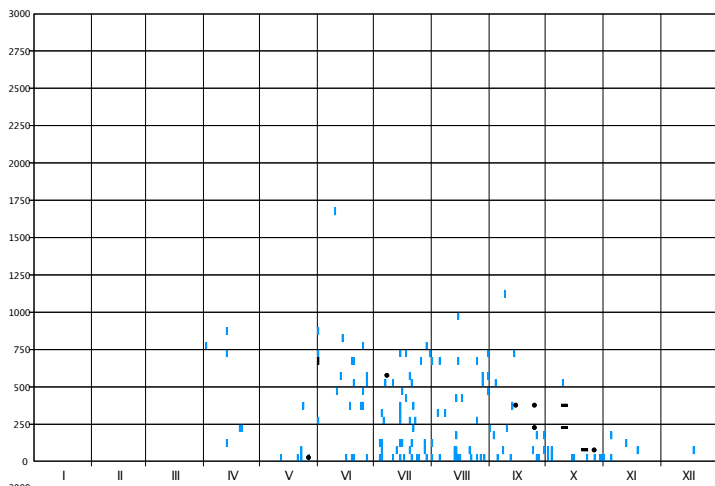
LYCAENIDAE *Iolana iolas*



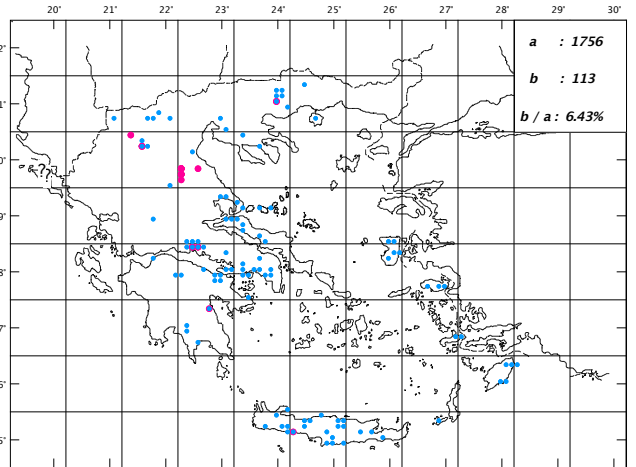


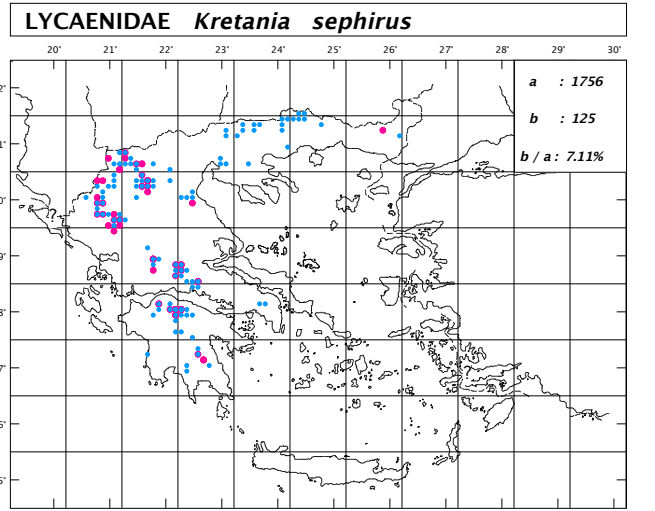
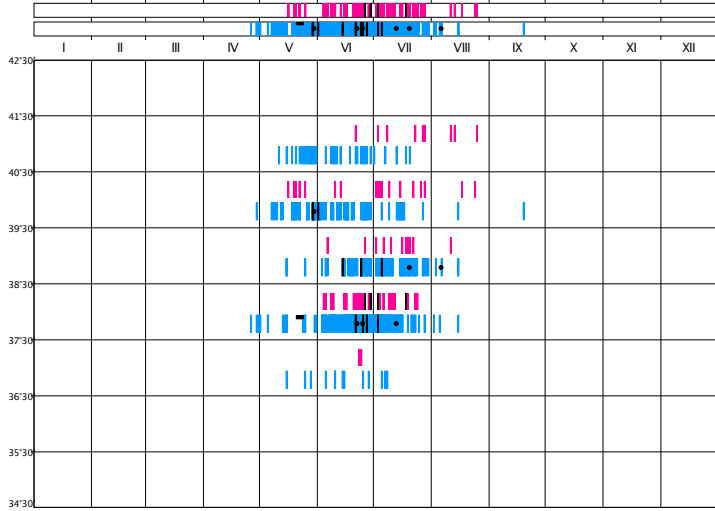
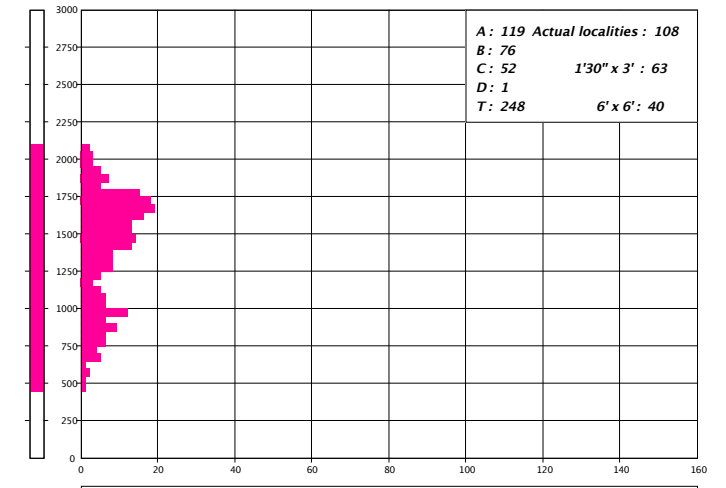
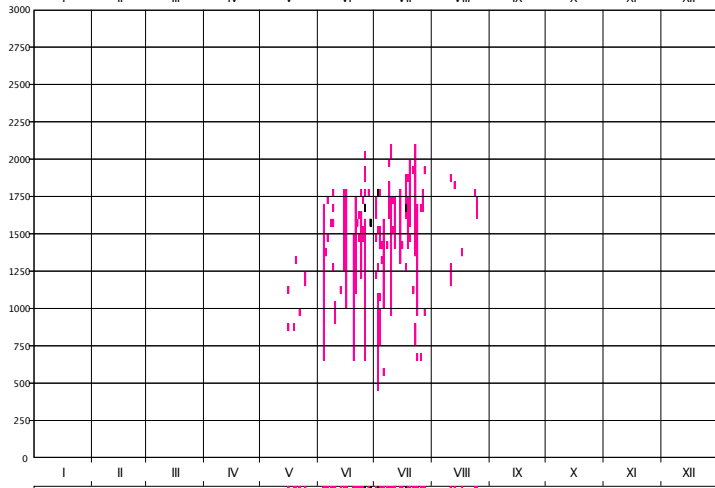
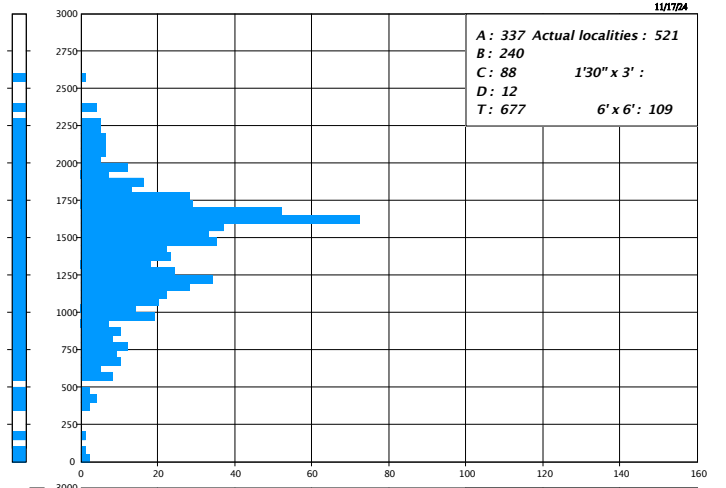
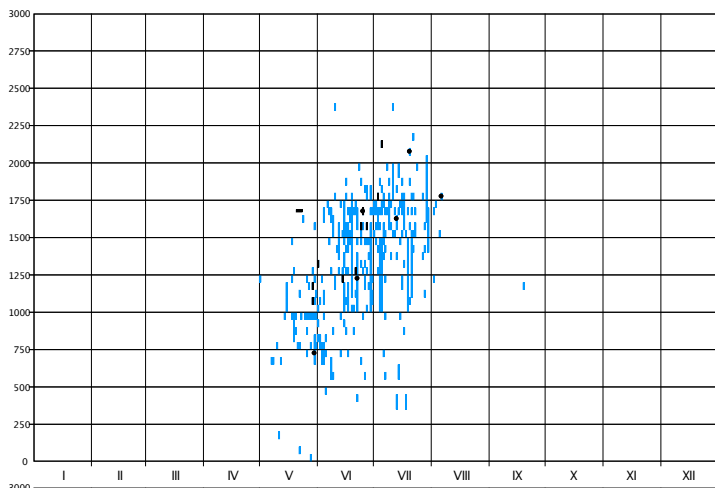


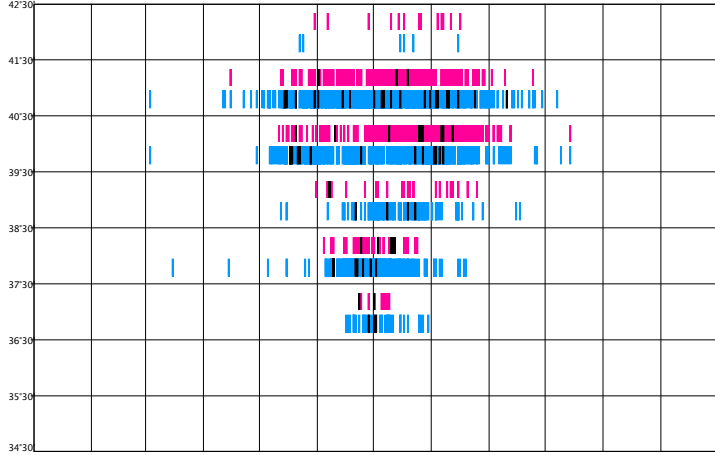
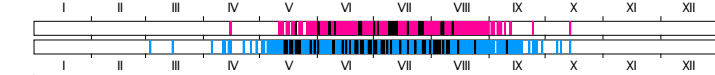
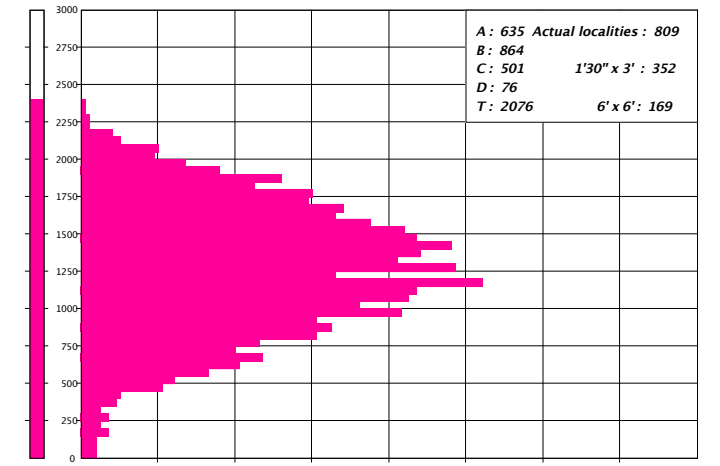
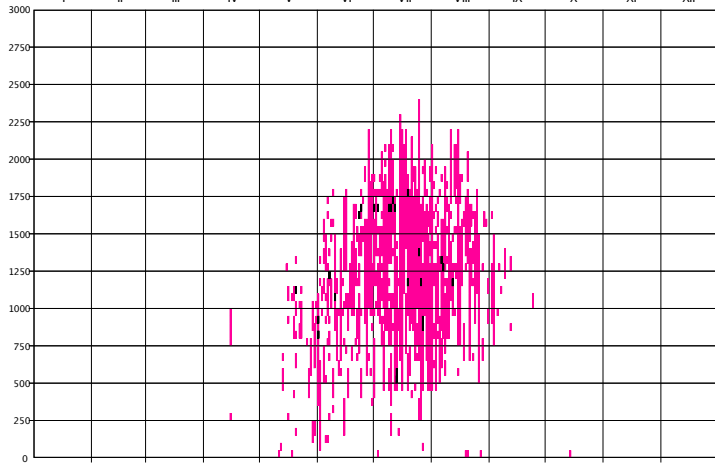
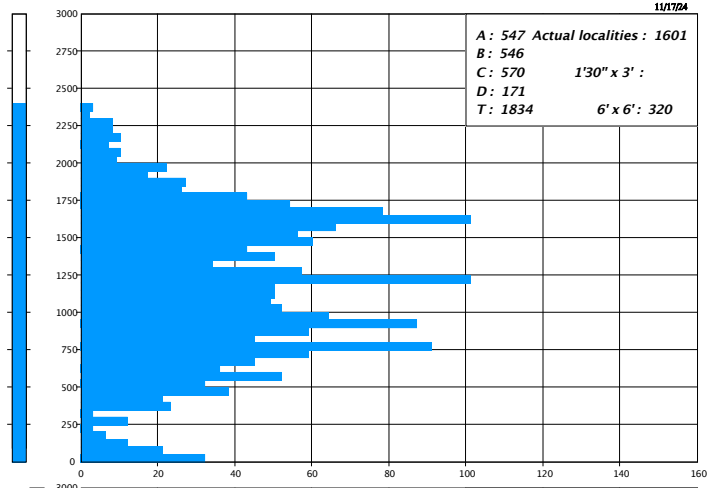
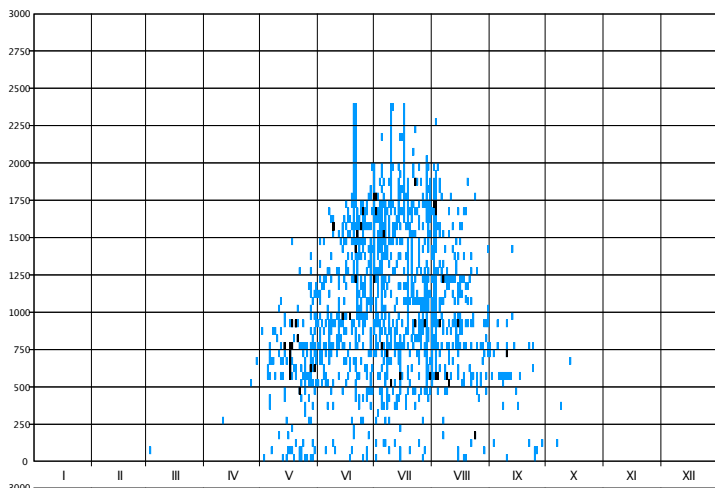




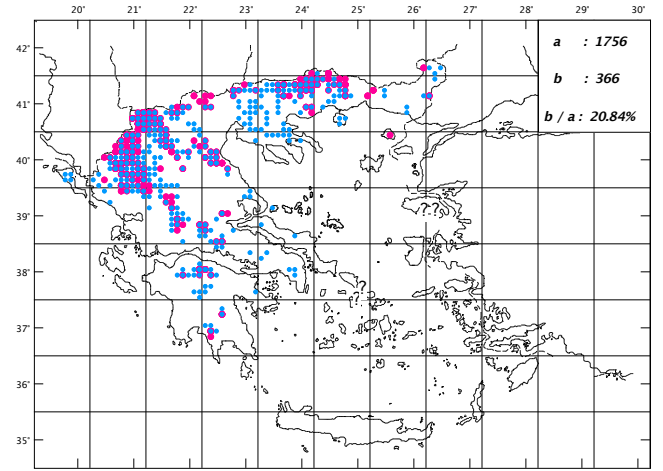
LYCAENIDAE *Freyeria trochylus*

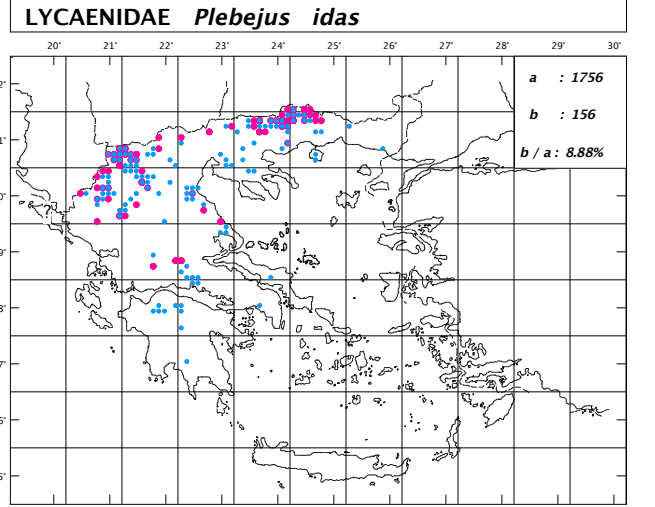
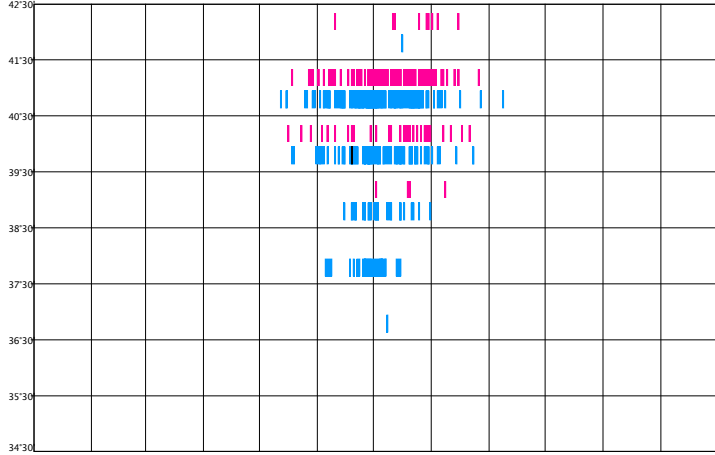
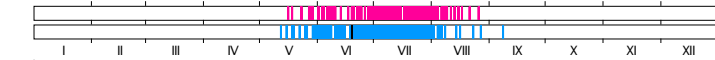
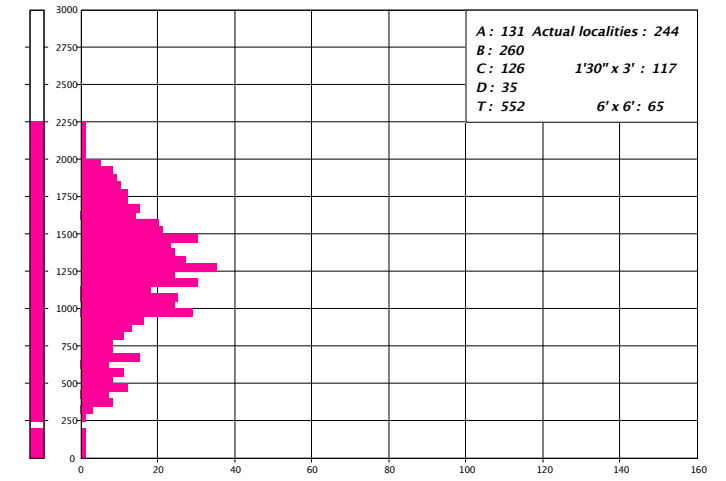
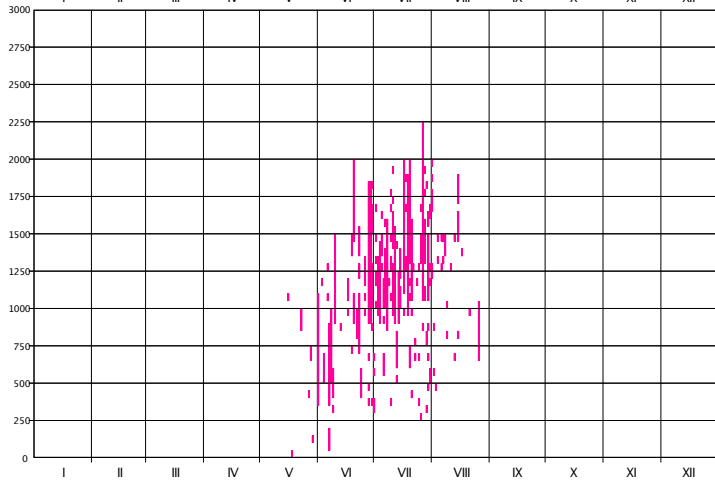
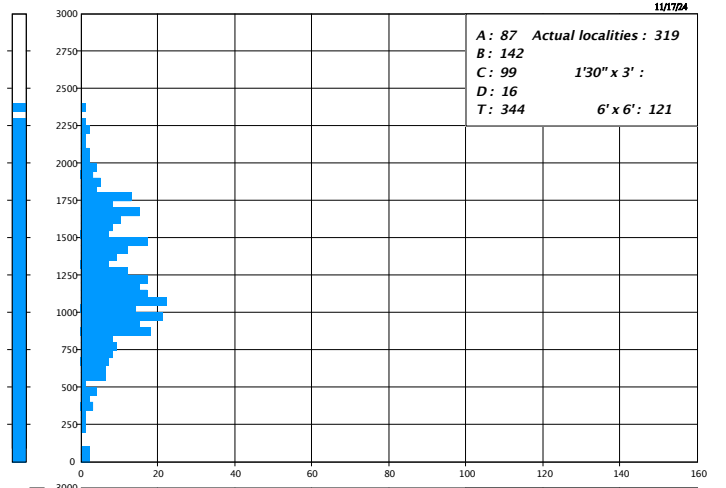
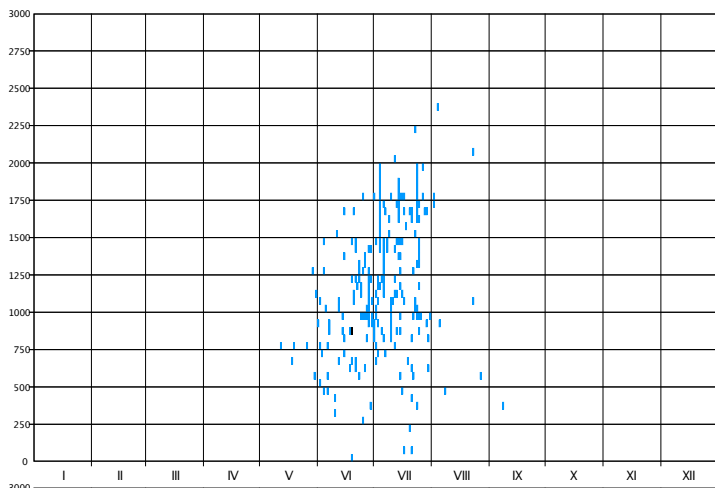


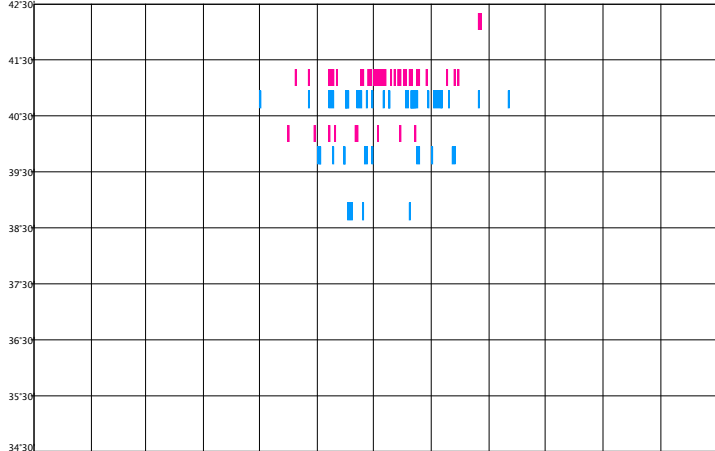
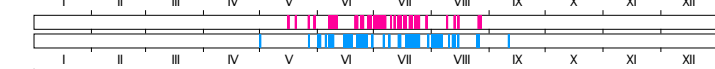
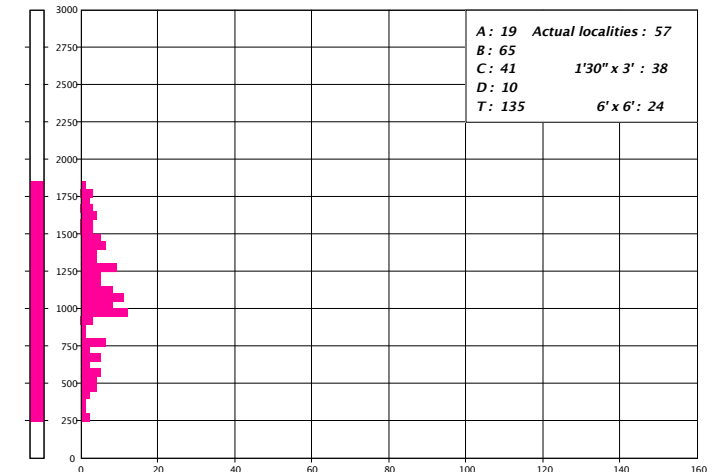
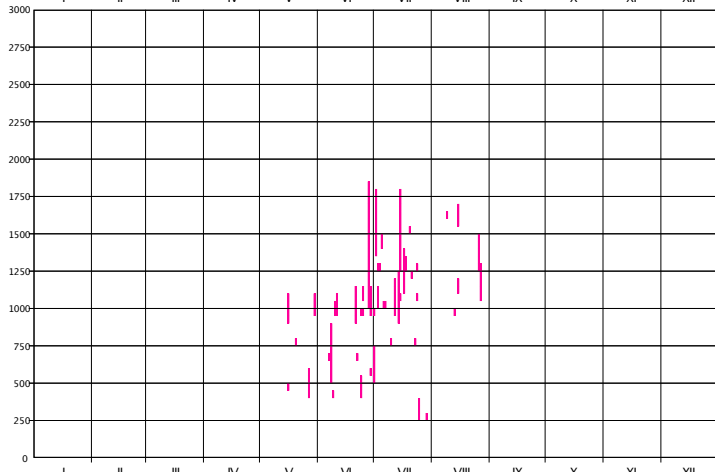
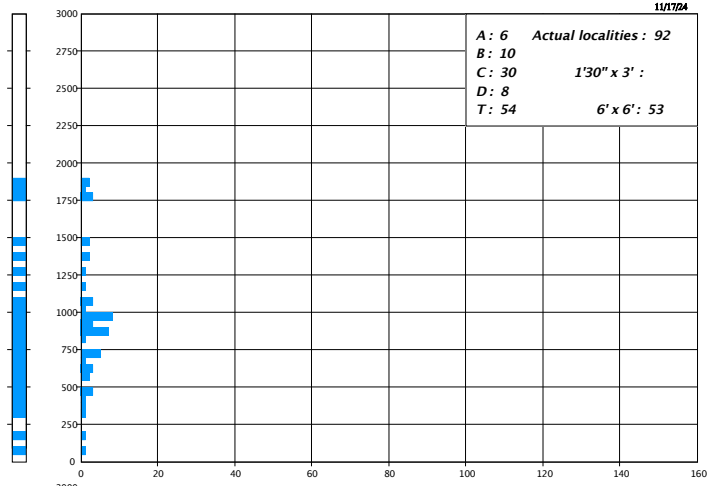
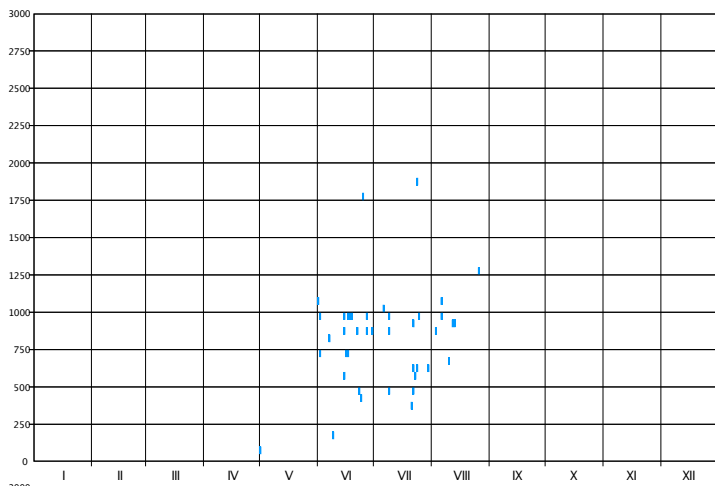




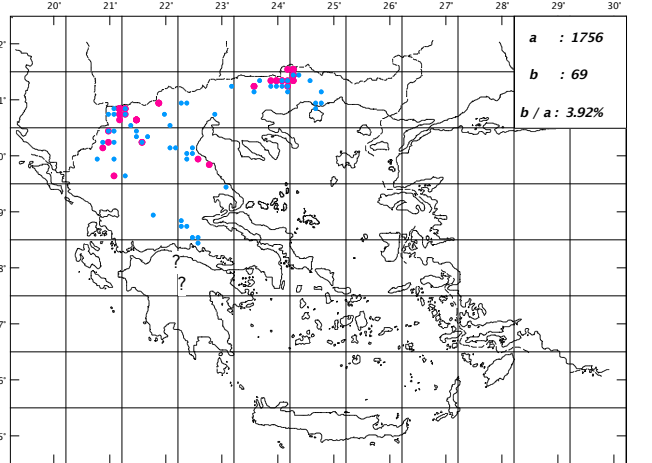
LYCAENIDAE *Plebejus argus*

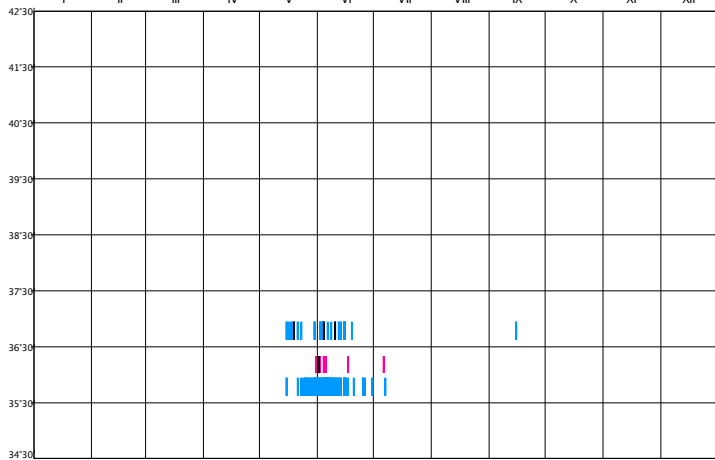
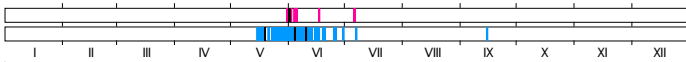
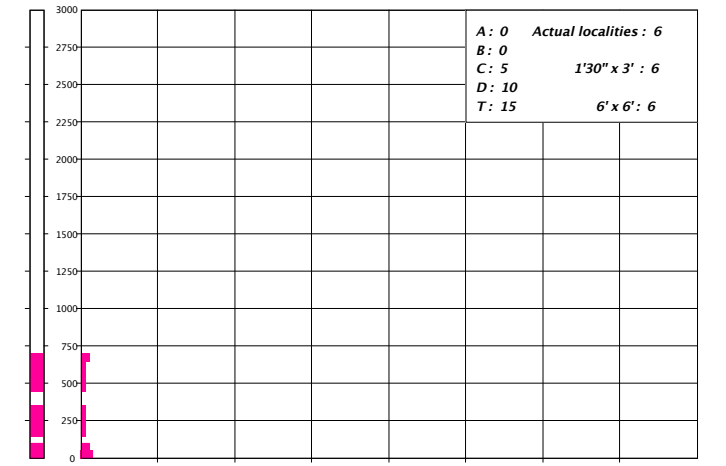
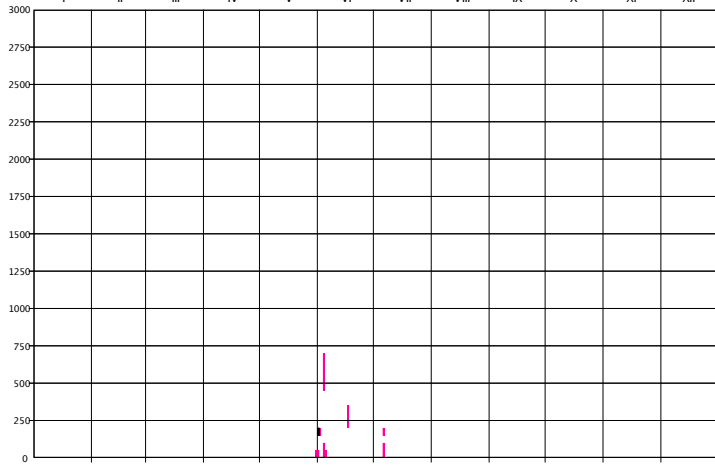
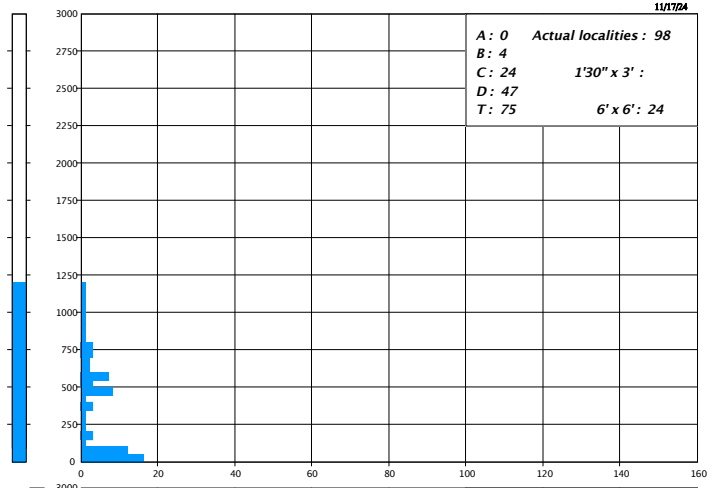
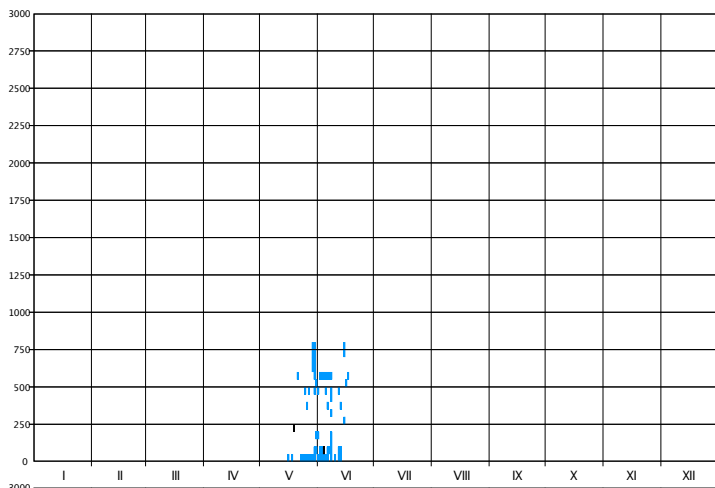




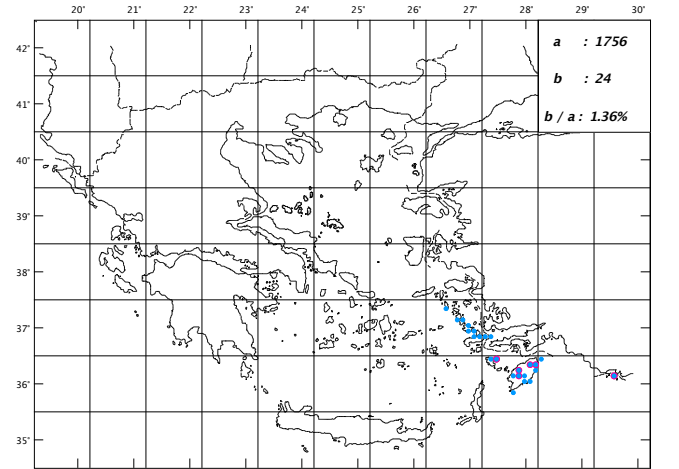


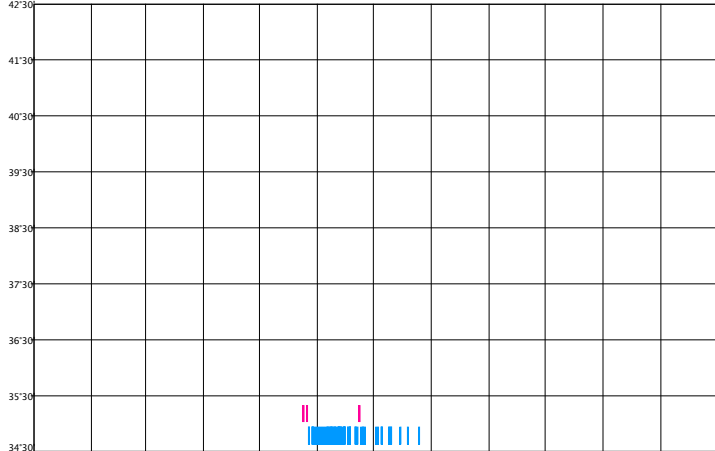
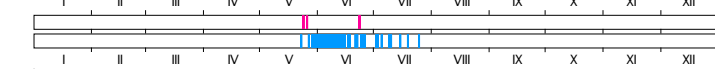
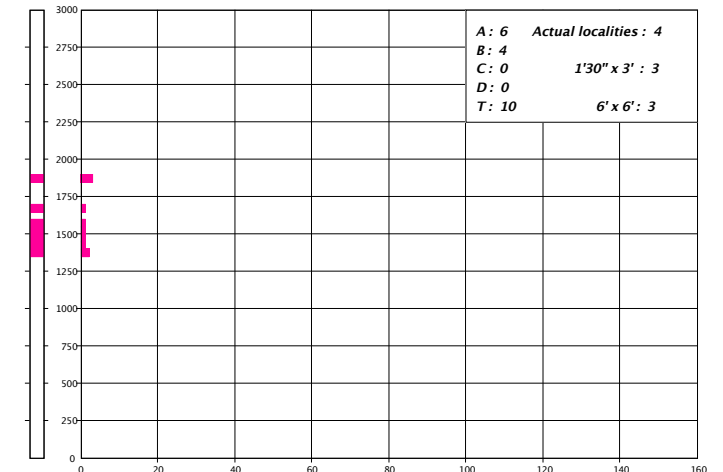
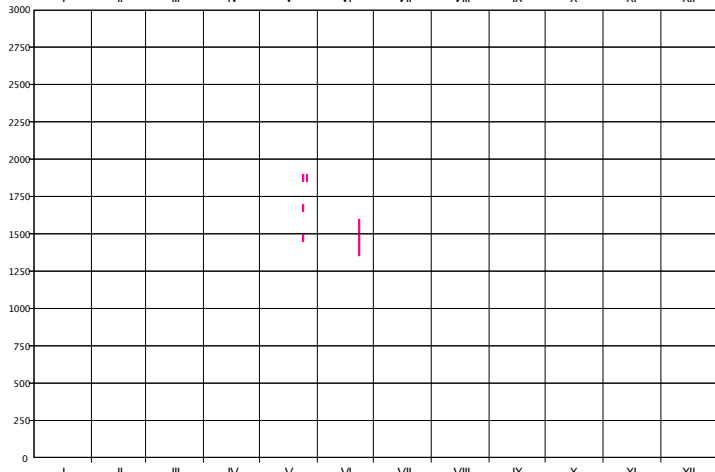
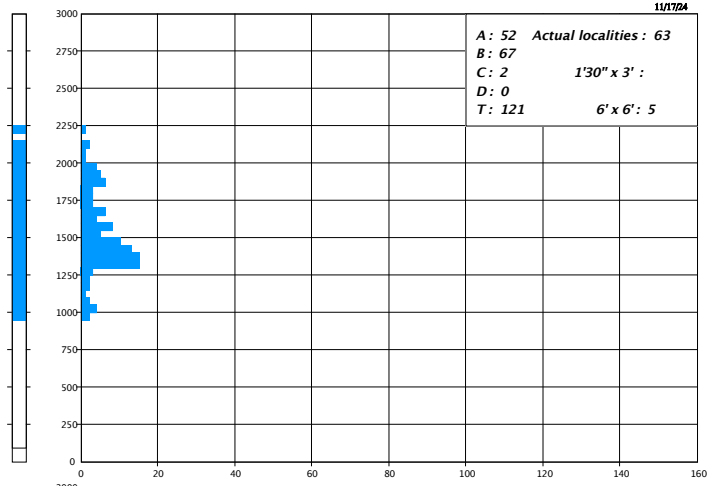
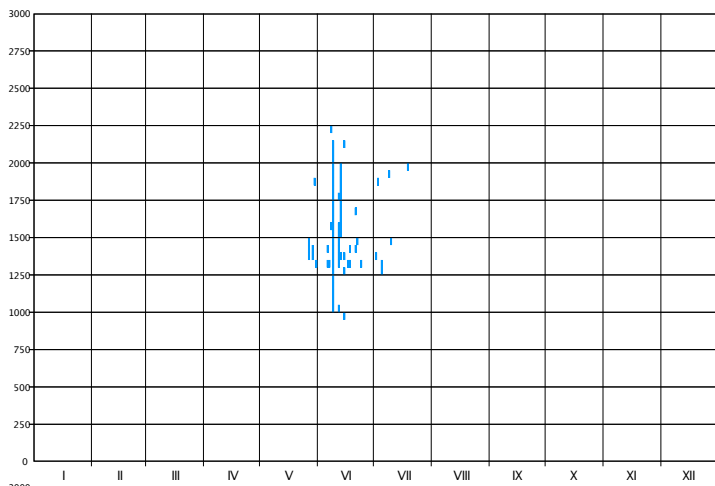
LYCAENIDAE *Plebejus argyrognomon*



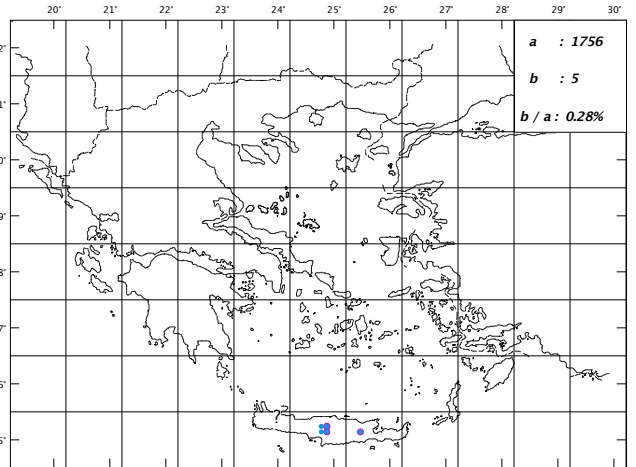


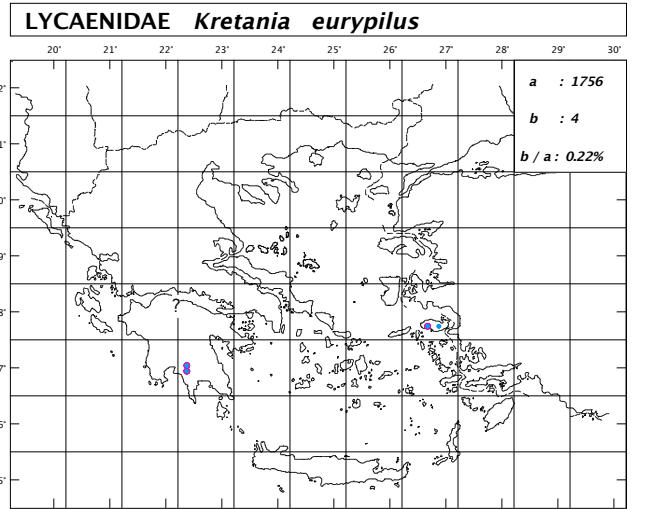
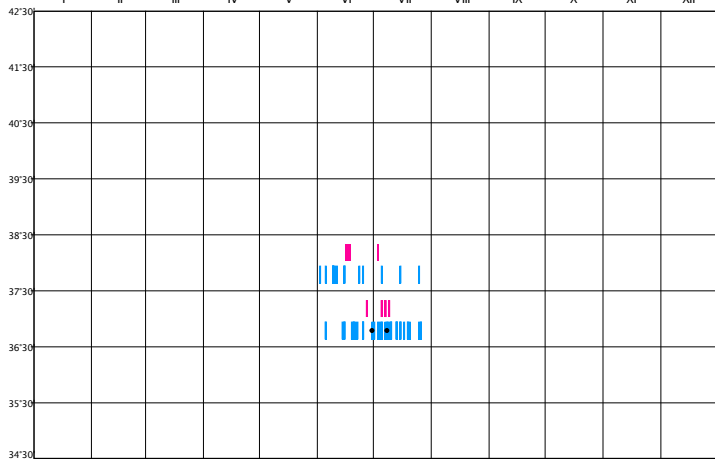
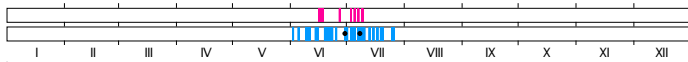
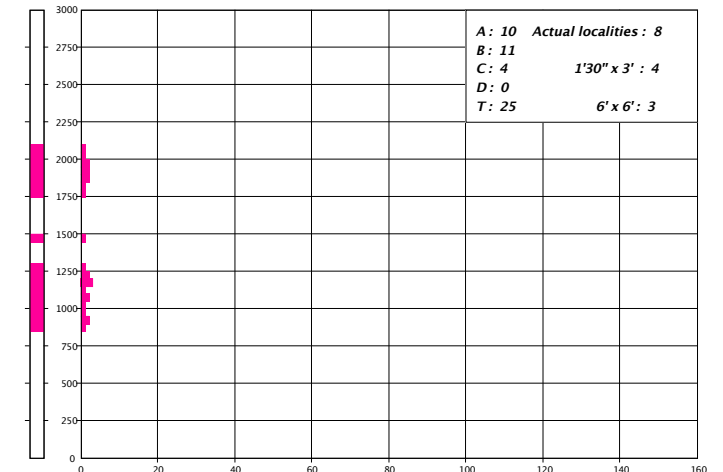
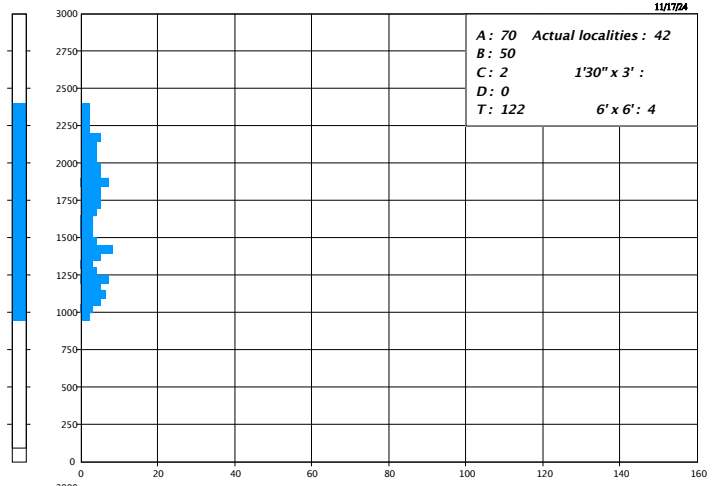
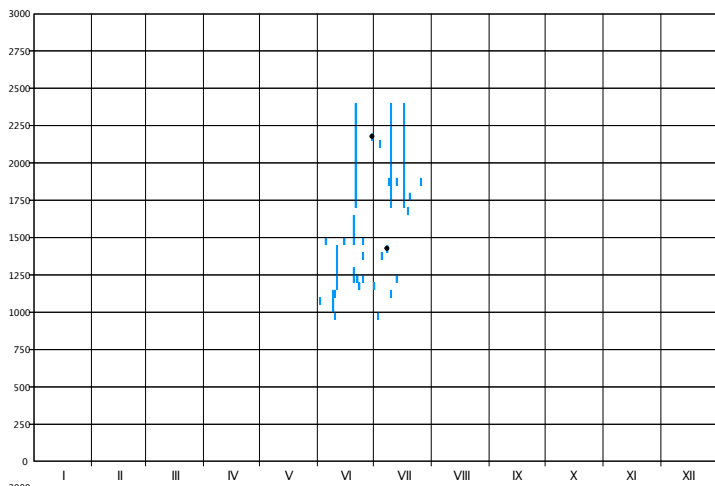
LYCAENIDAE *Plebejidea loewii*

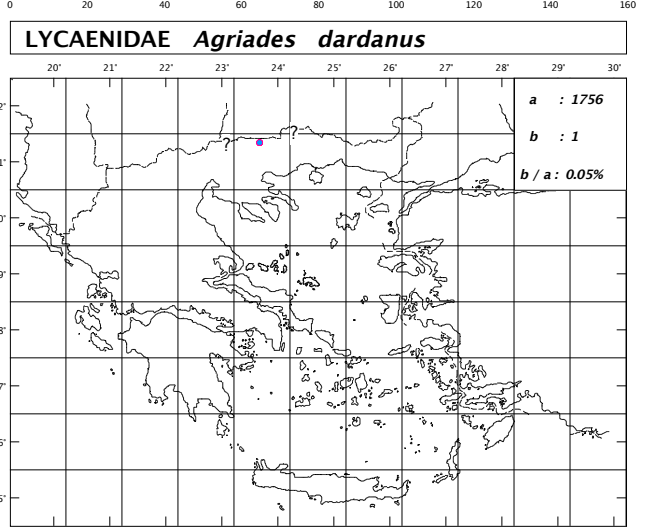
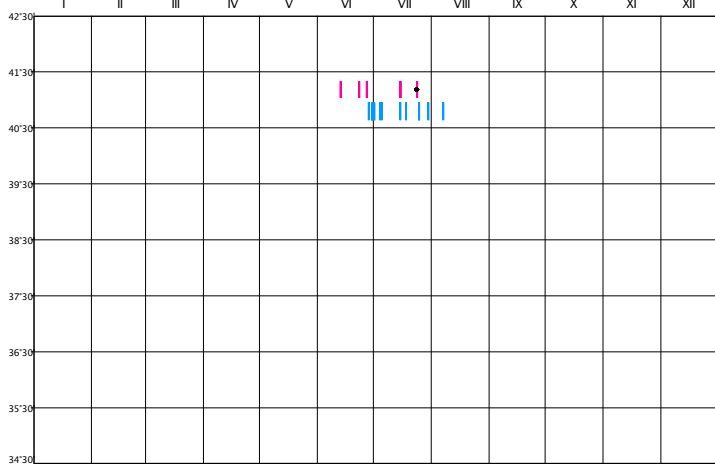
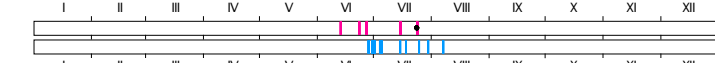
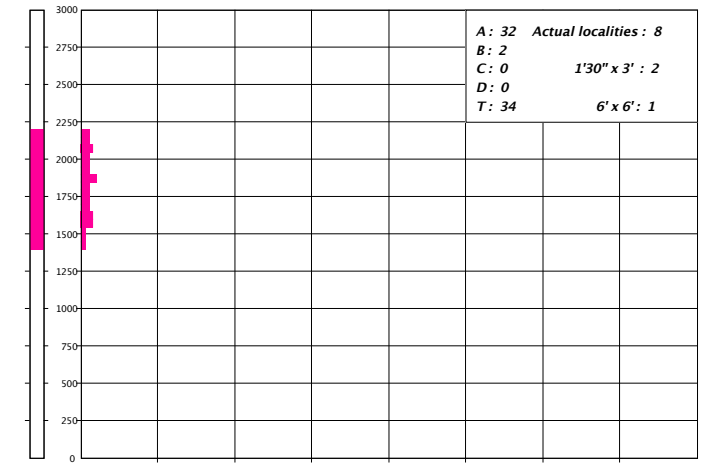
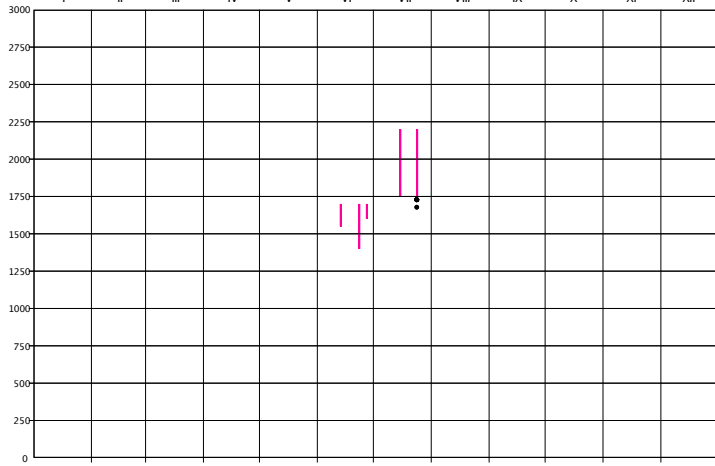
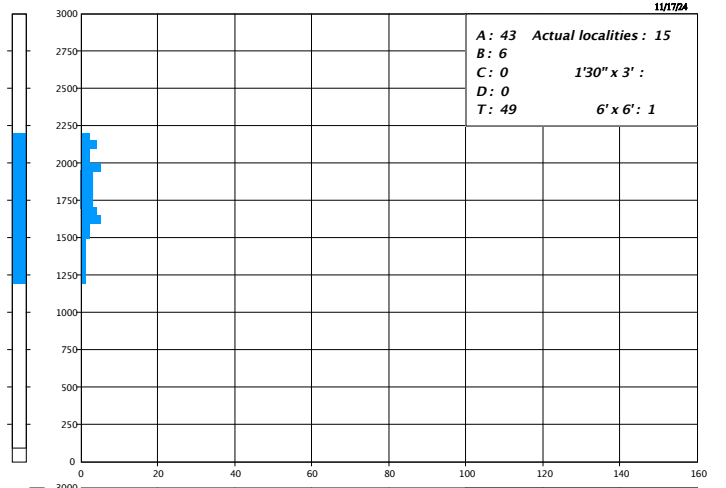
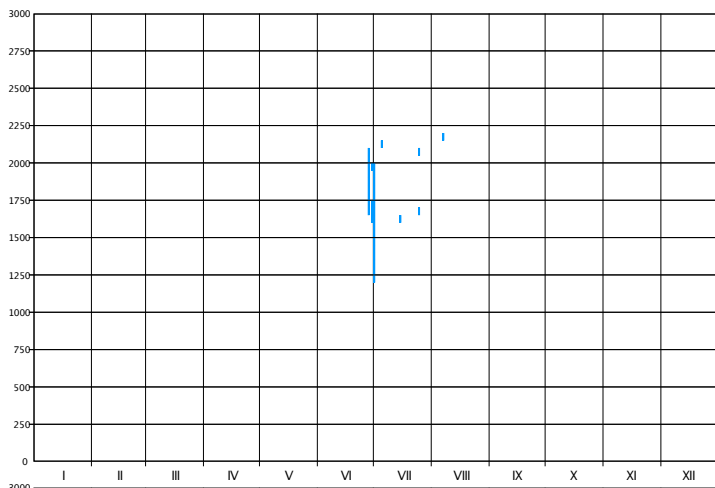


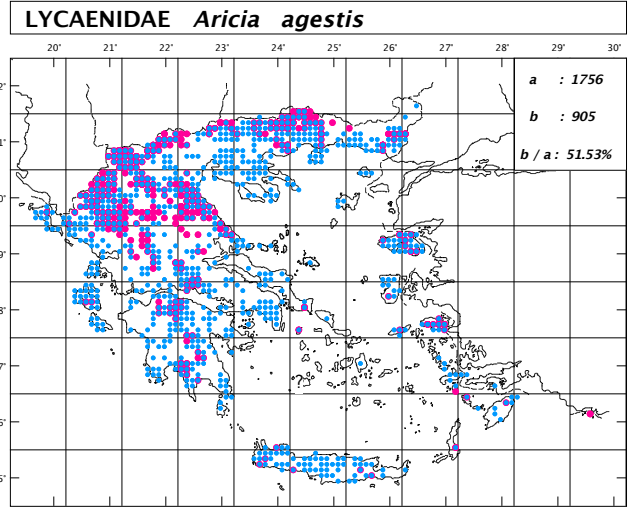
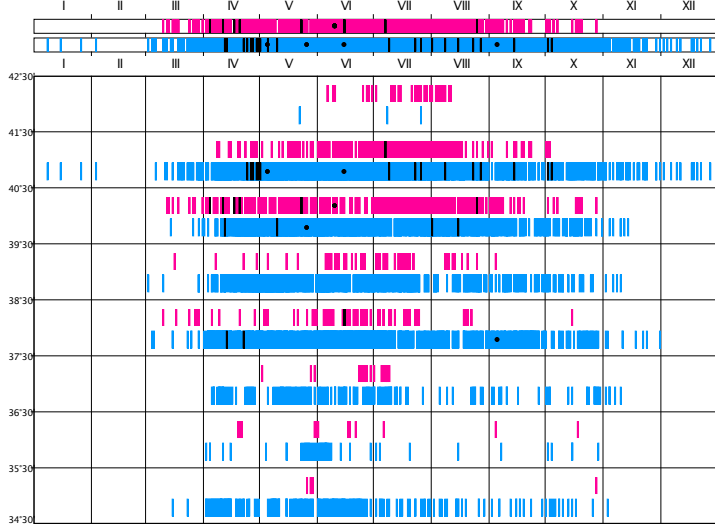
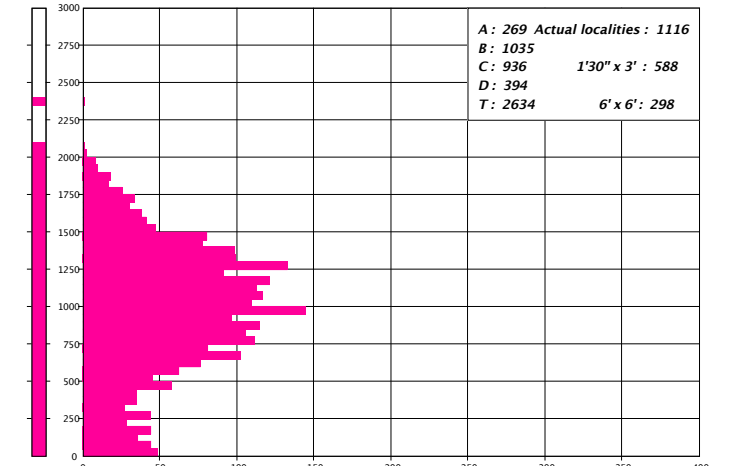
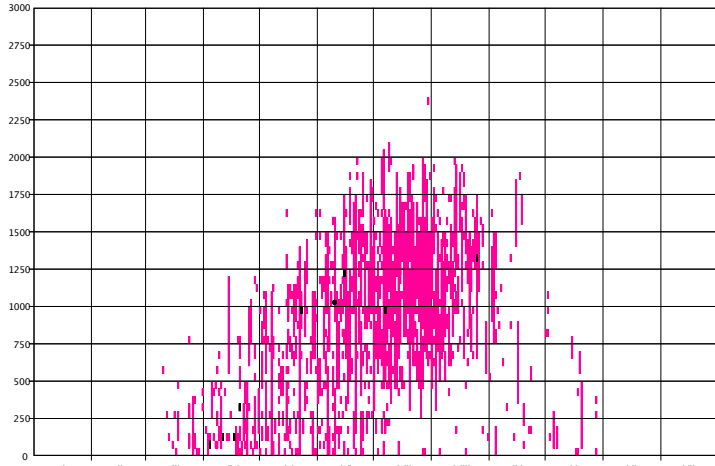
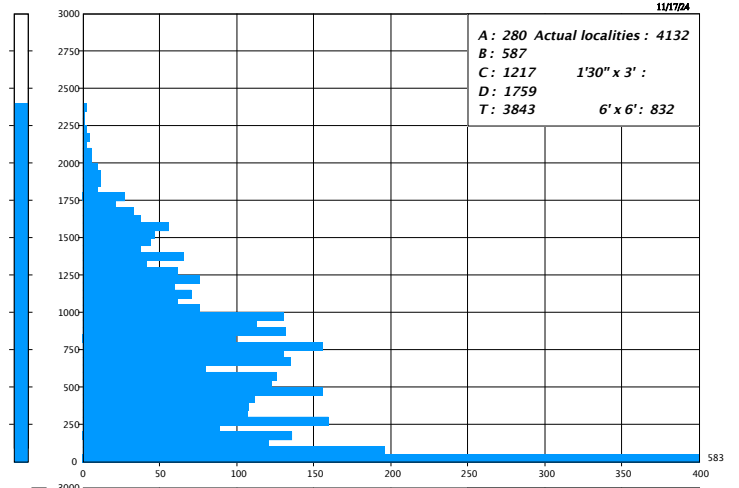
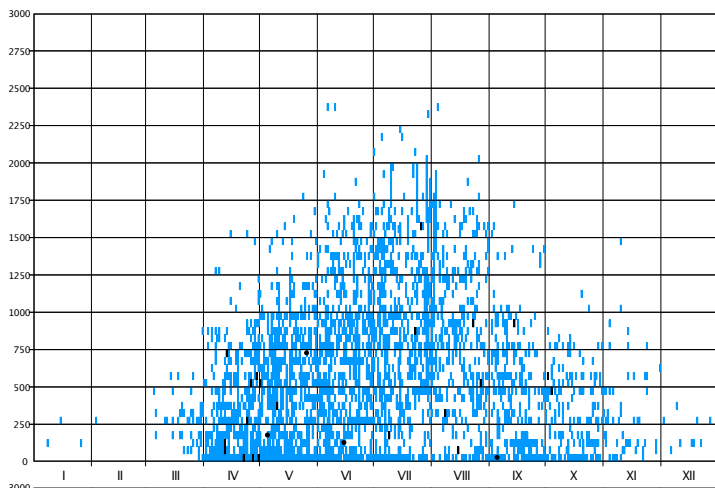


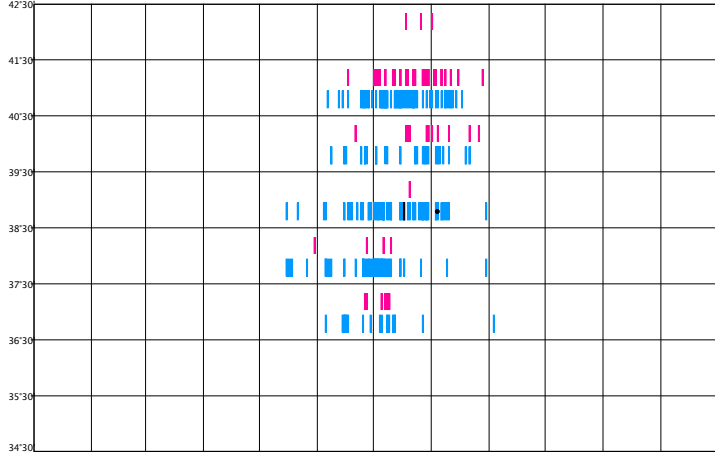
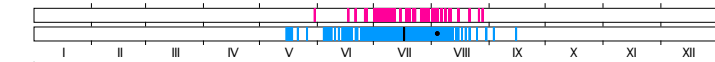
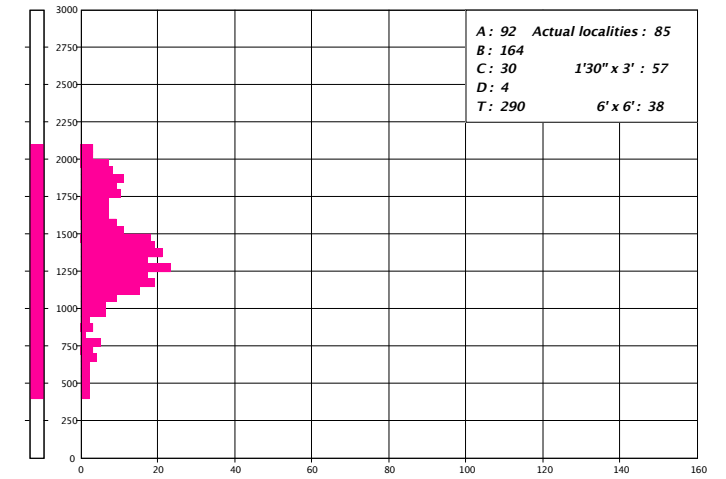
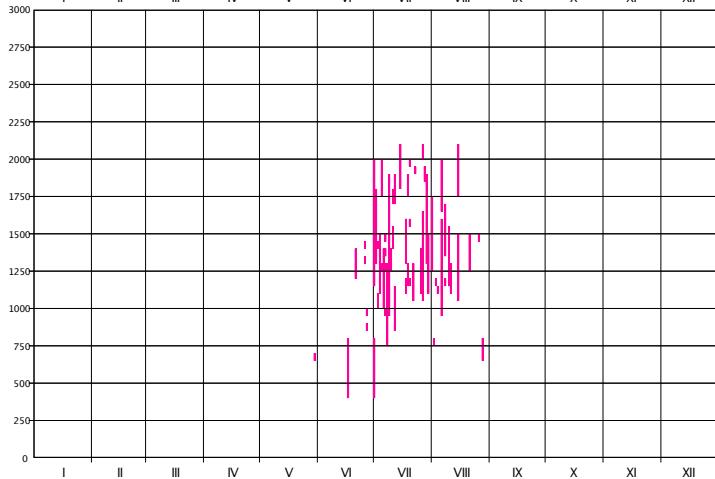
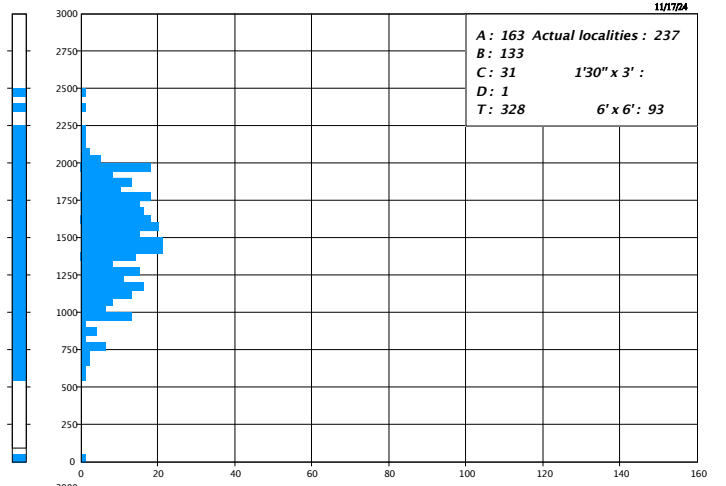
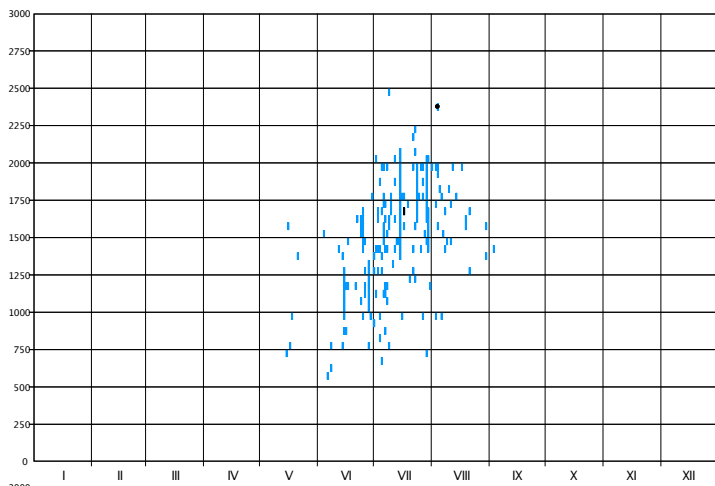
LYCAENIDAE *Kretania psylorita*



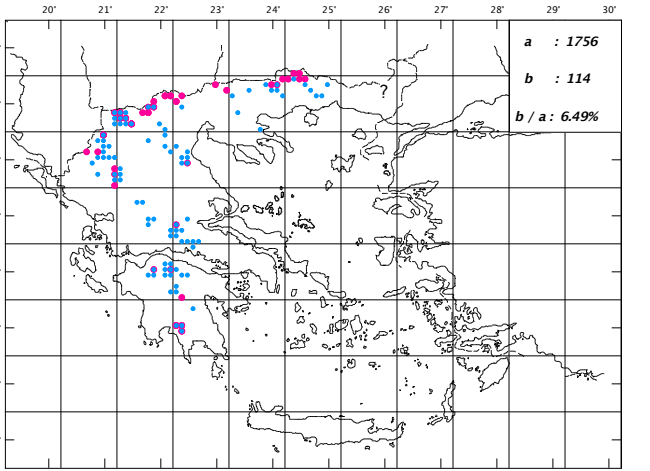


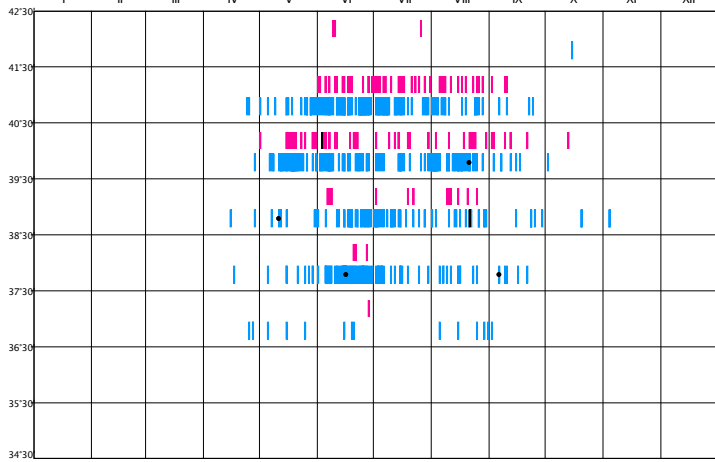
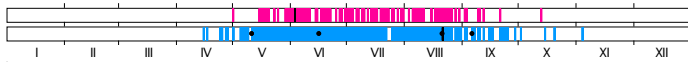
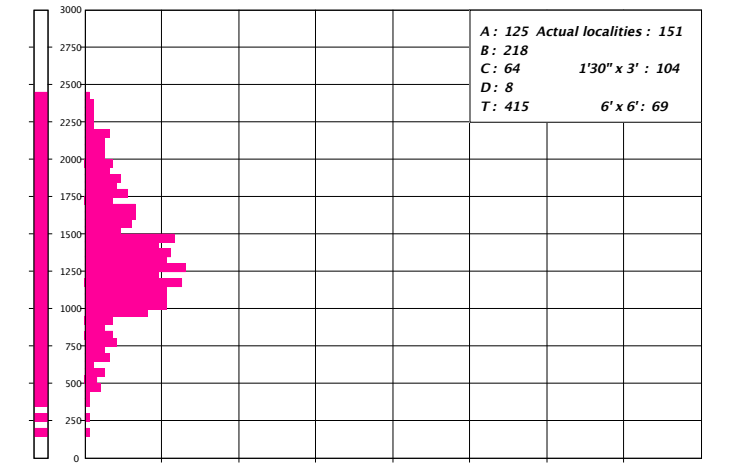
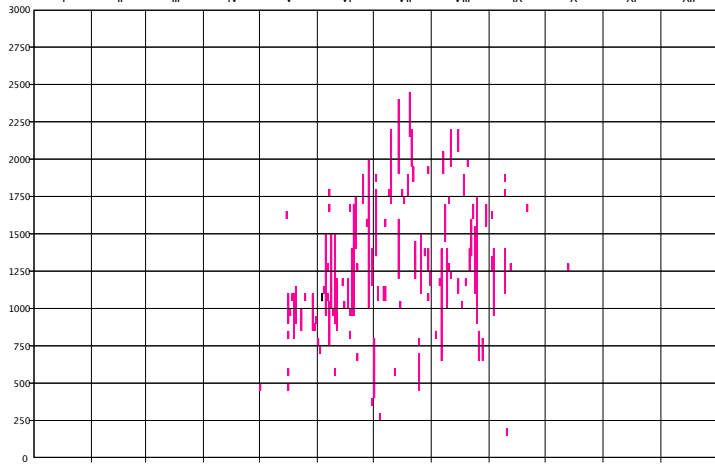
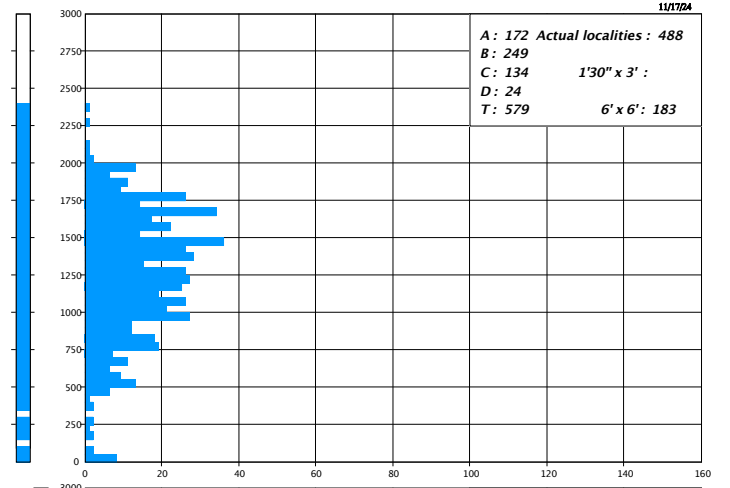
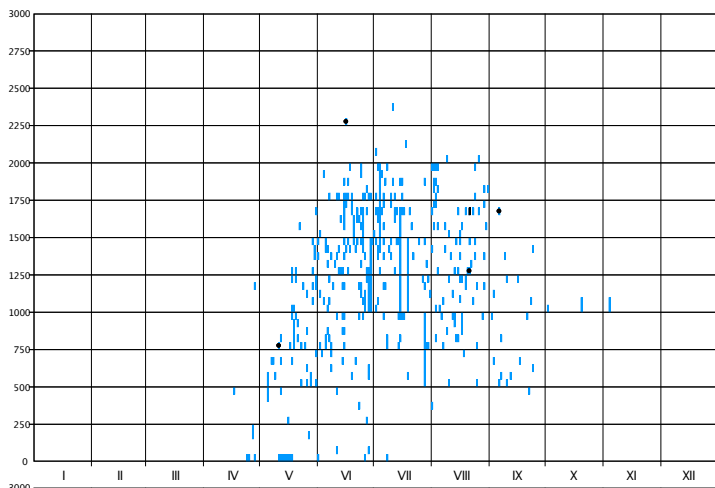




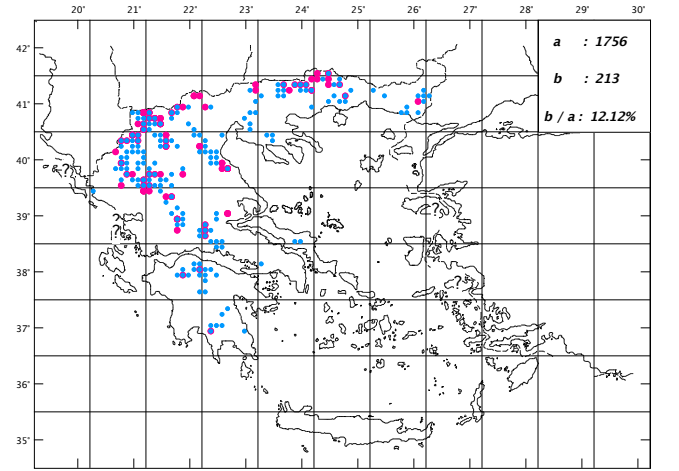


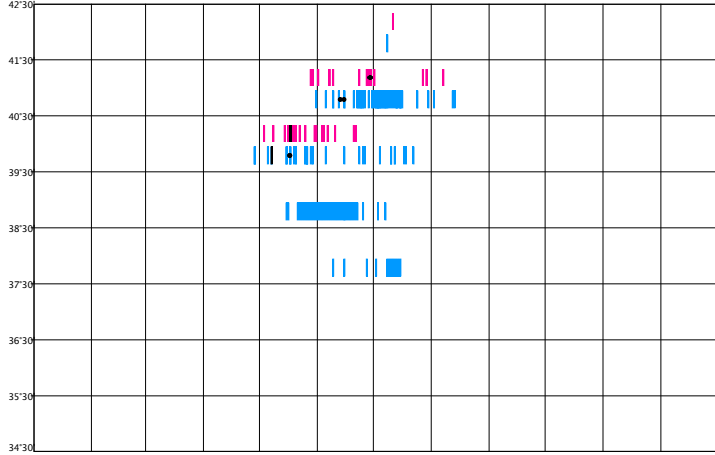
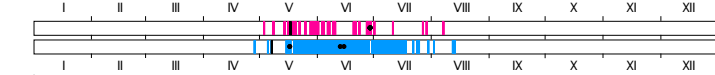
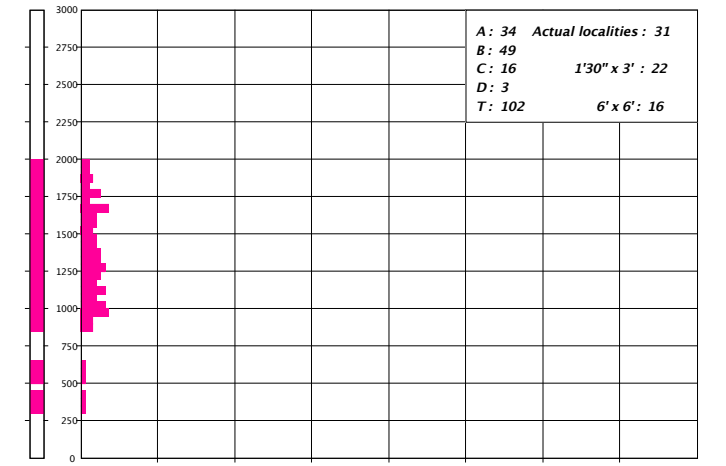
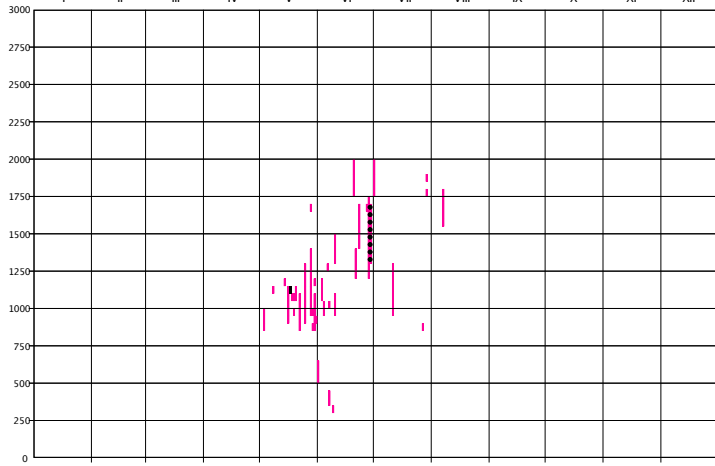
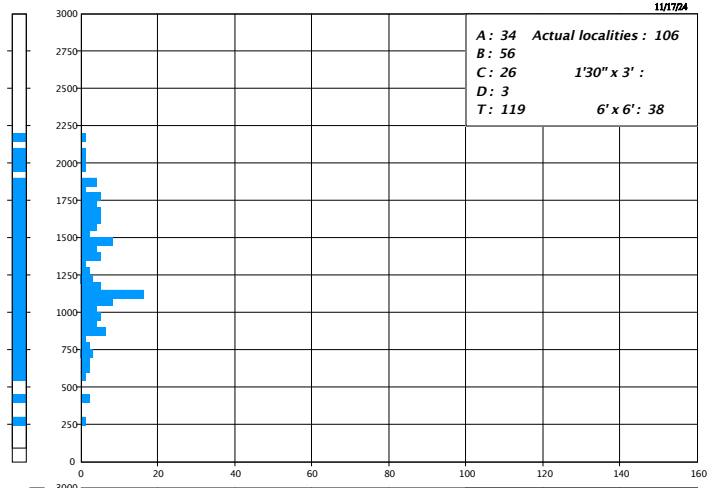
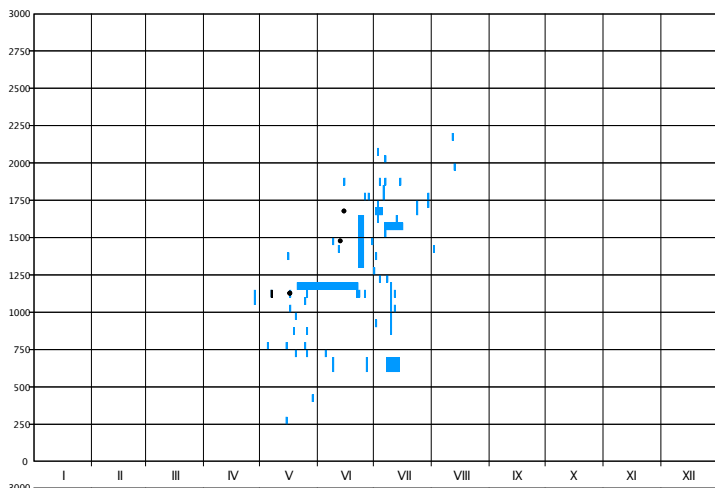
LYCAENIDAE *Aricia artaxerxes*



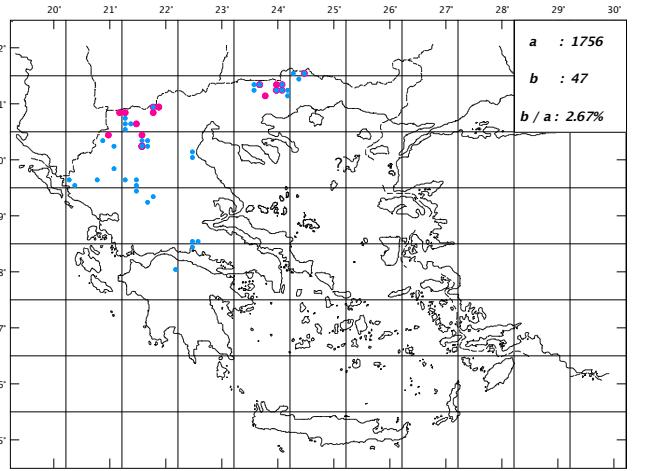


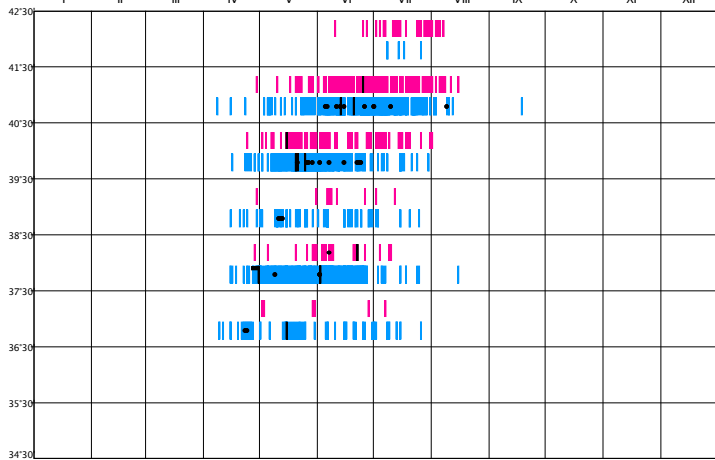
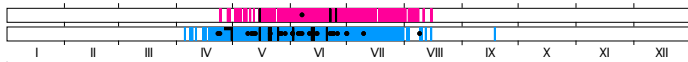
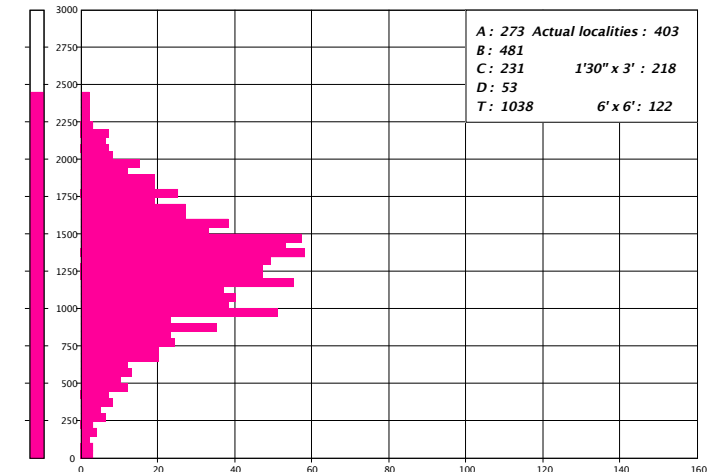
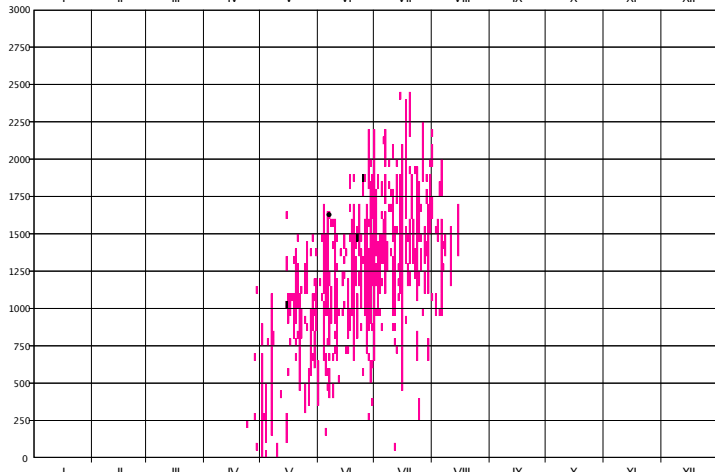
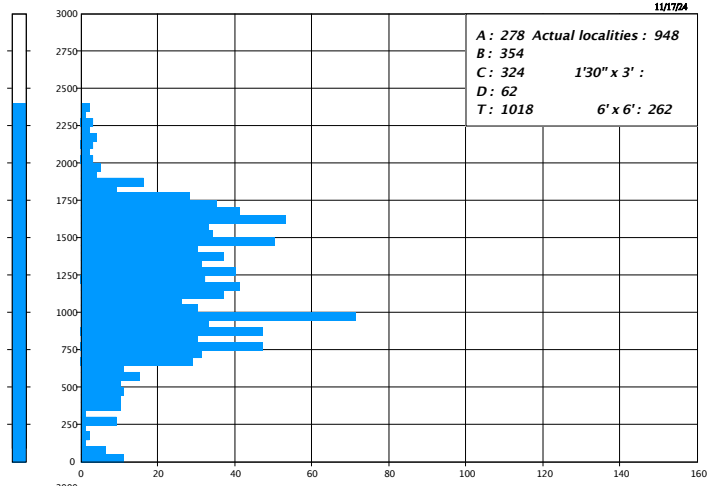
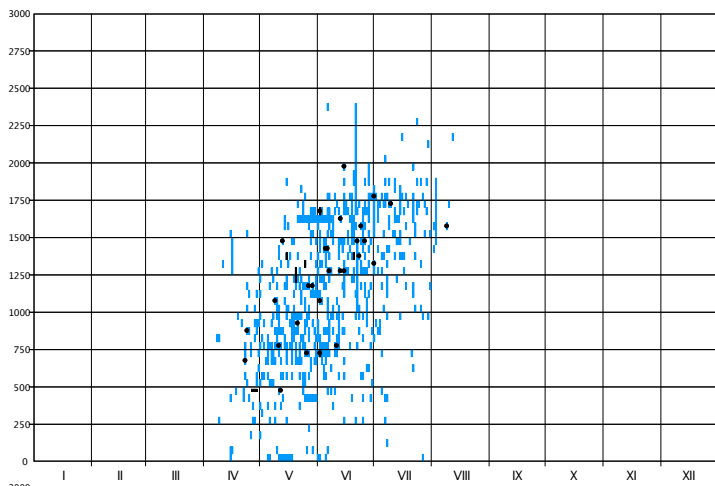
LYCAENIDAE *Aricia anteros*



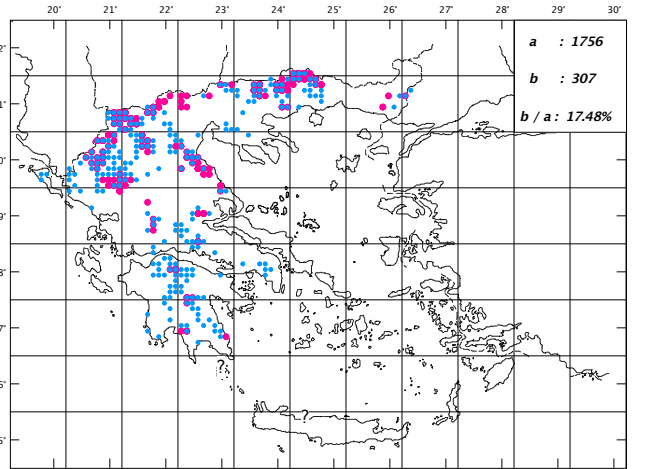


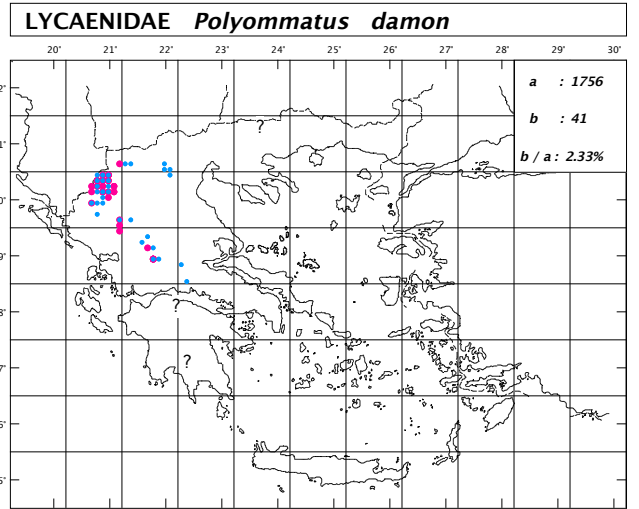
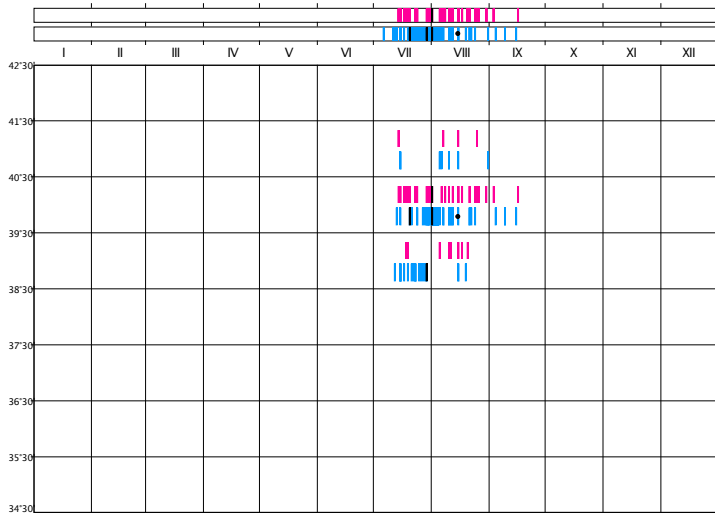
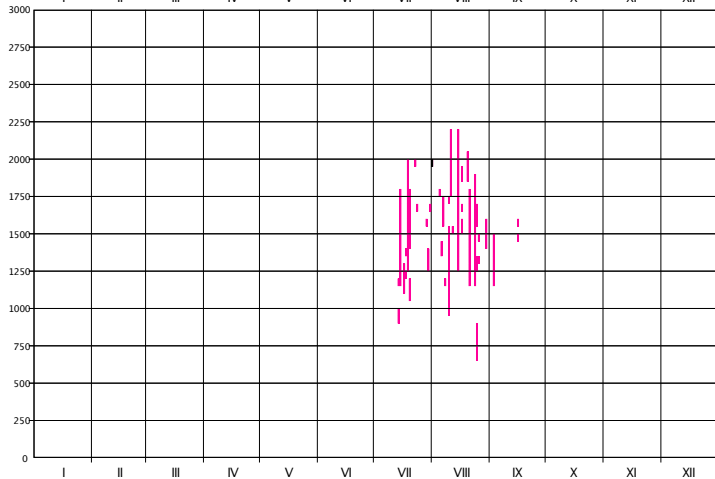
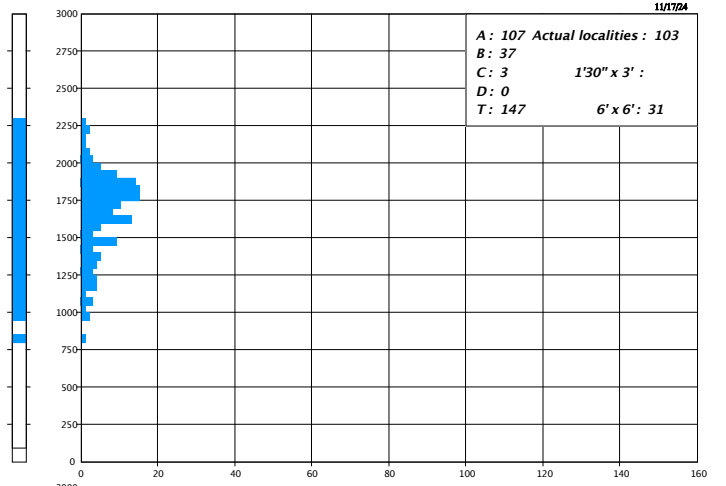
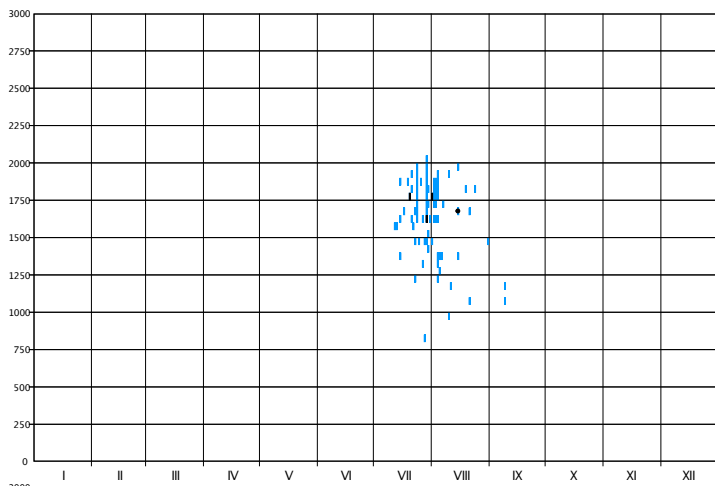
LYCAENIDAE *Eumedonia eumedon*

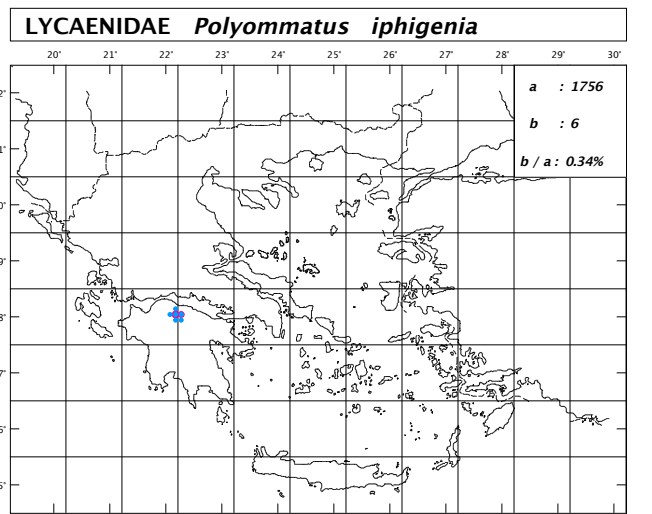
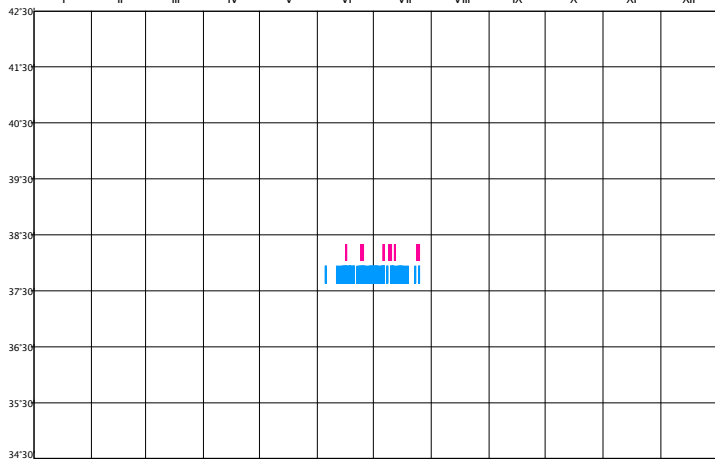
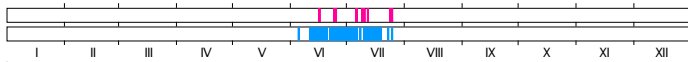
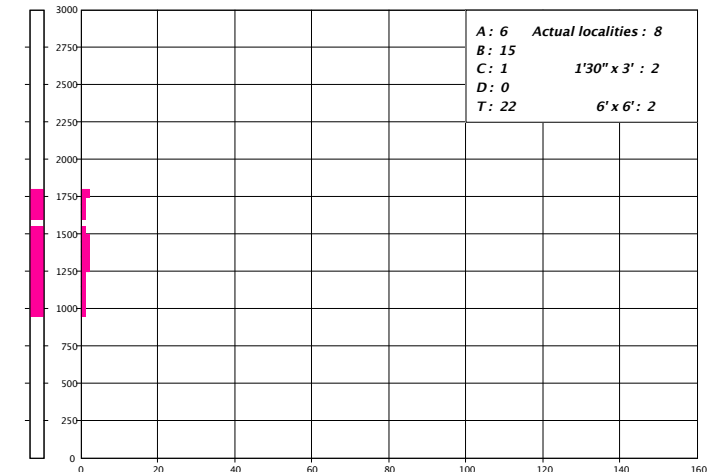
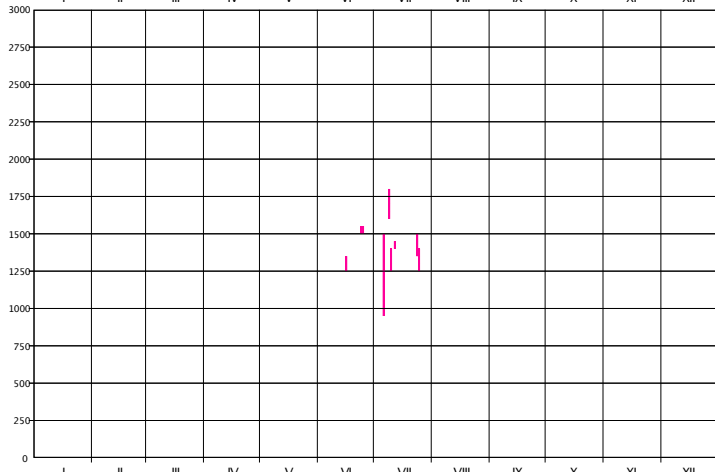
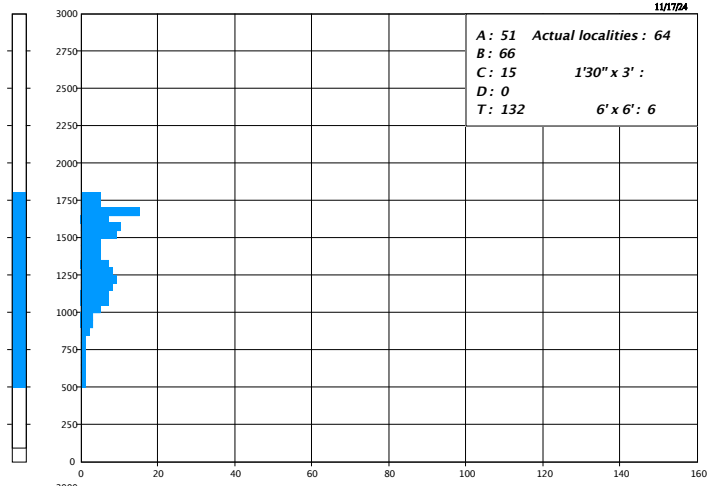
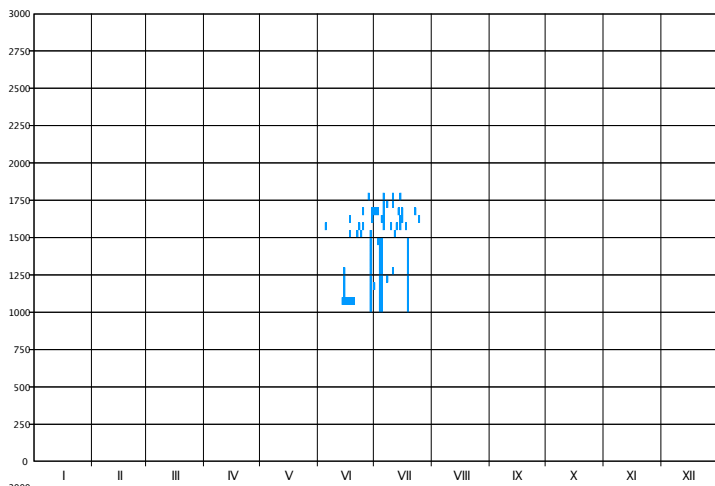


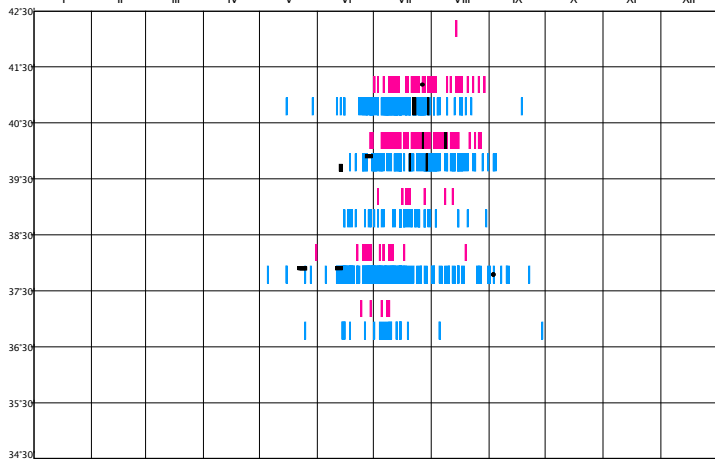
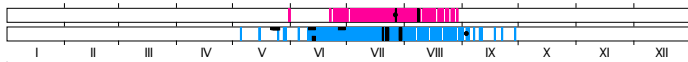
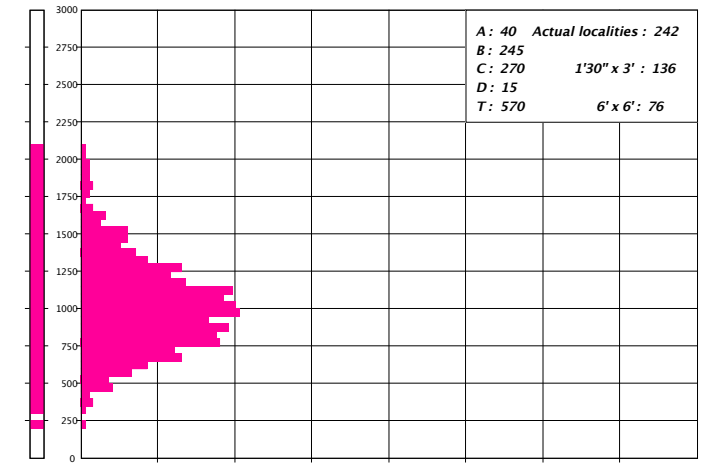
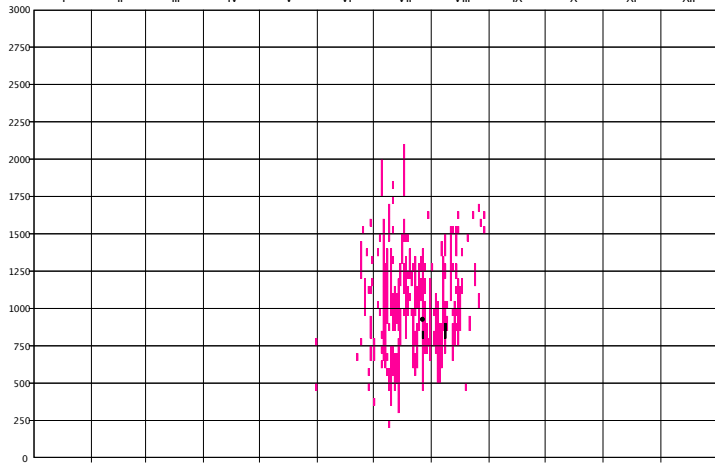
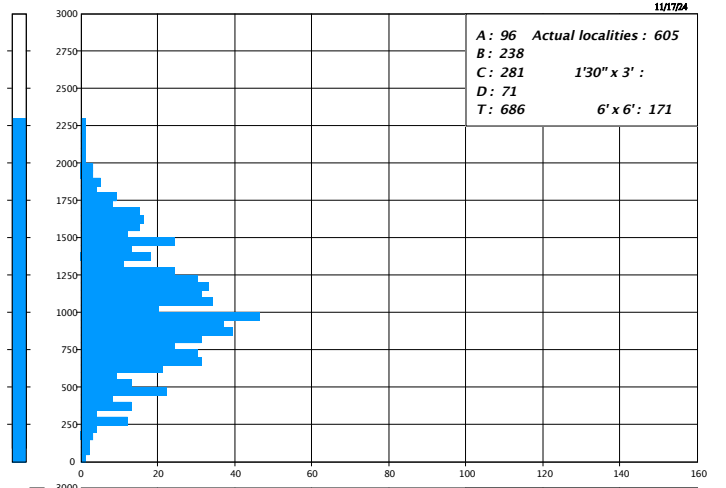
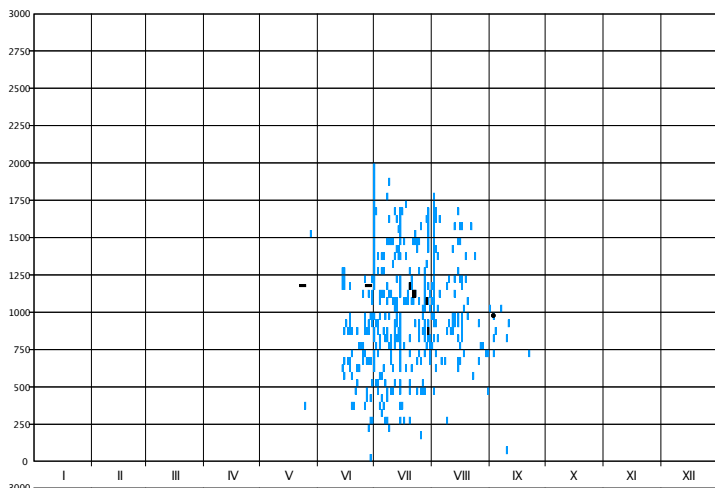


LYCAENIDAE *Cyaniris semiargus*

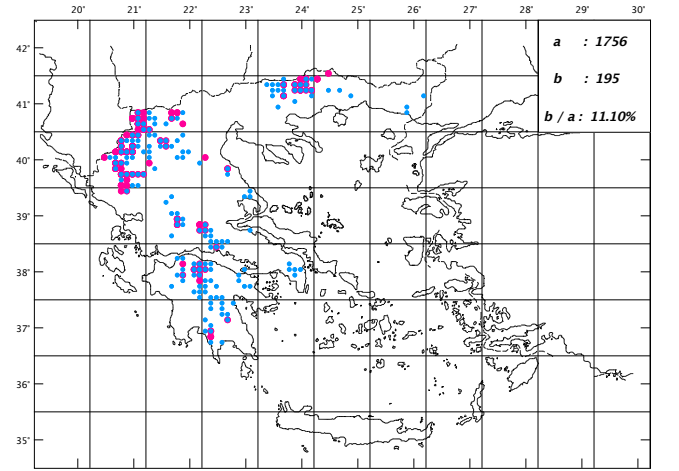


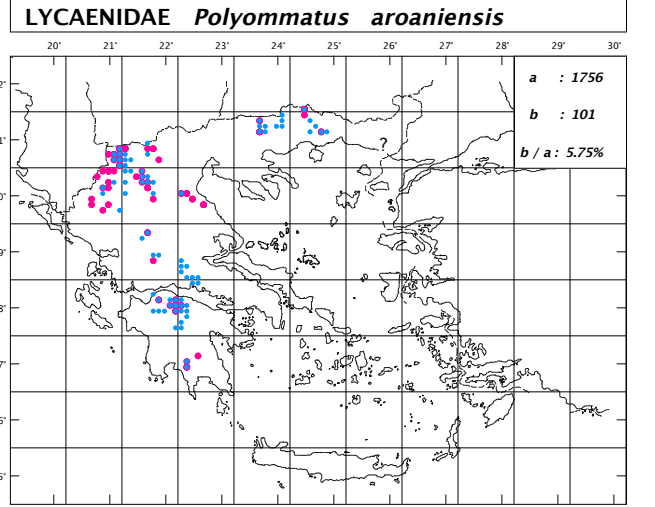
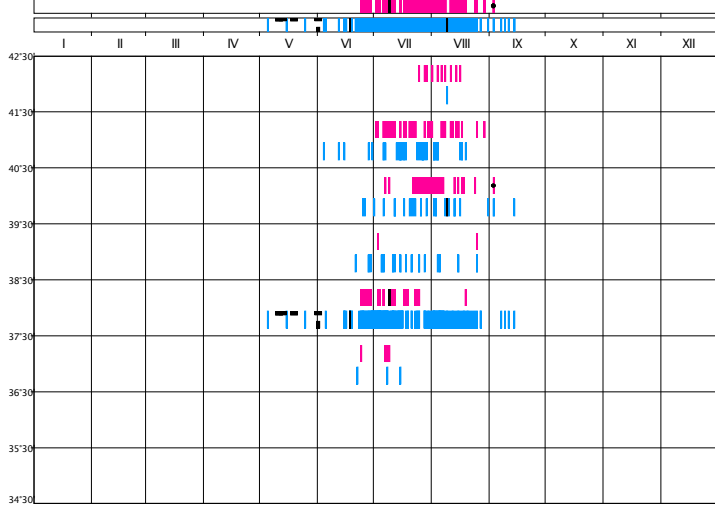
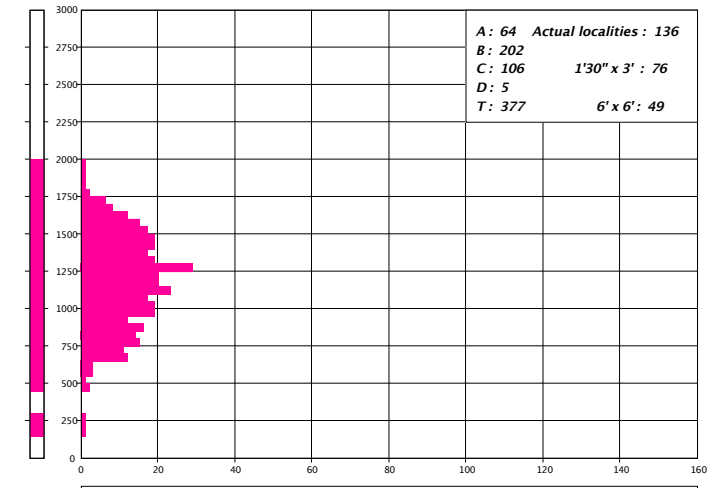
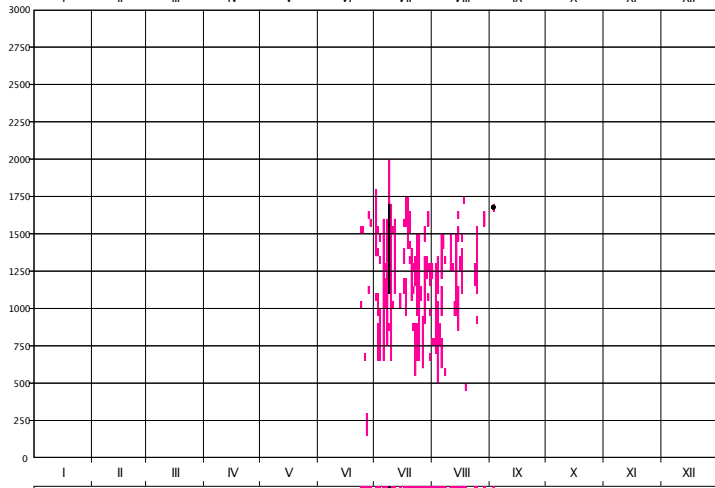
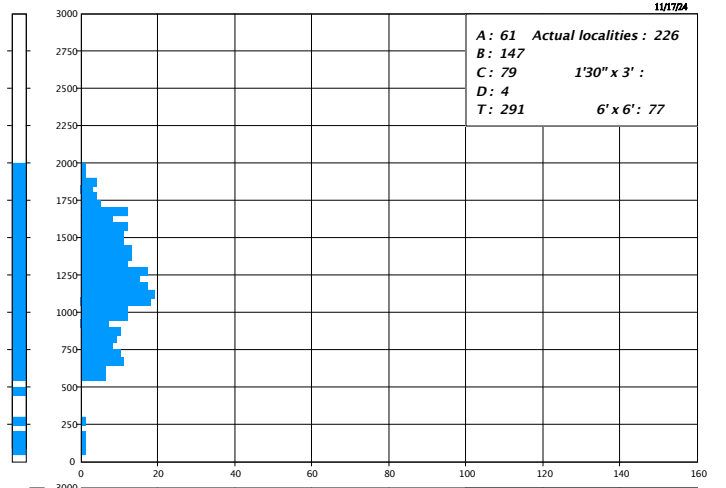
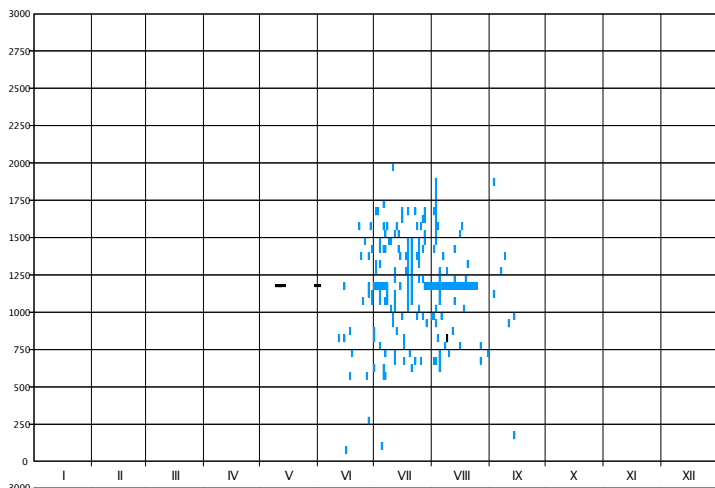


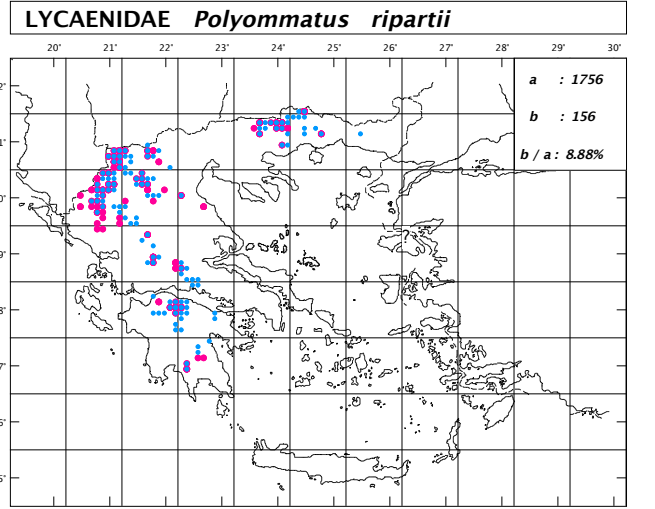
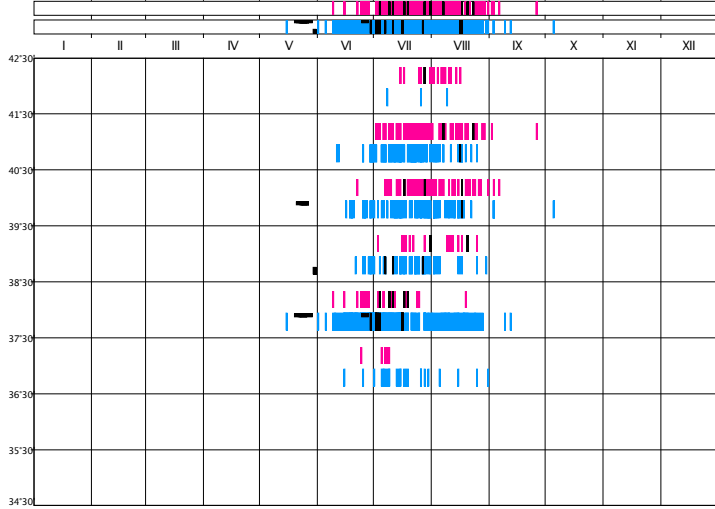
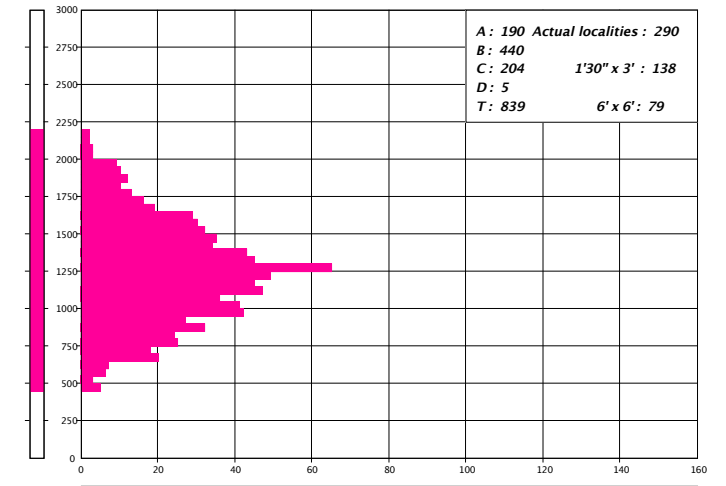
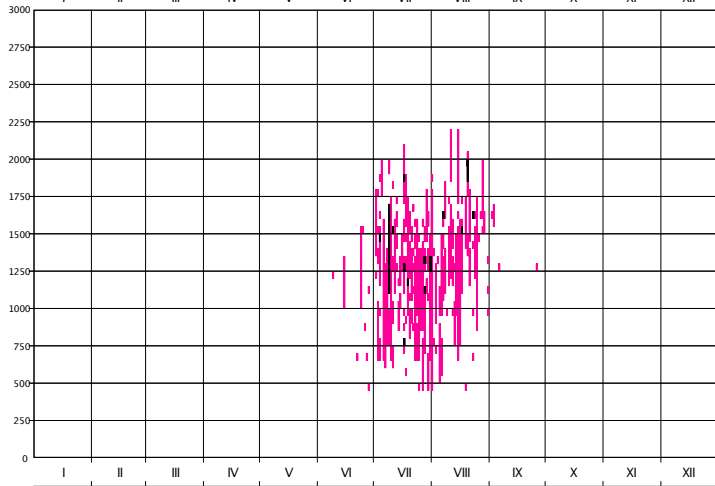
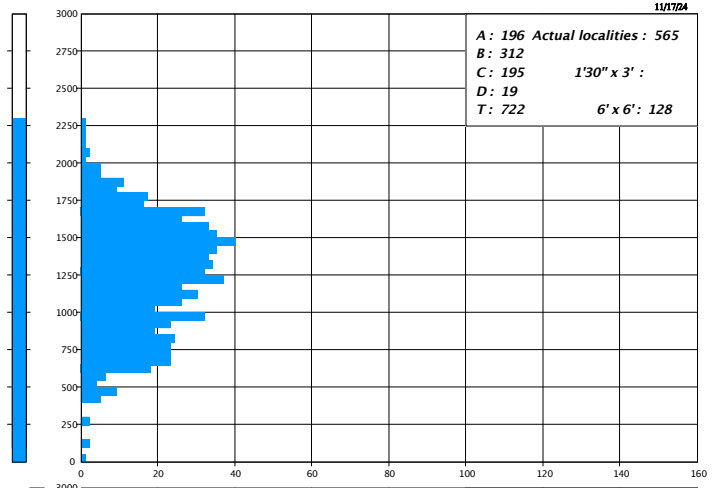
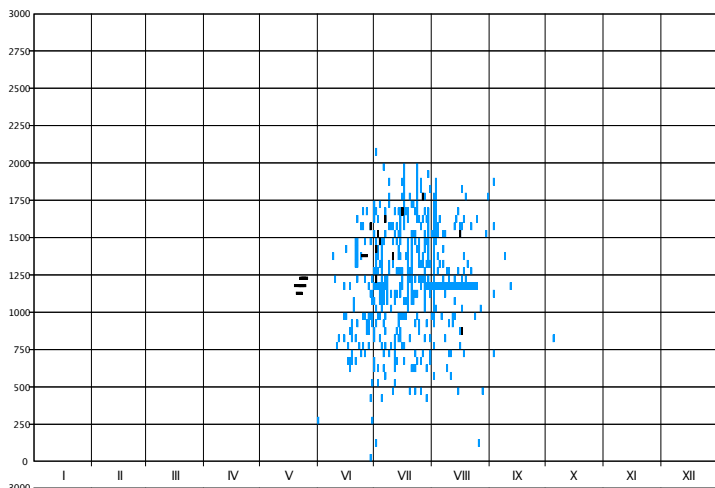


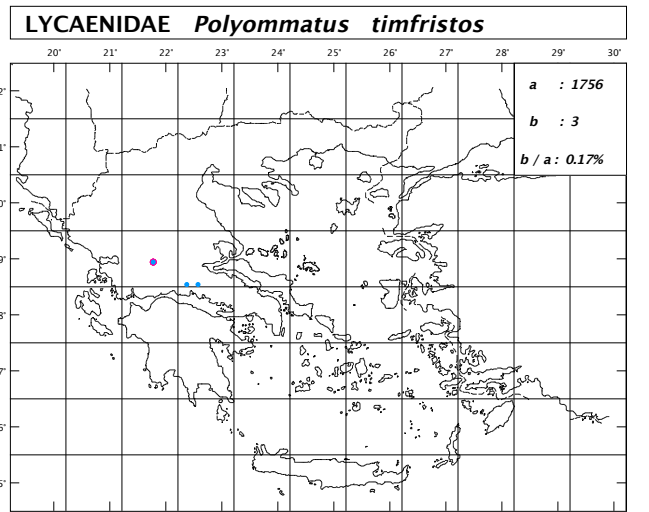
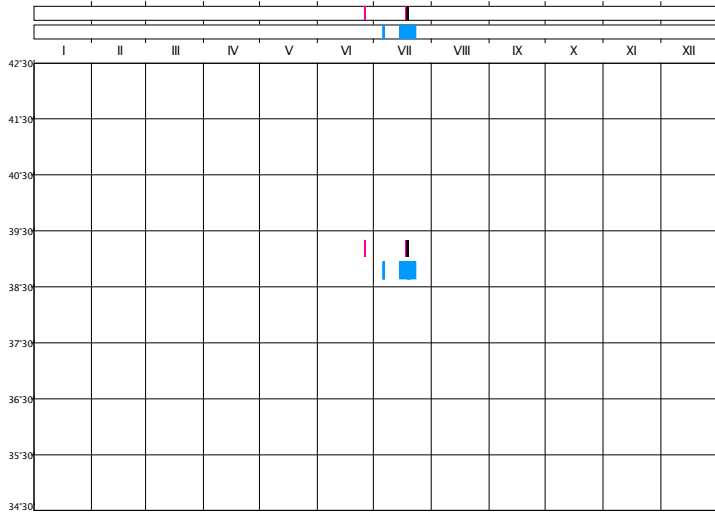
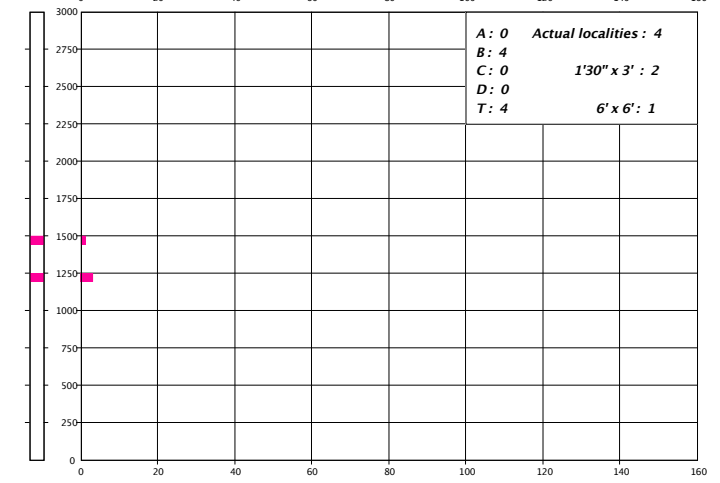
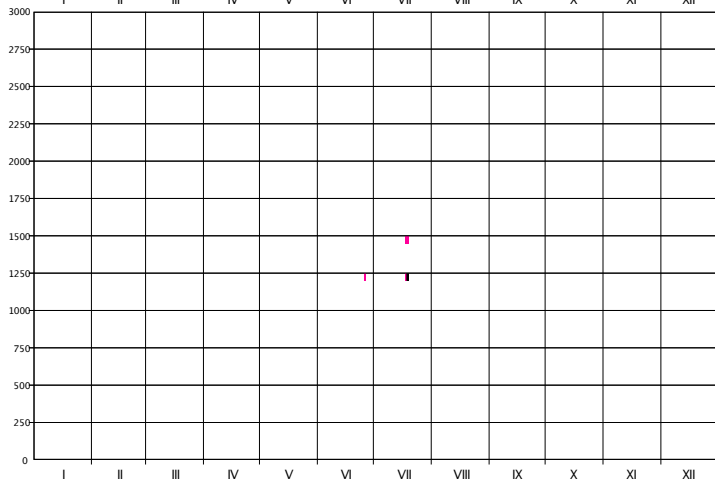
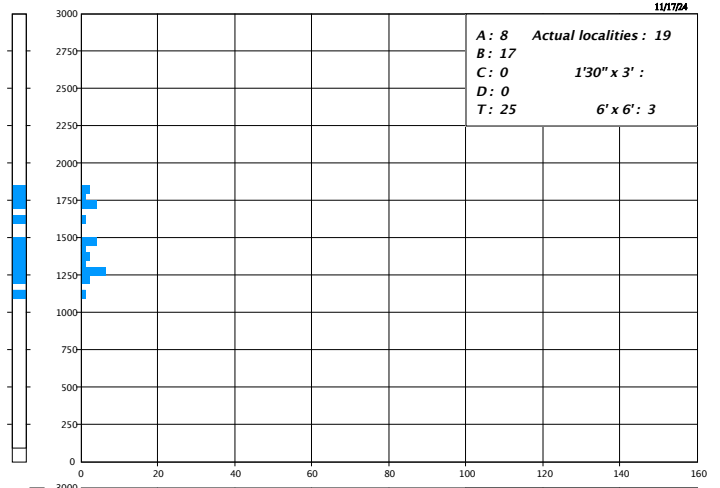
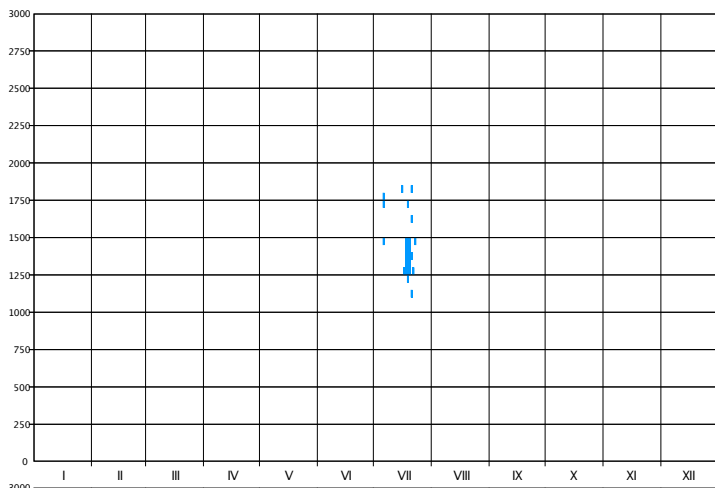


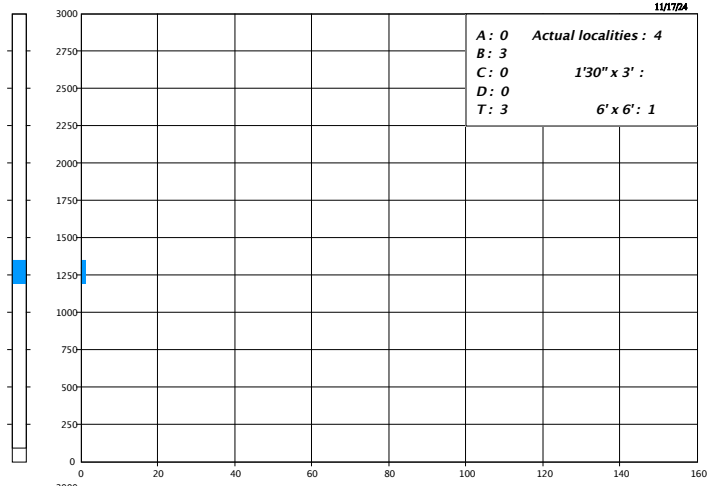
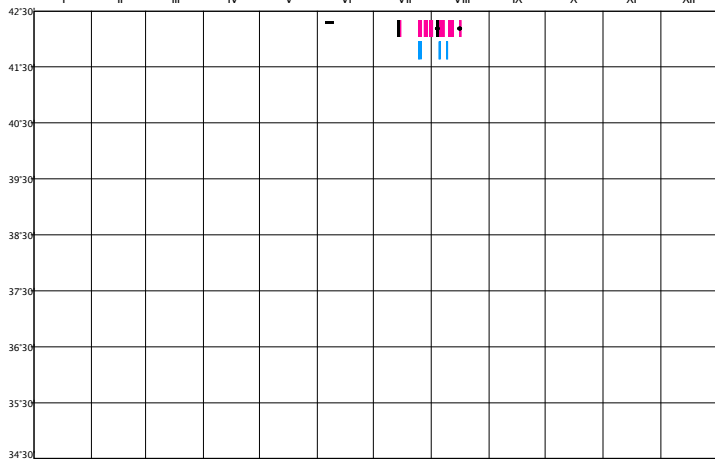
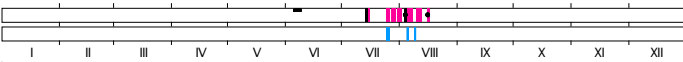
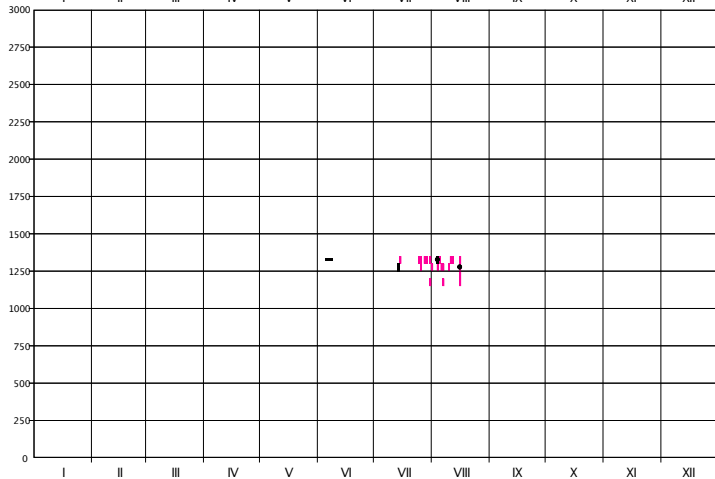
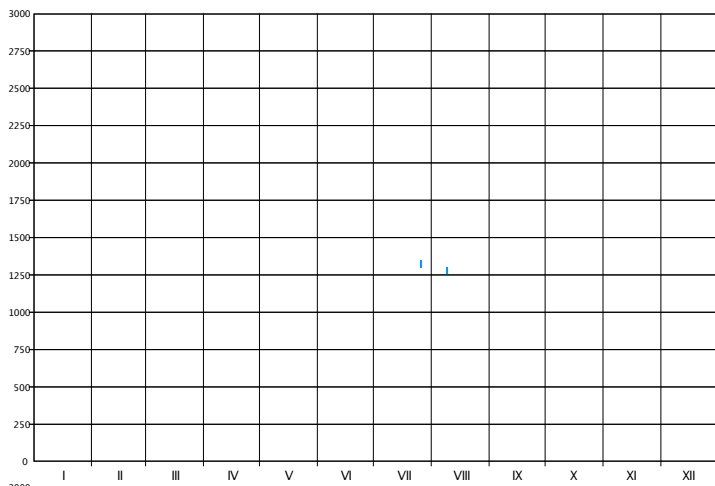
LYCAENIDAE *Polyommatus admetus*



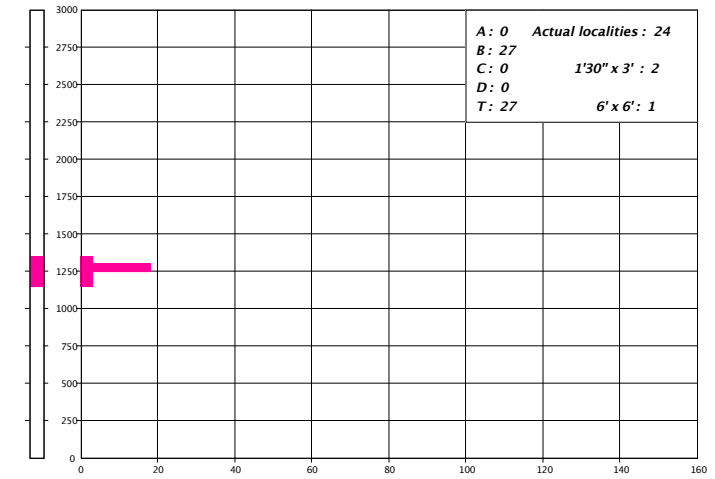






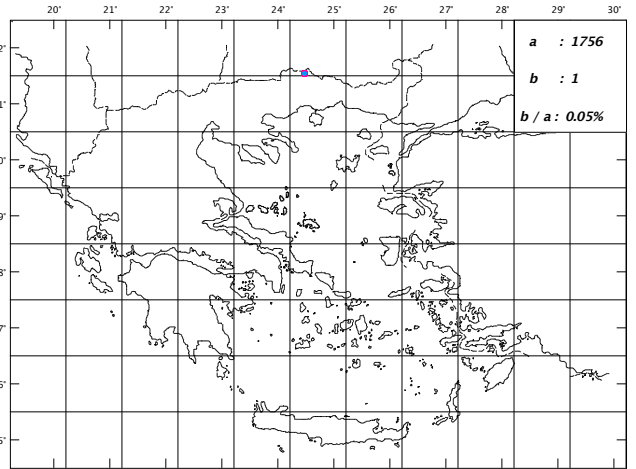


11/17/24
 A : 0 Actual localities : 4
 B : 3
 C : 0 1'30" x 3' :
 D : 0
 T : 3 6' x 6' : 1

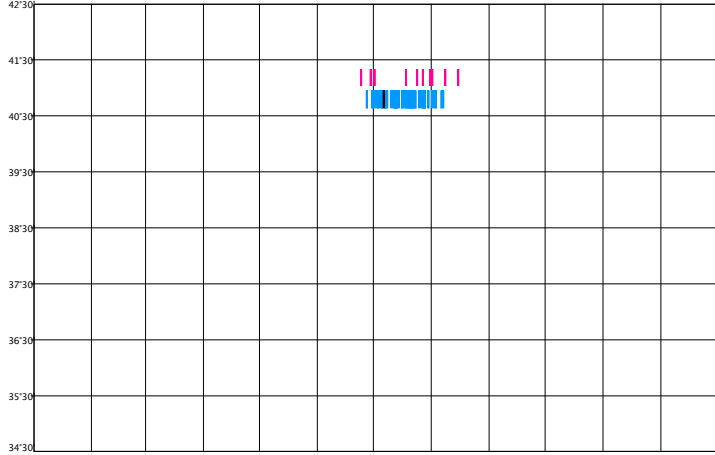
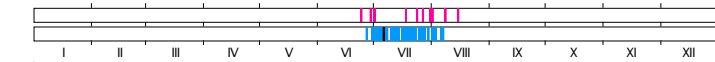
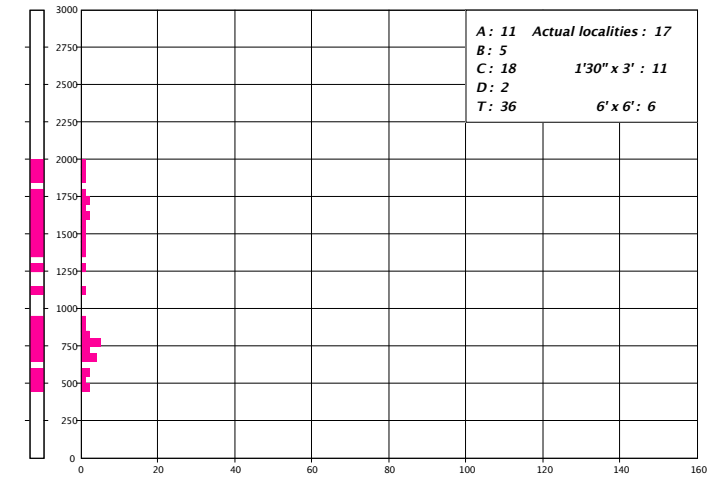
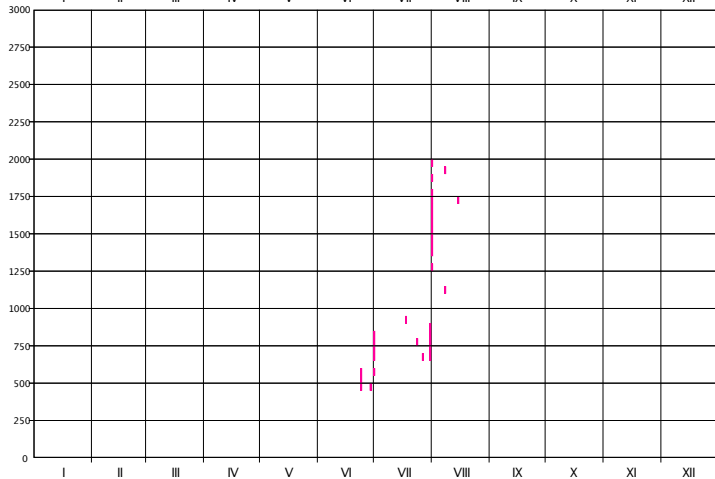
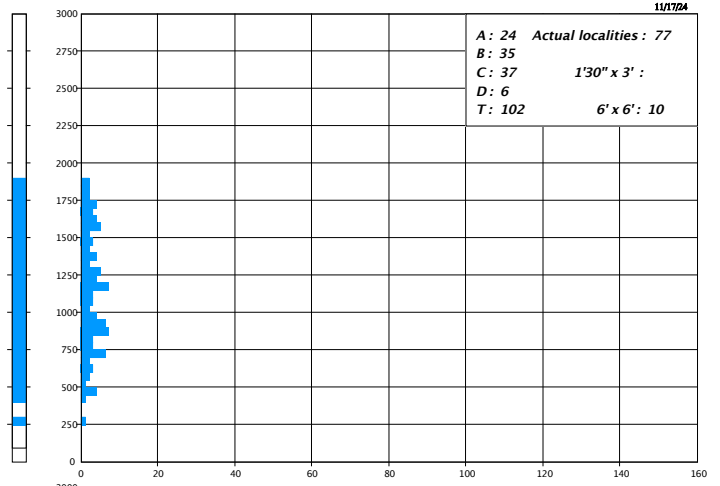
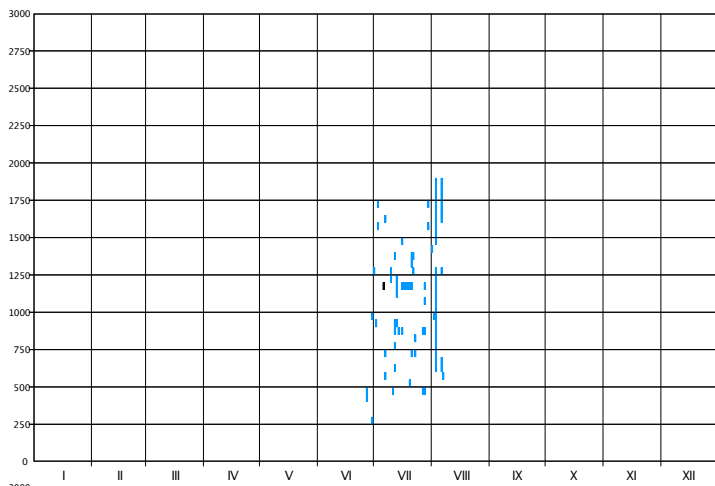


A : 0 Actual localities : 24
 B : 27
 C : 0 1'30" x 3' : 2
 D : 0
 T : 27 6' x 6' : 1

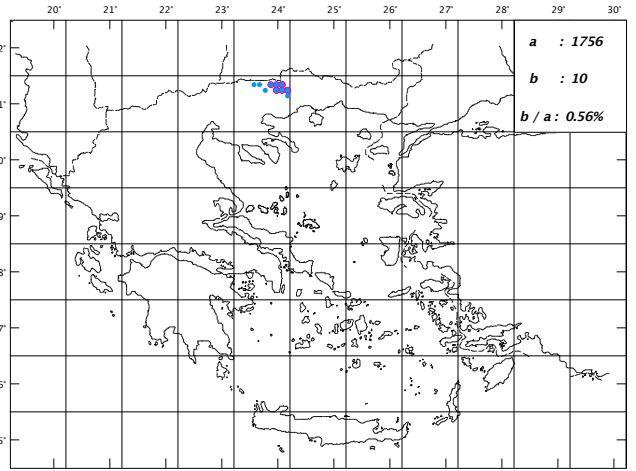
LYCAENIDAE *Polyommatus orphicus orphicus*

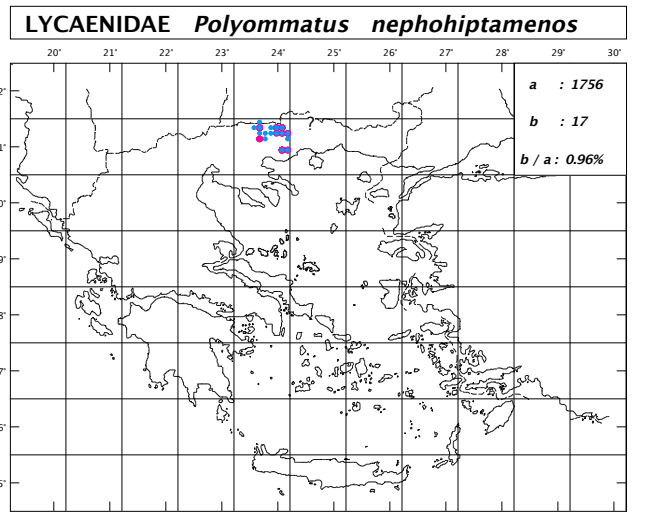
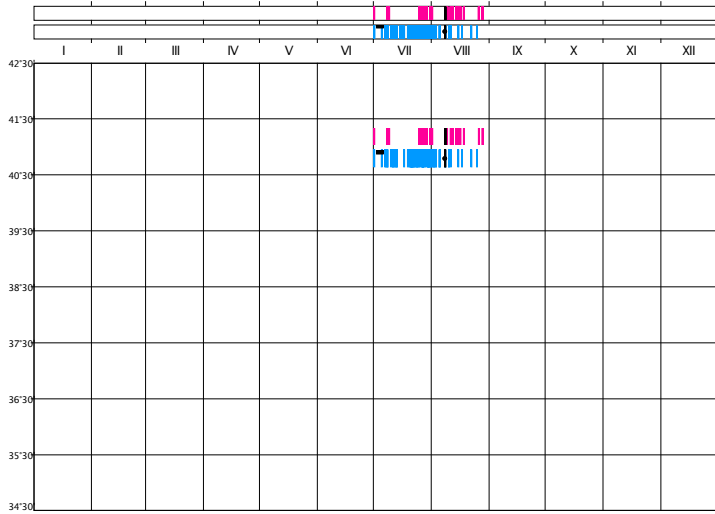
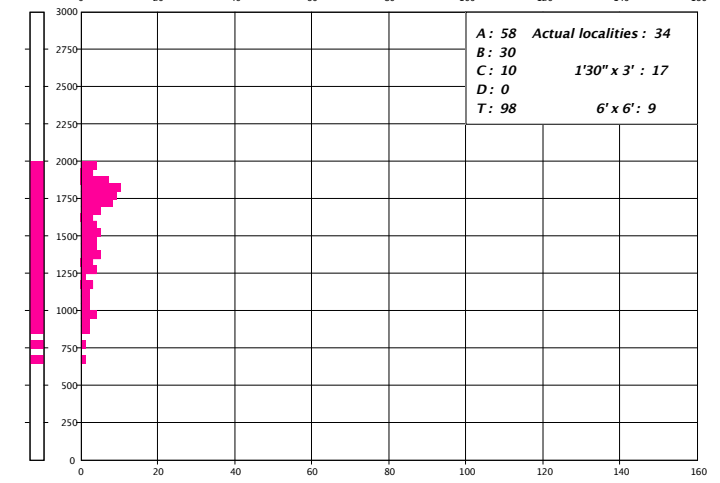
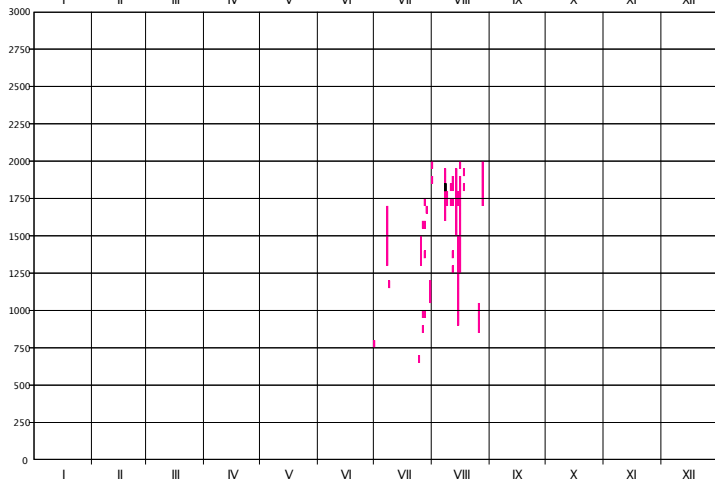
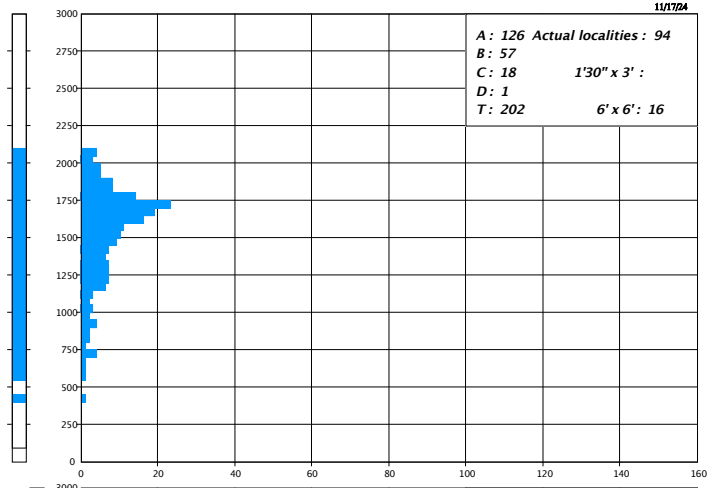
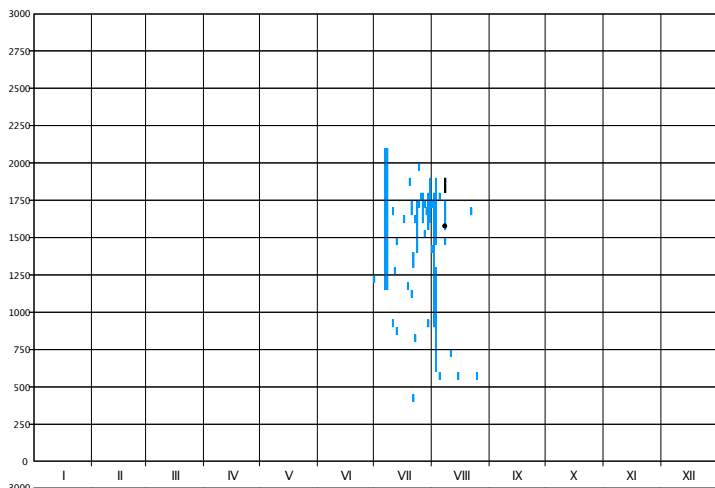


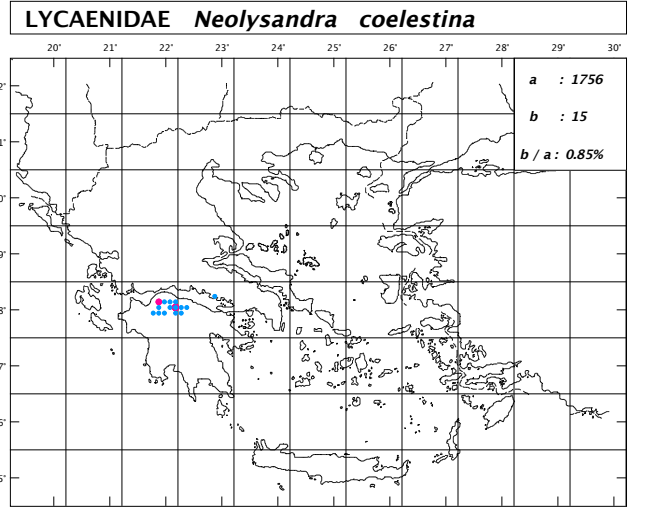
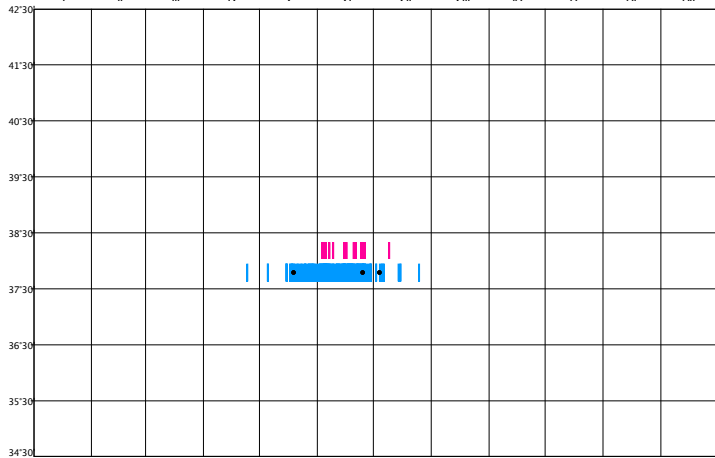
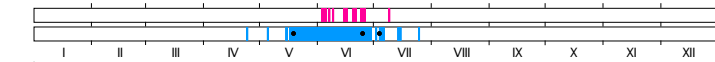
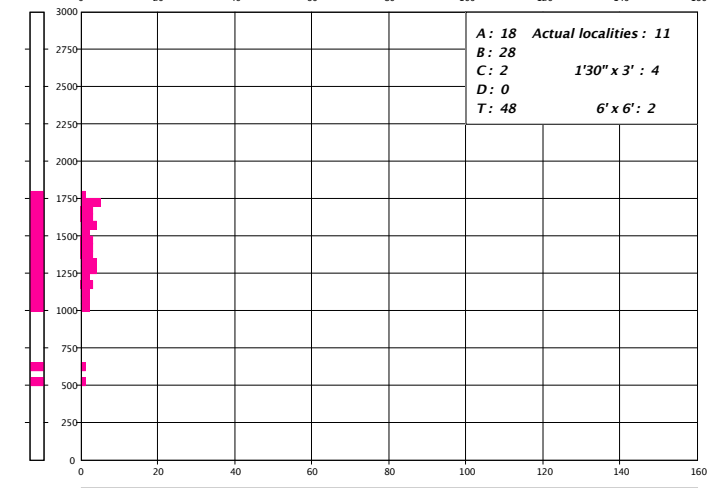
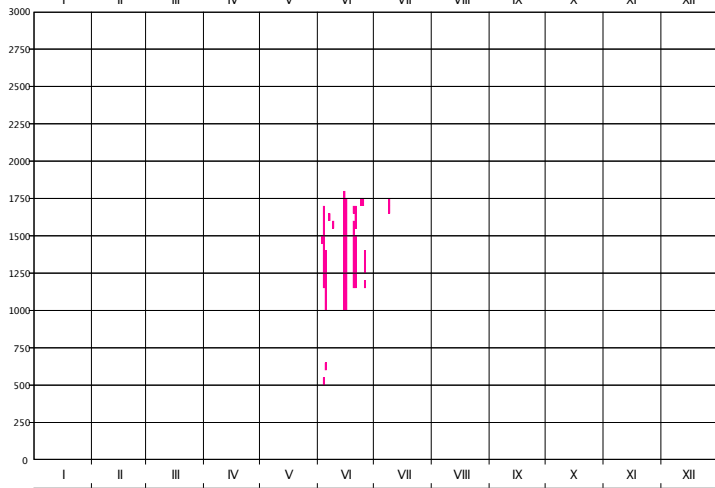
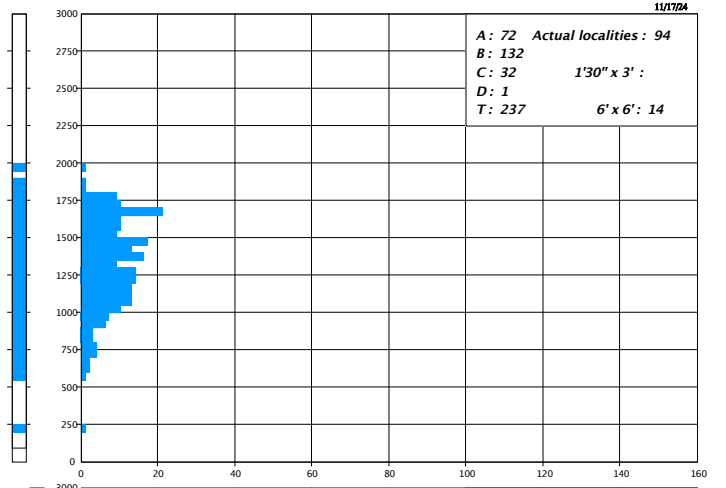
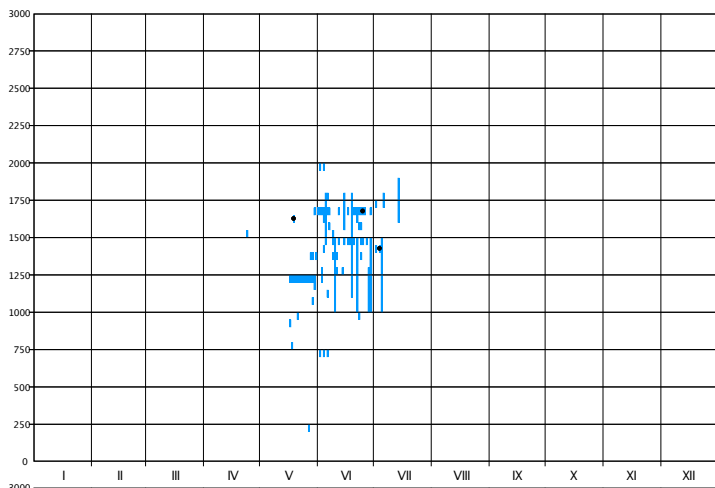
a : 1756
 b : 1
 b / a : 0.05%

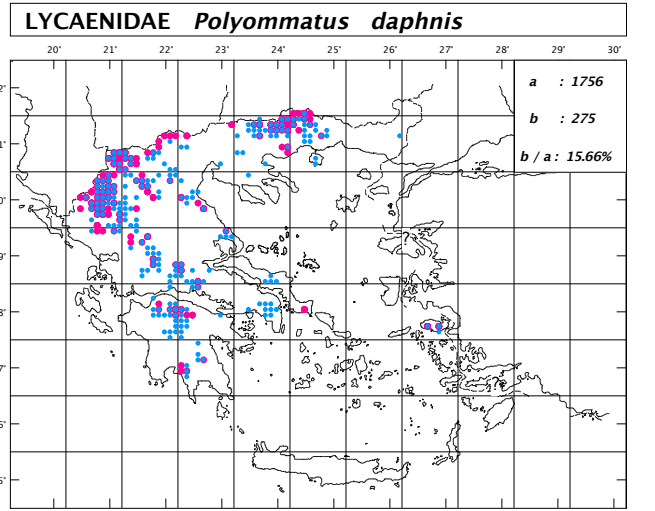
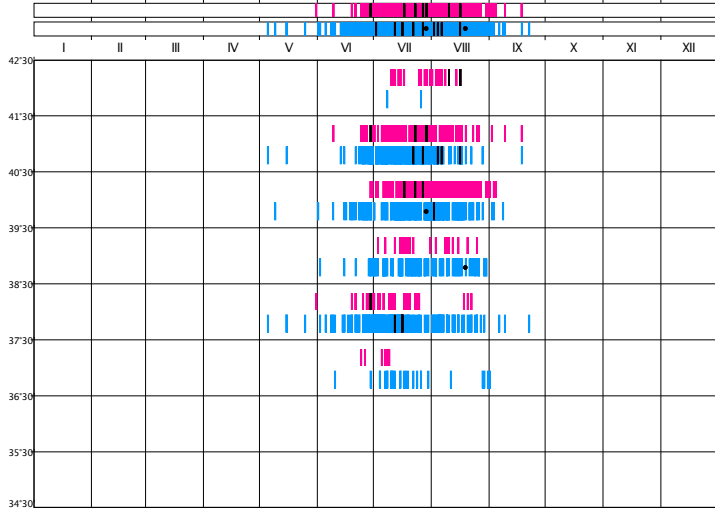
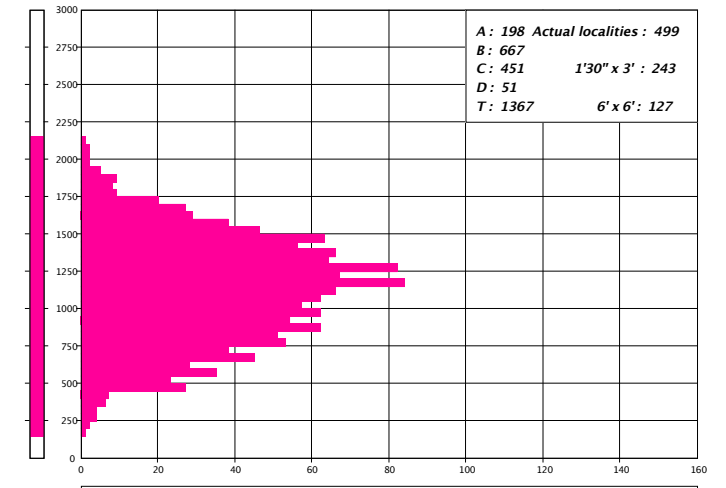
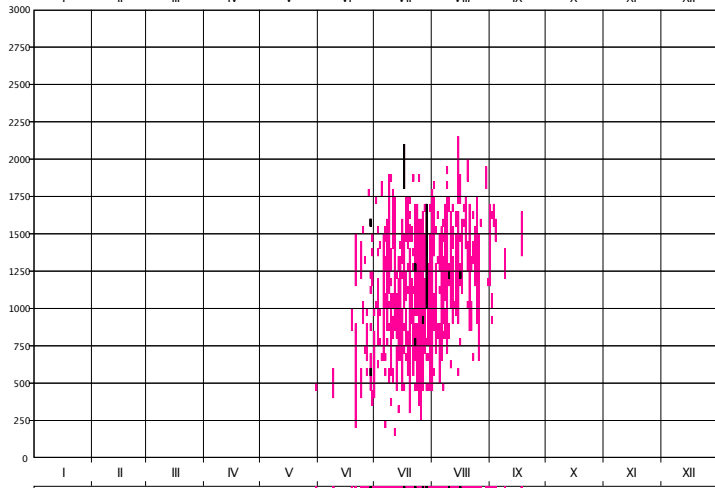
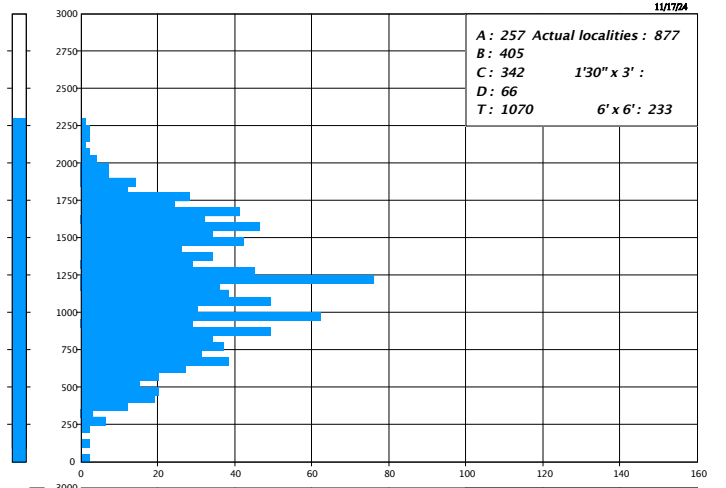
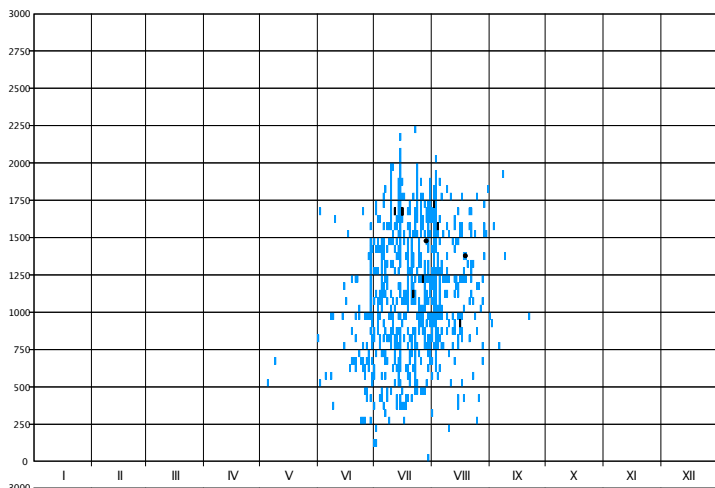


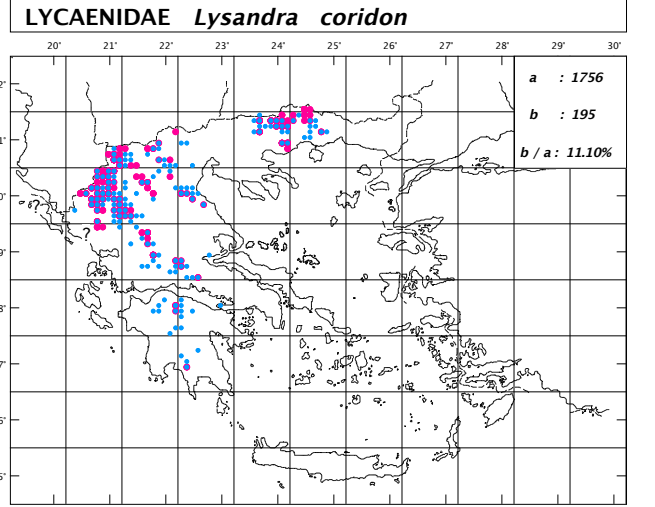
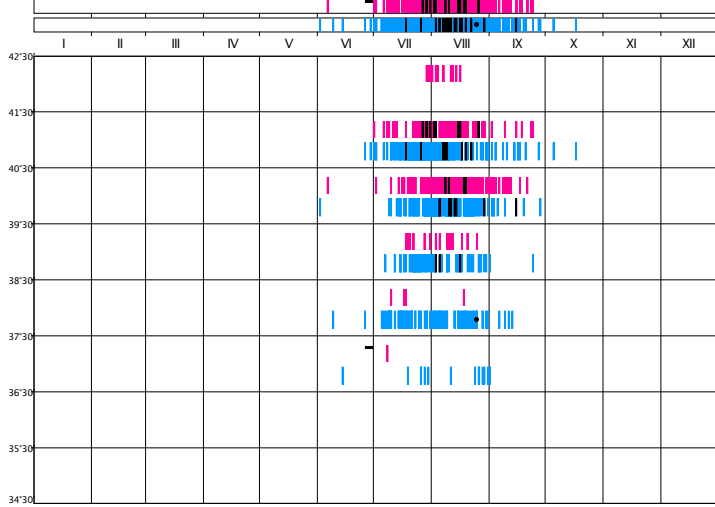
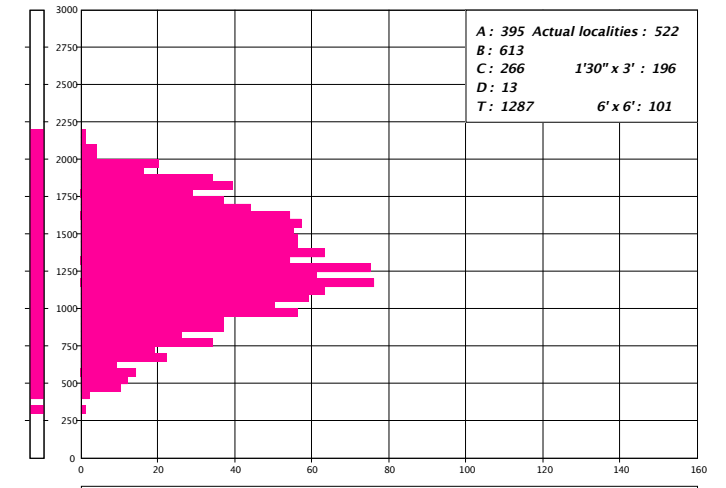
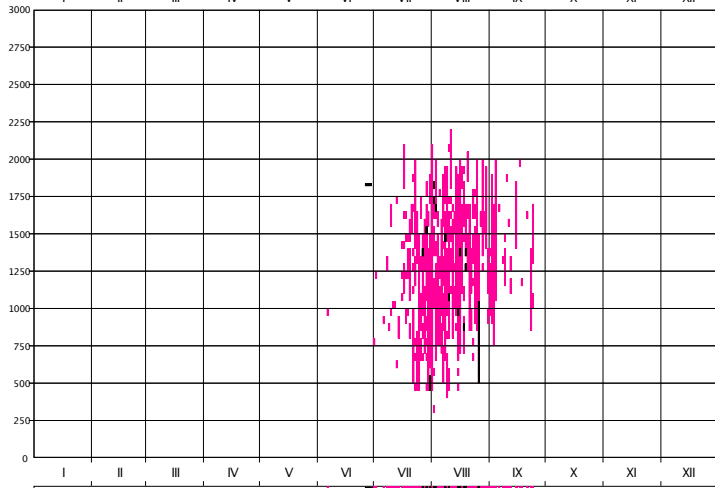
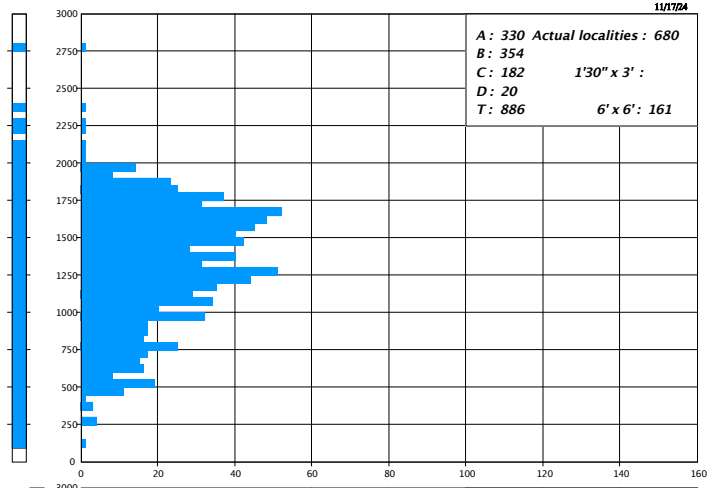
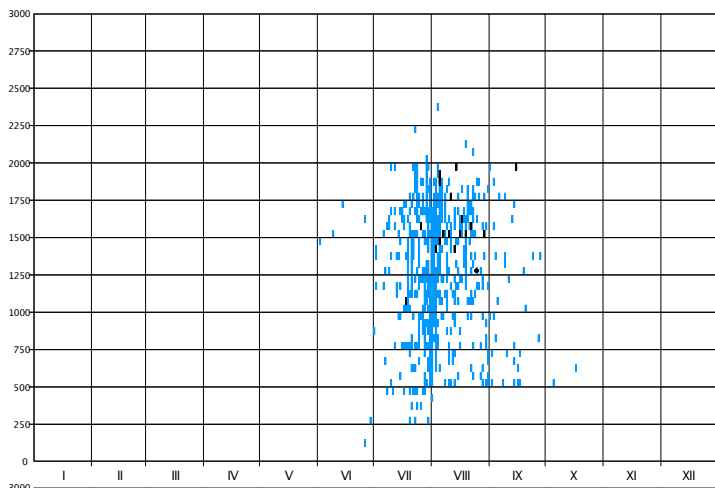
LYCAENIDAE *Polyommatus orphicus eleniae*

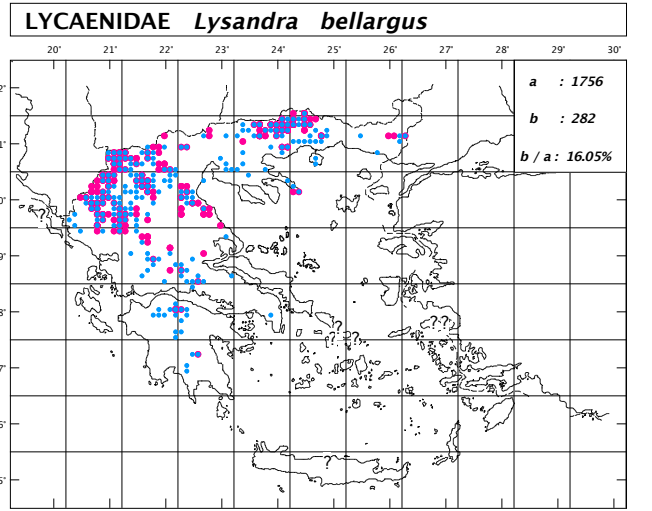
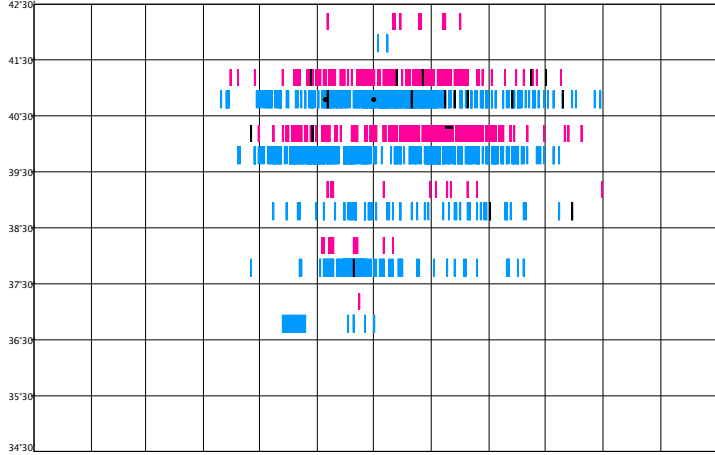
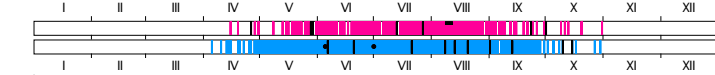
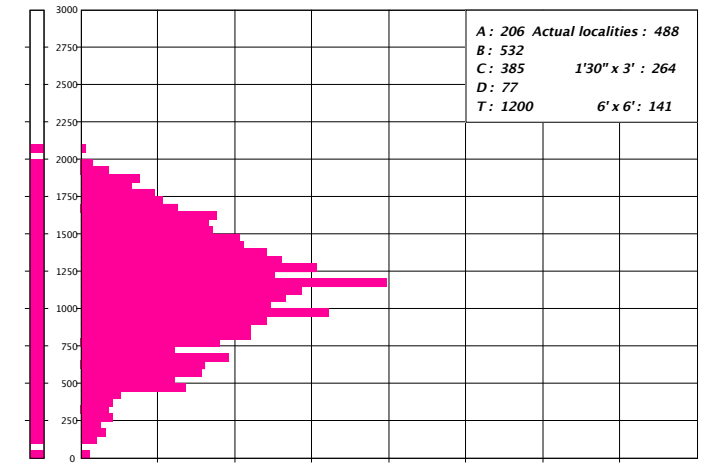
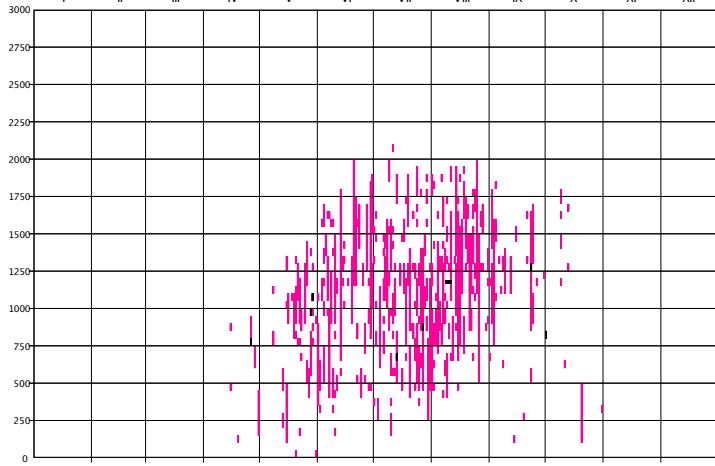
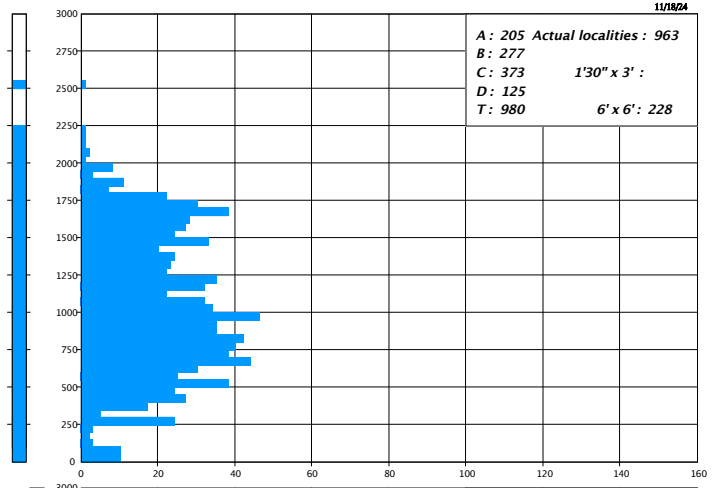
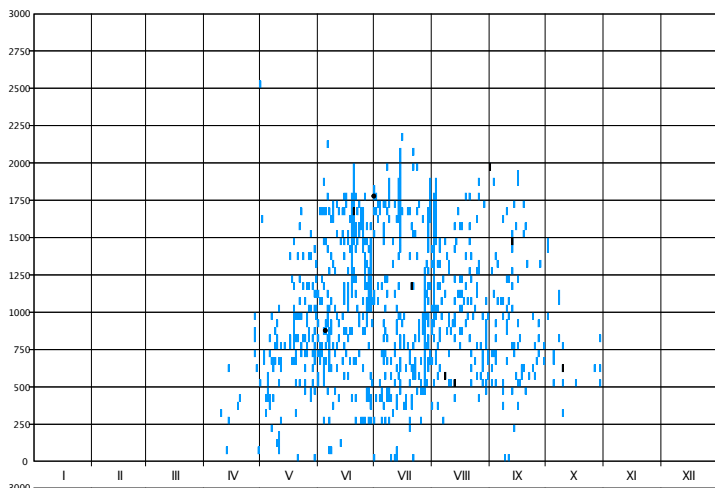


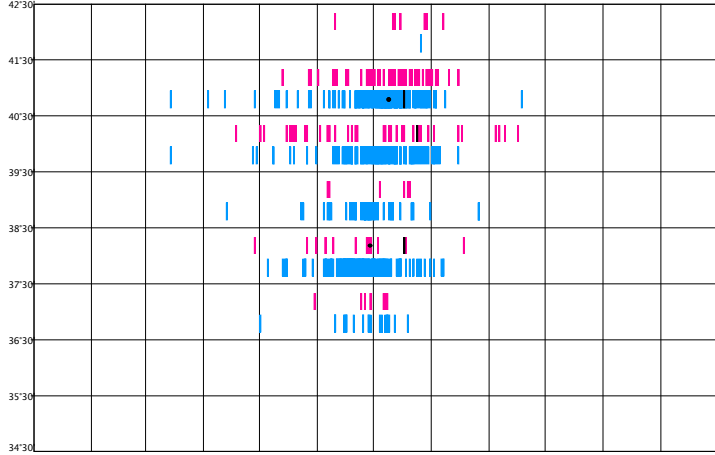
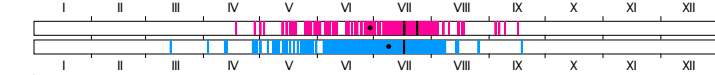
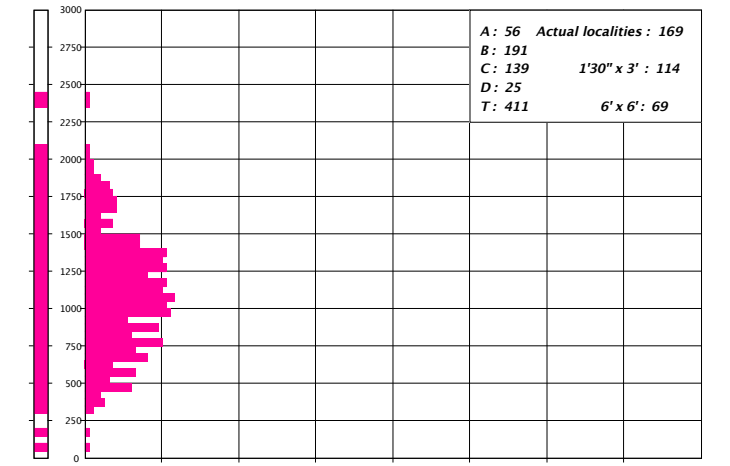
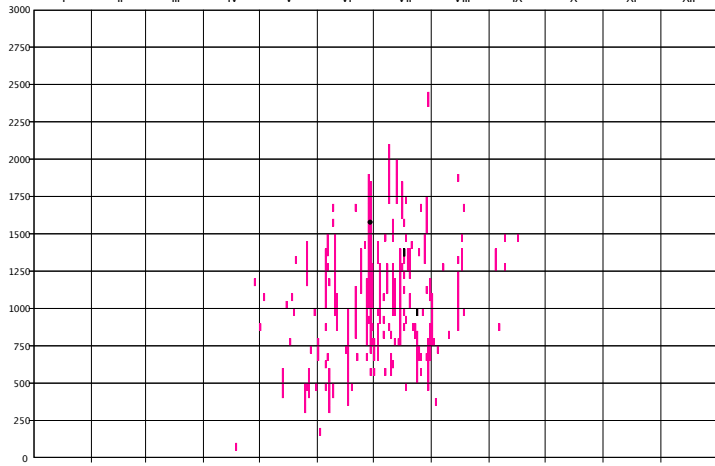
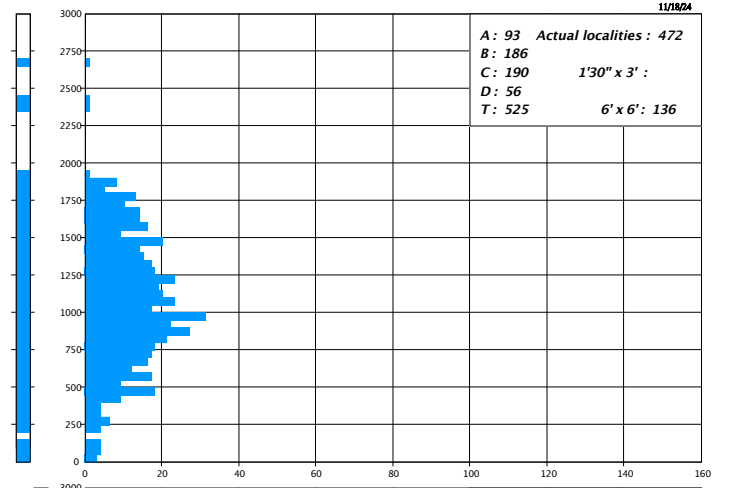
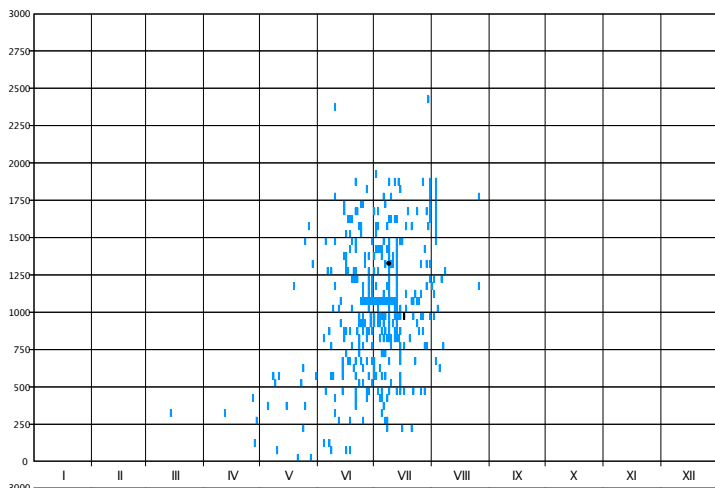




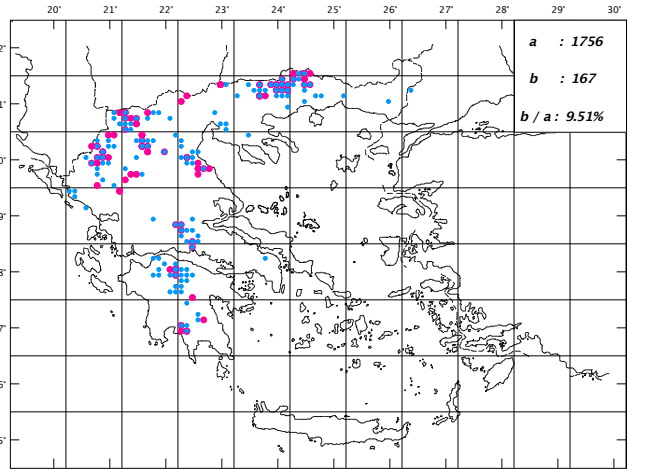


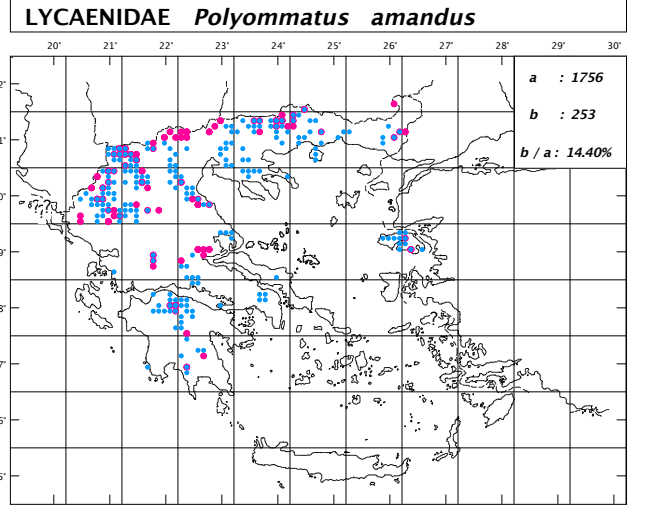
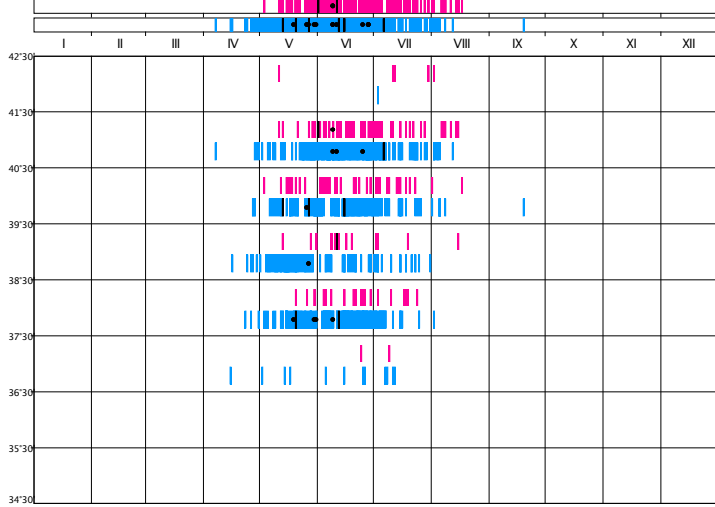
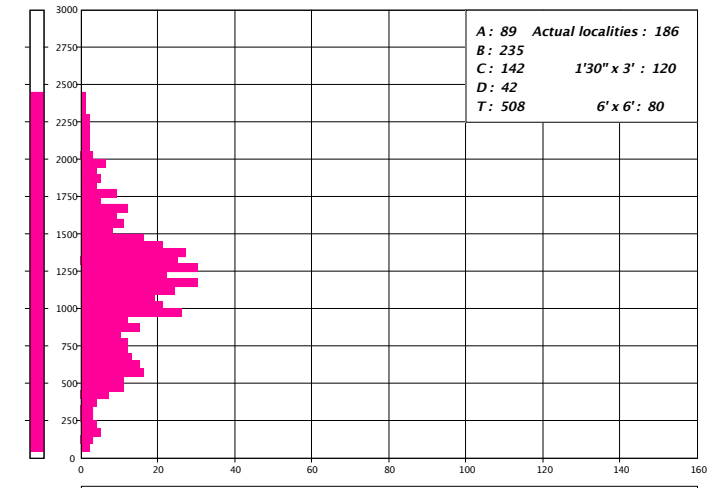
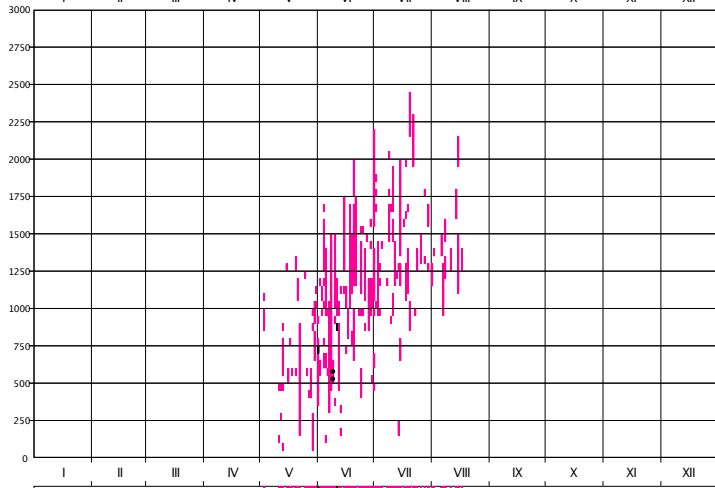
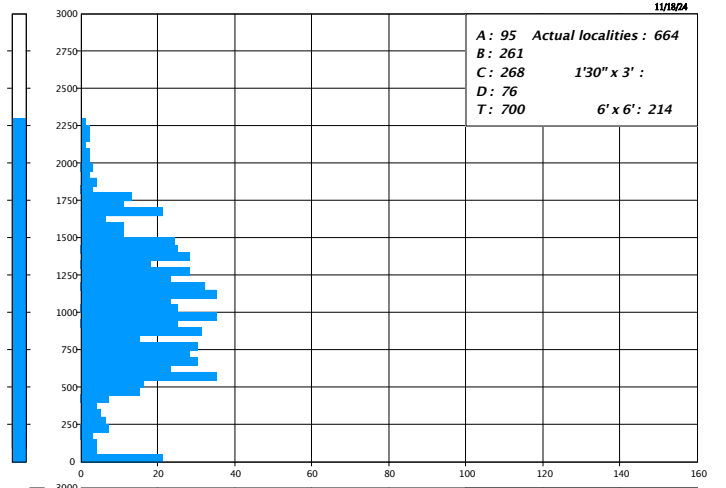
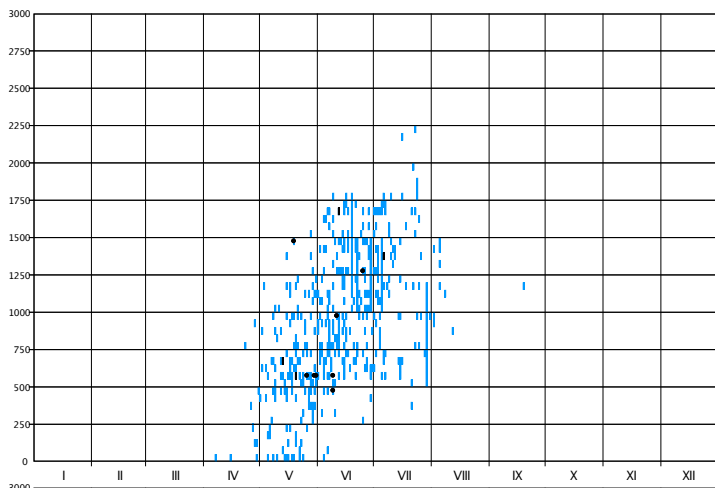


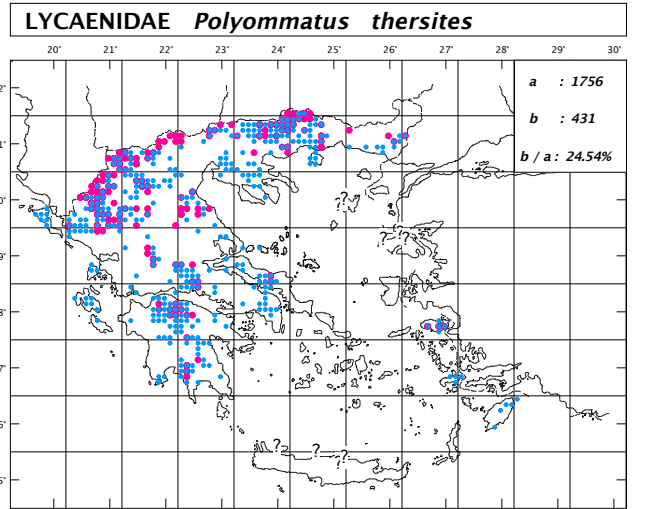
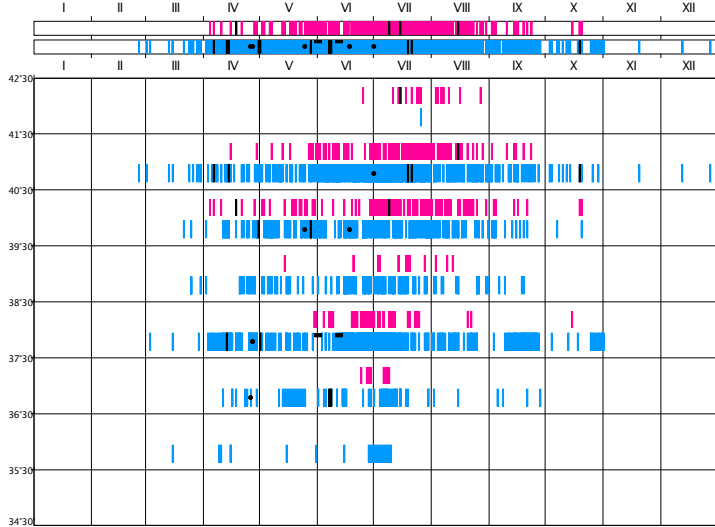
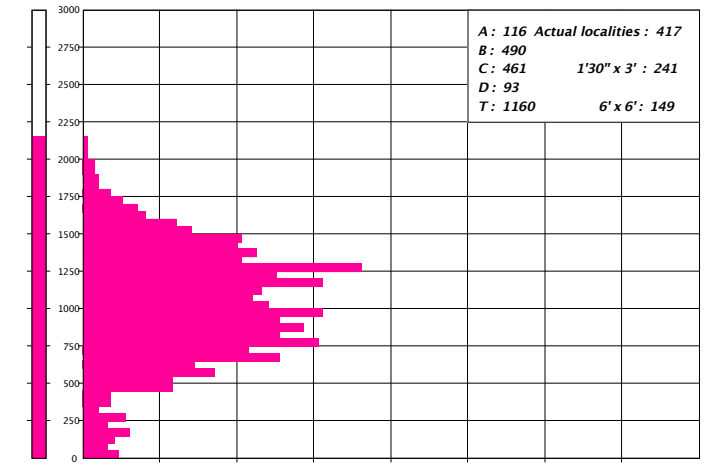
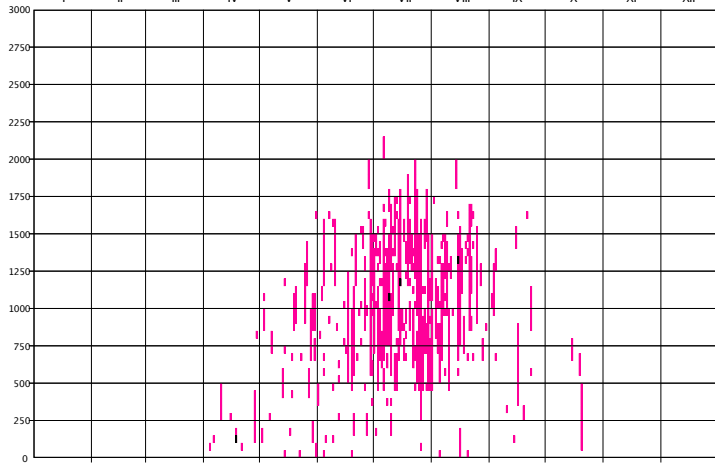
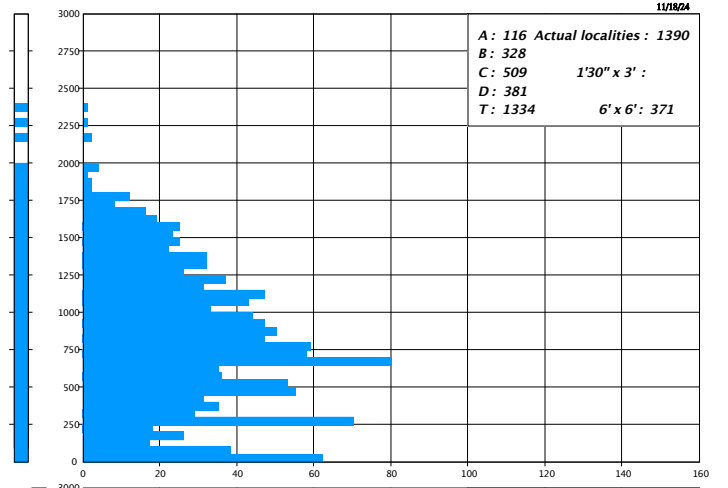
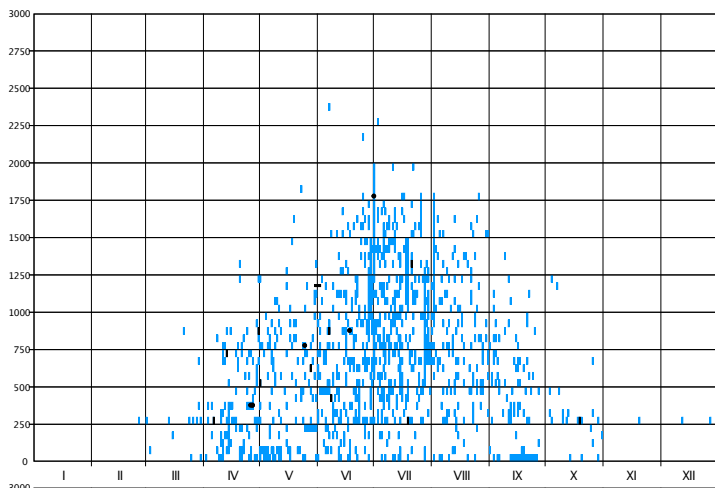


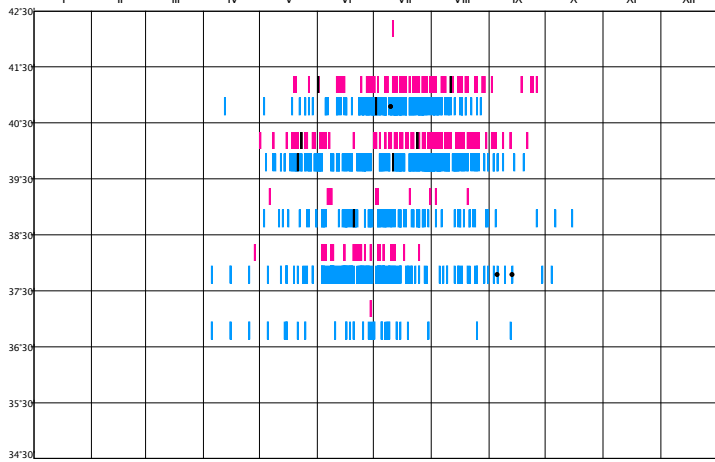
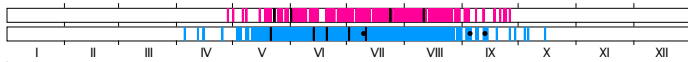
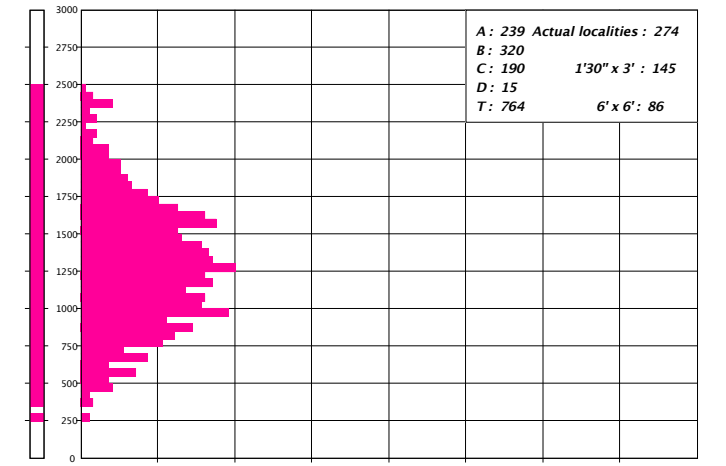
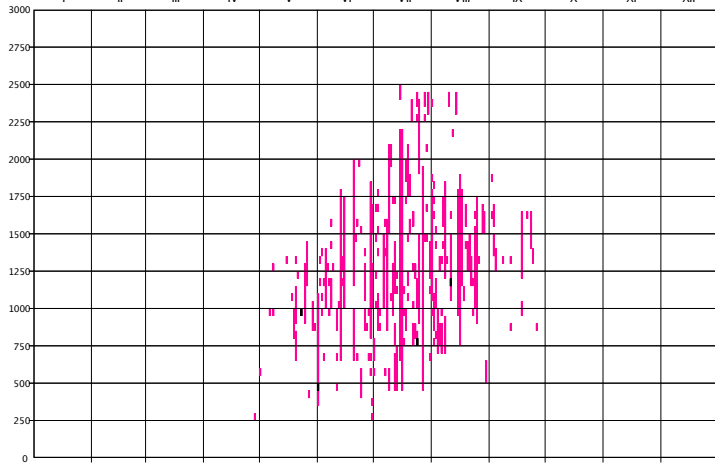
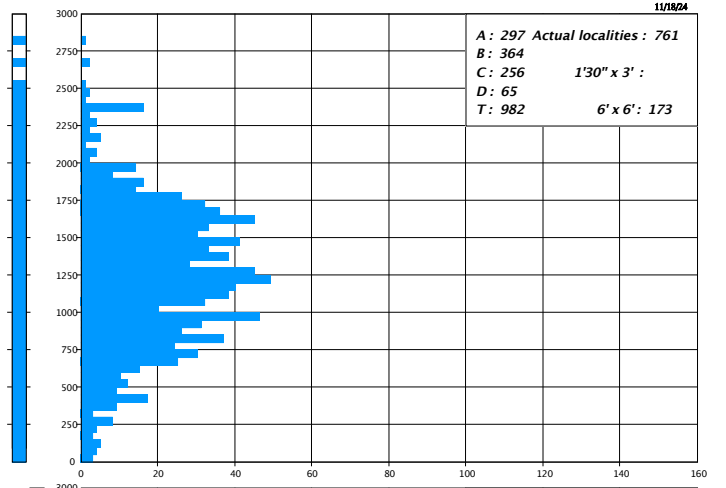
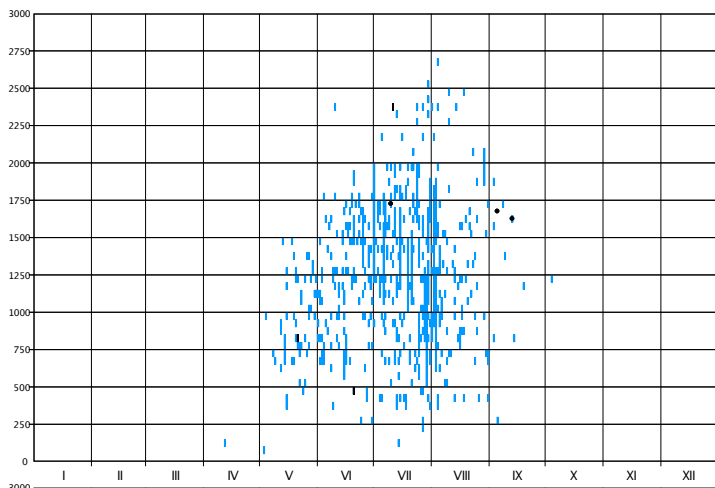


LYCAENIDAE *Polyommatus escheri*

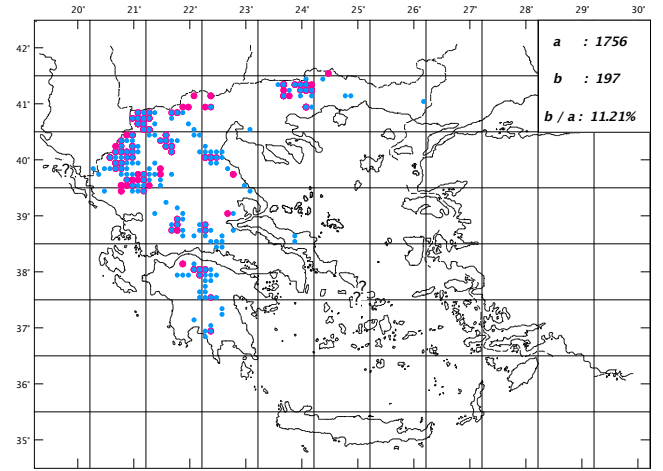


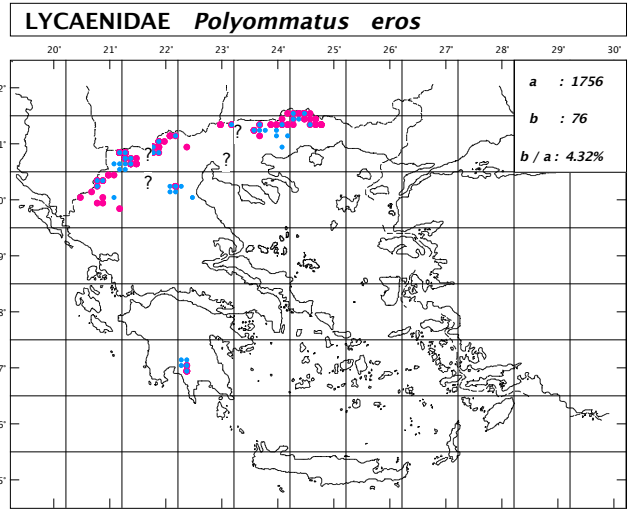
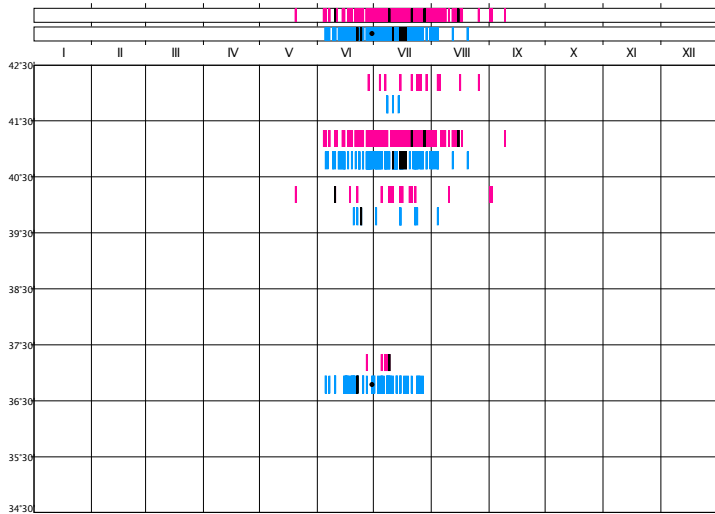
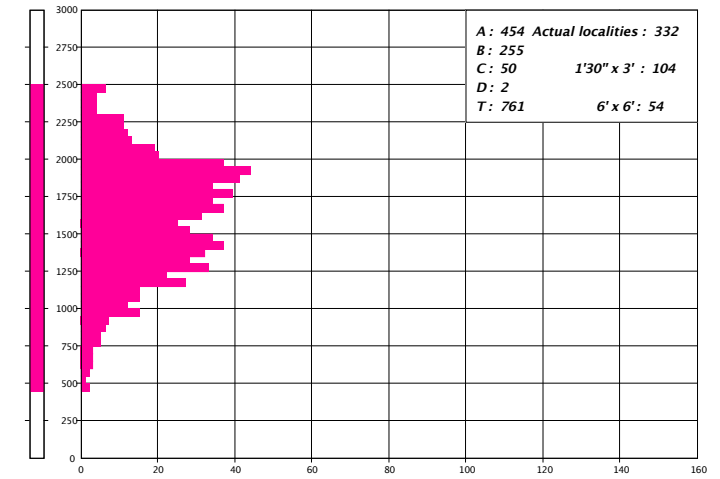
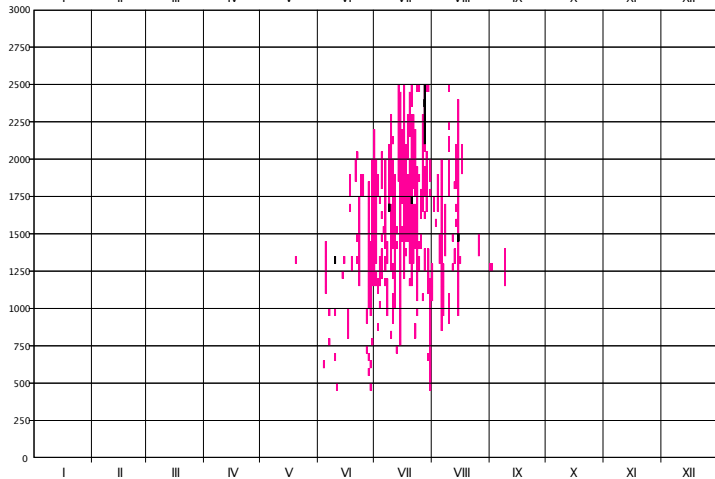
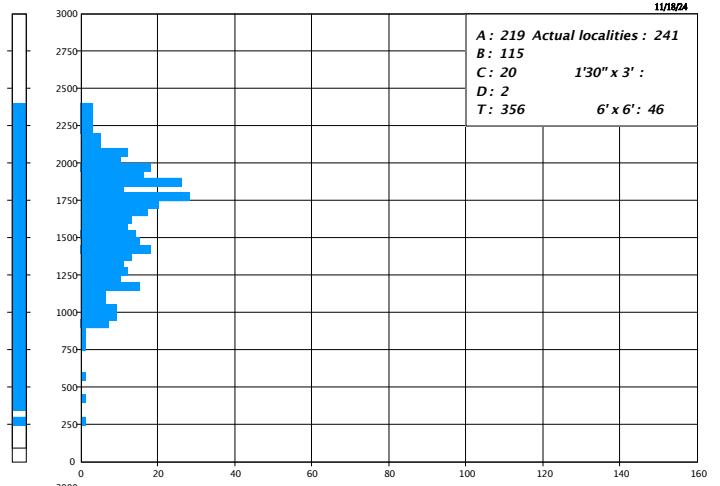
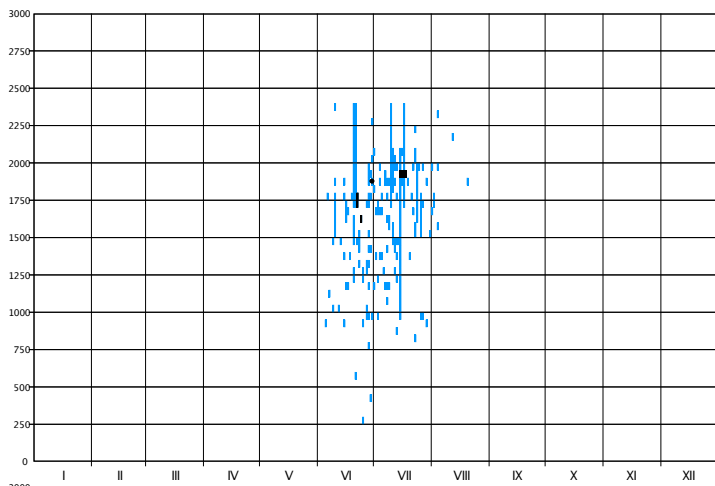


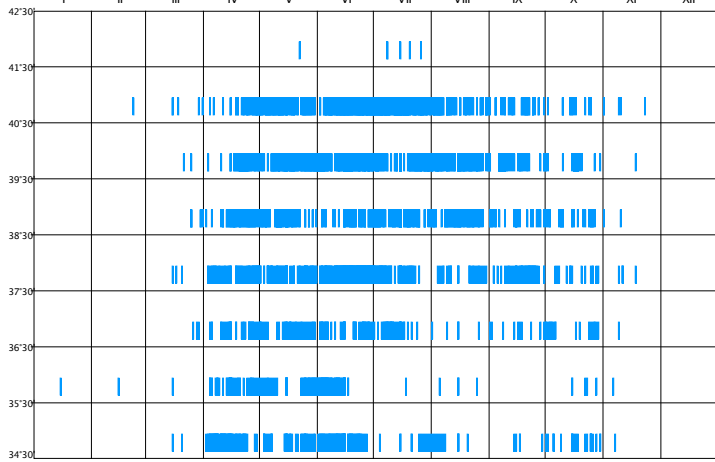
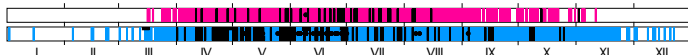
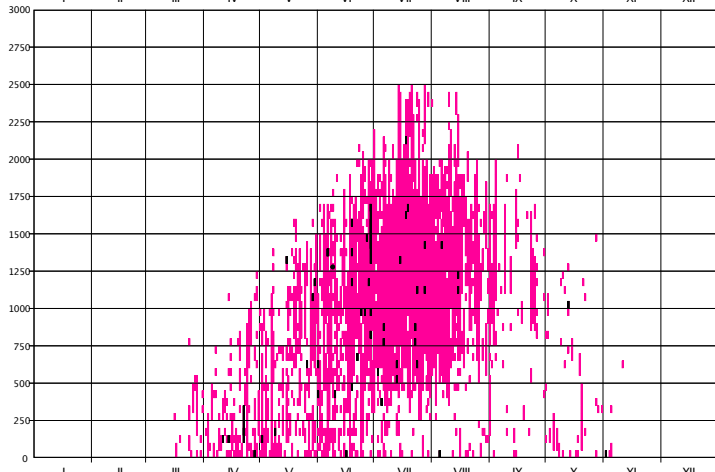
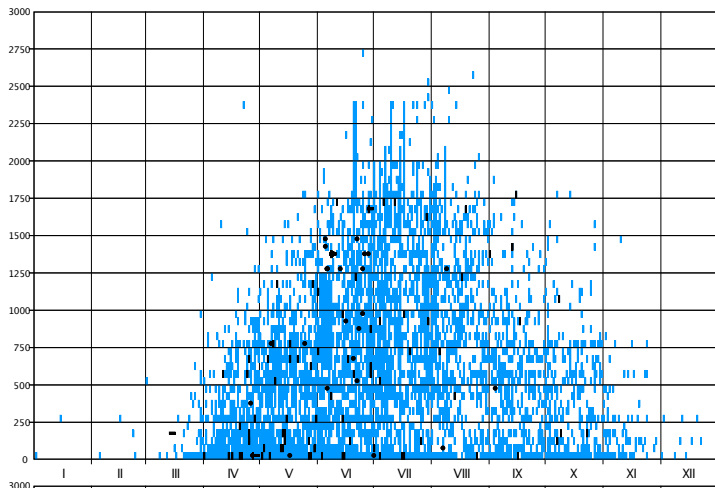


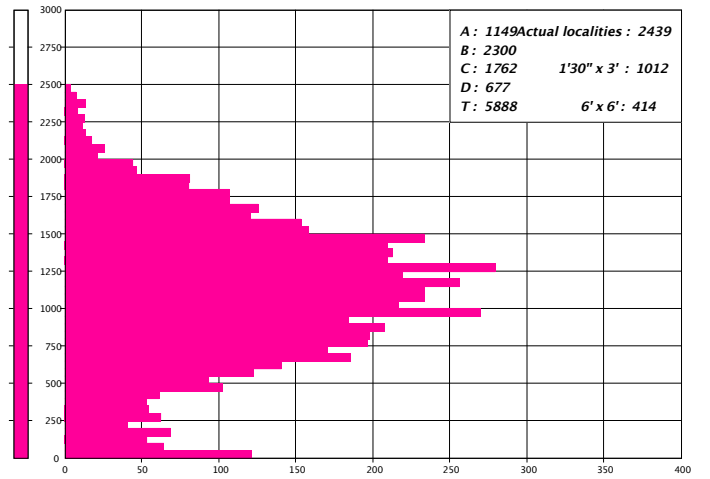
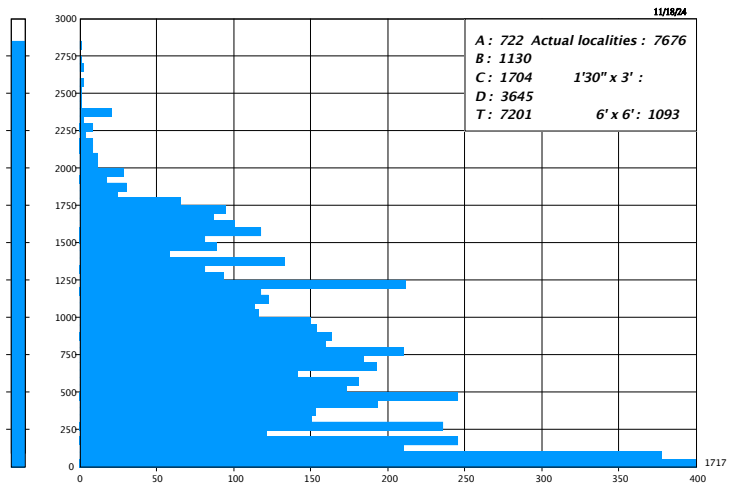


LYCAENIDAE *Polyommatus dorylas*

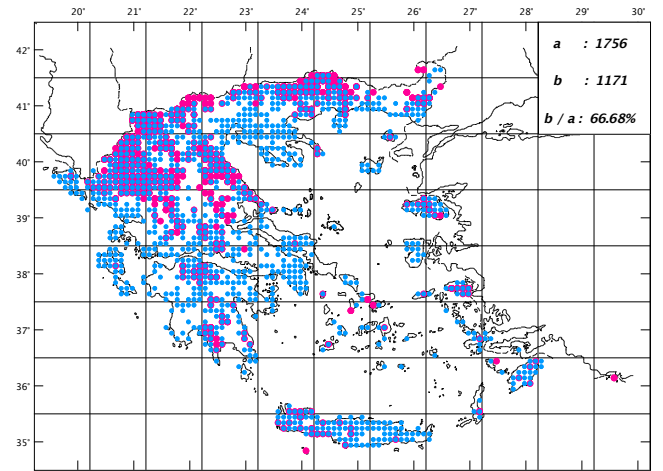


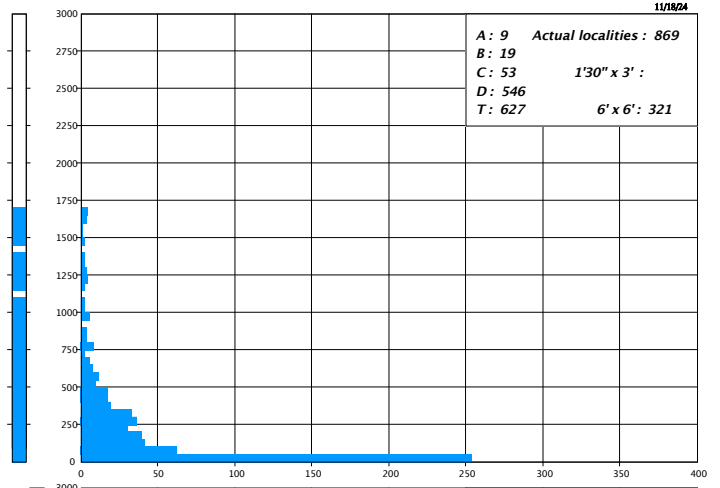
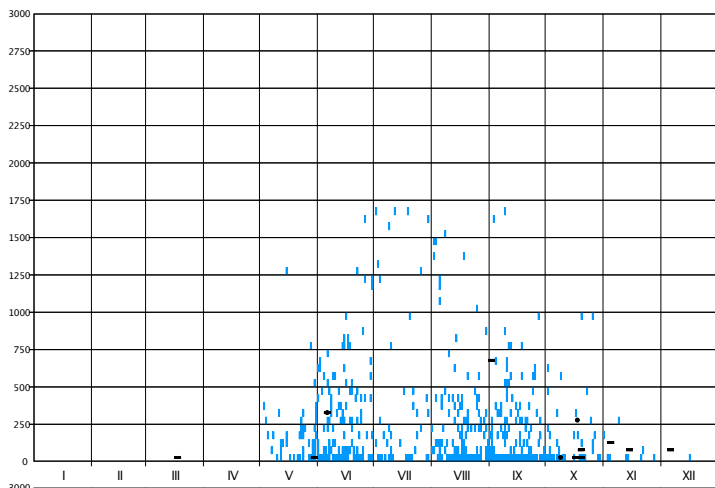




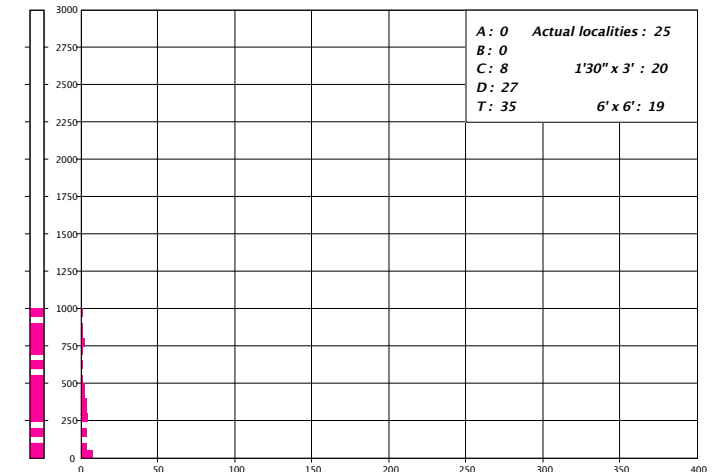
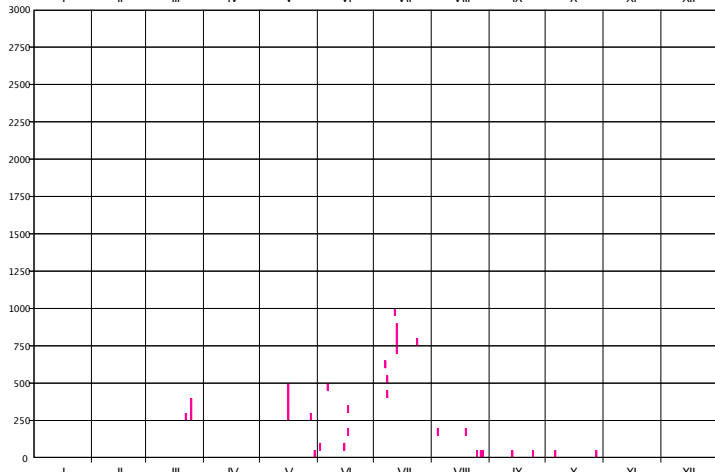


LYCAENIDAE *Polyommatus icarus*

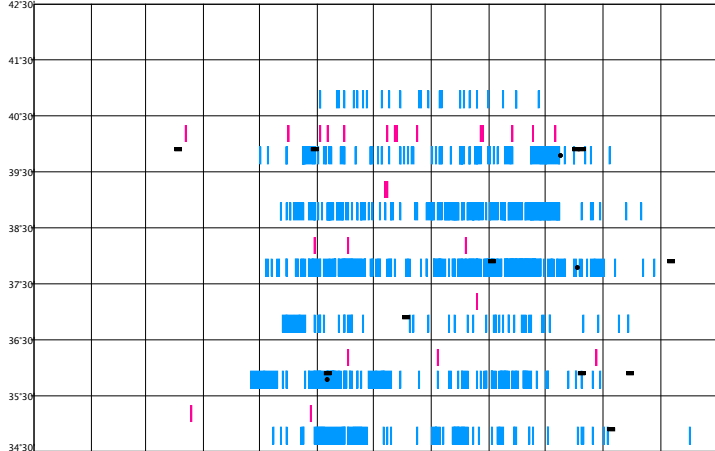
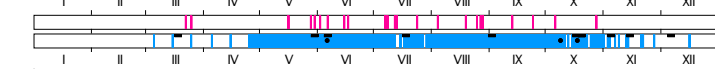




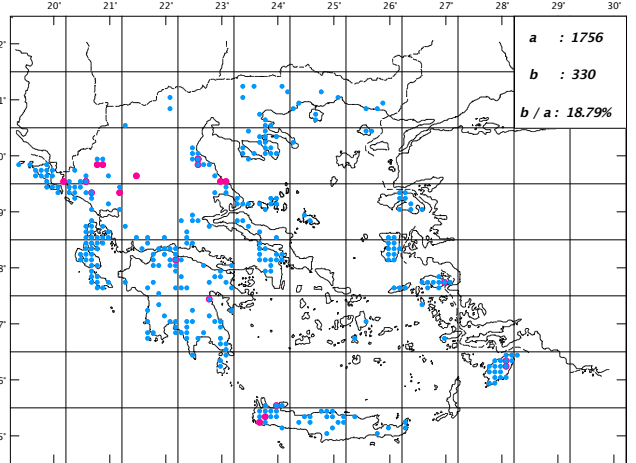
11/1824
A : 9 Actual localities : 869
B : 19
C : 53 1'30" x 3' :
D : 546
T : 627 6' x 6' : 321



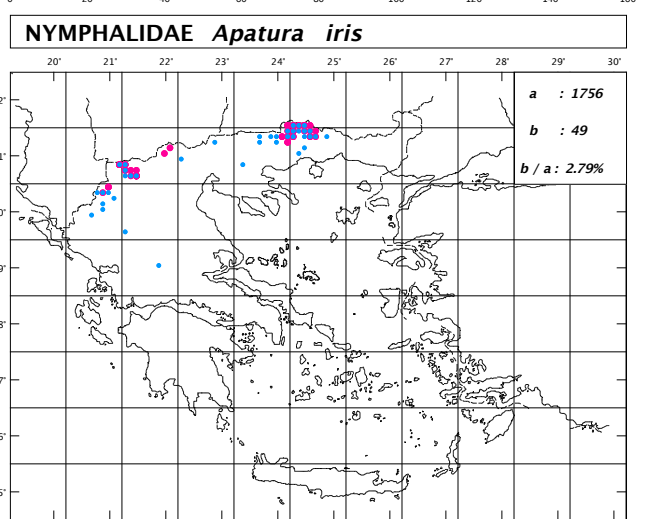
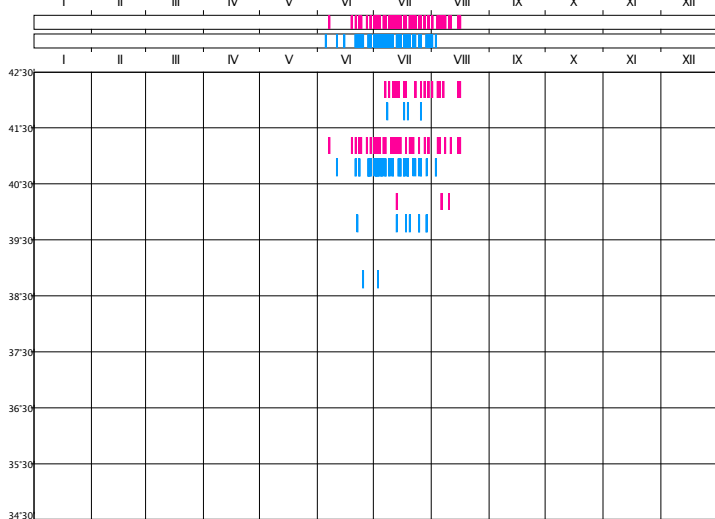
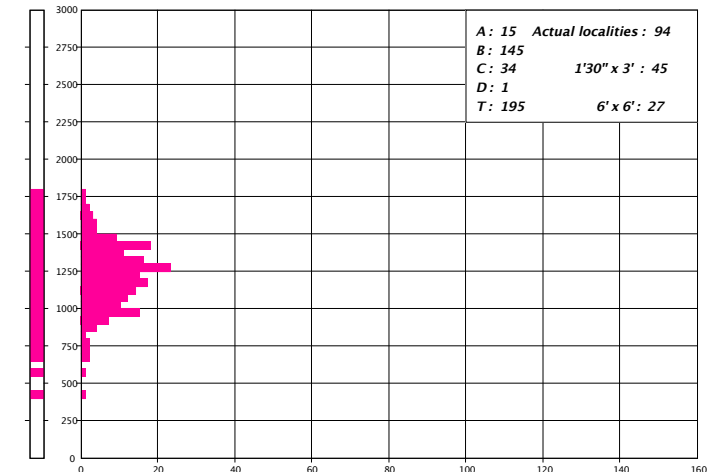
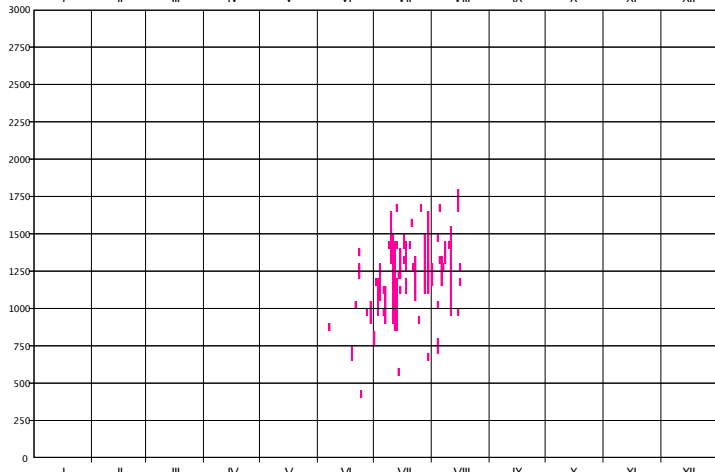
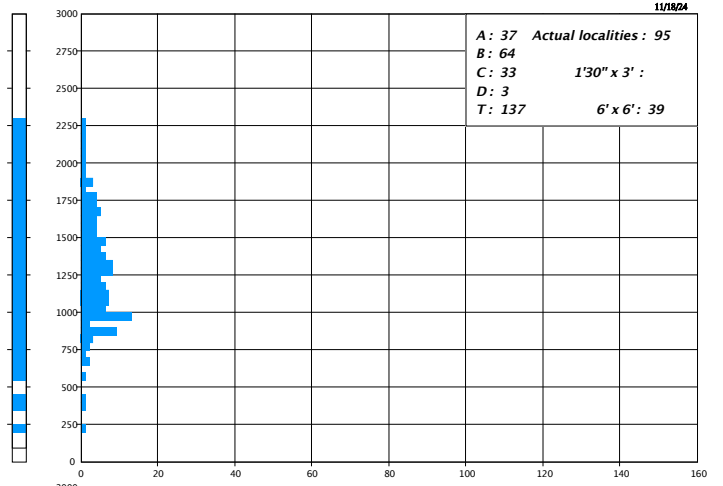
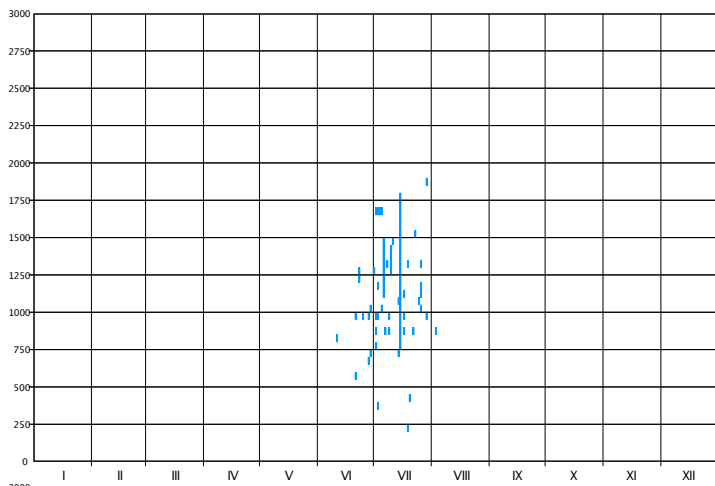
A : 0 Actual localities : 25
B : 0
C : 8 1'30" x 3' : 20
D : 27
T : 35 6' x 6' : 19

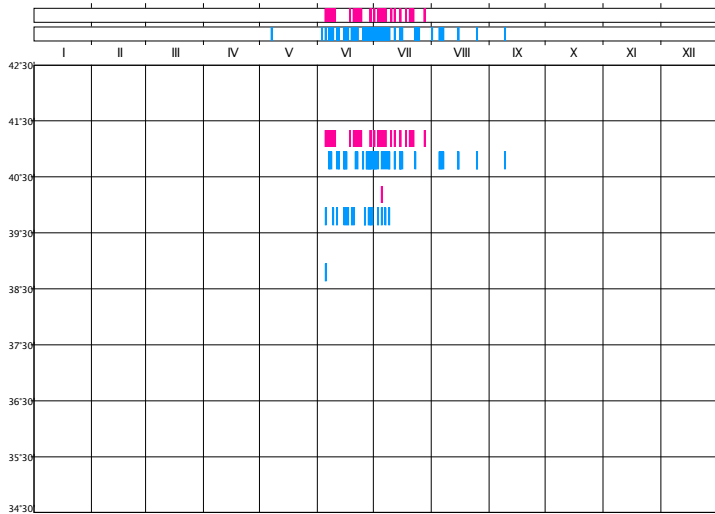
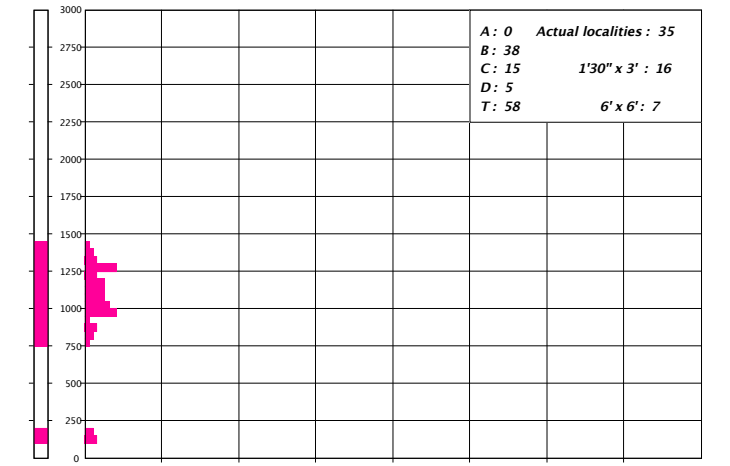
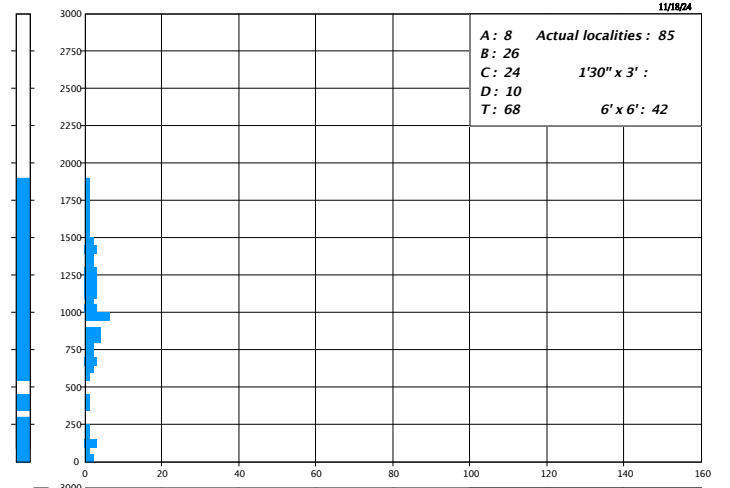
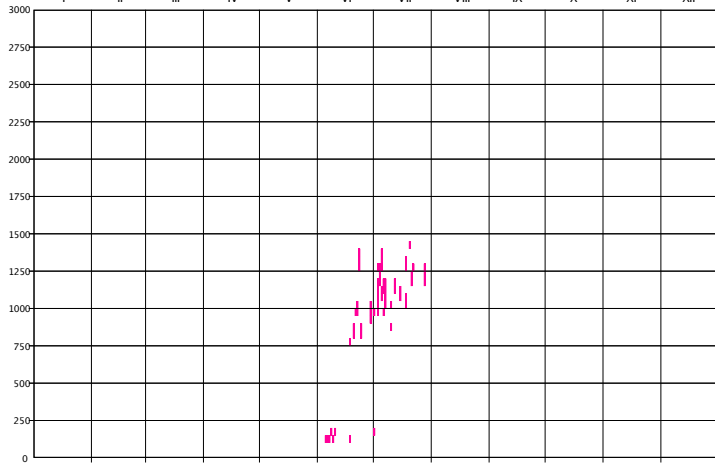
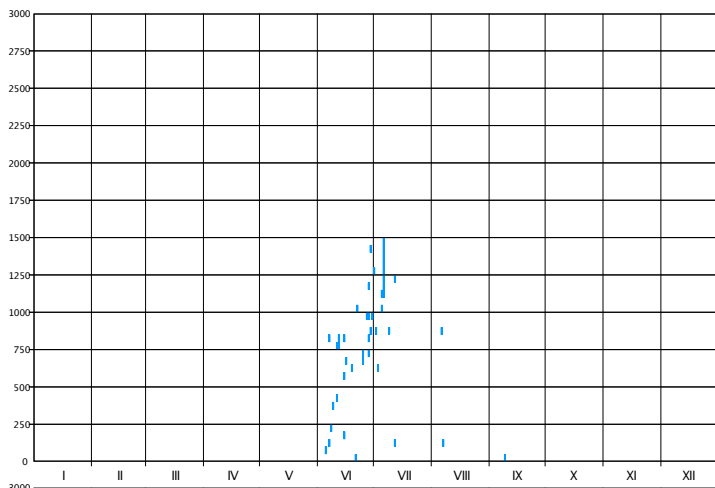


NYMPHALIDAE *Charaxes jasio*

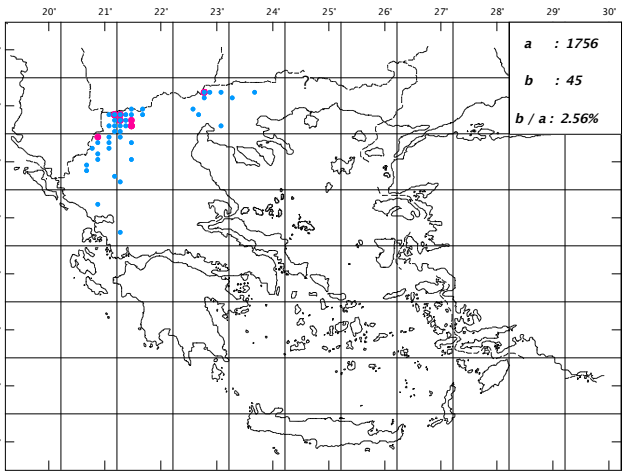


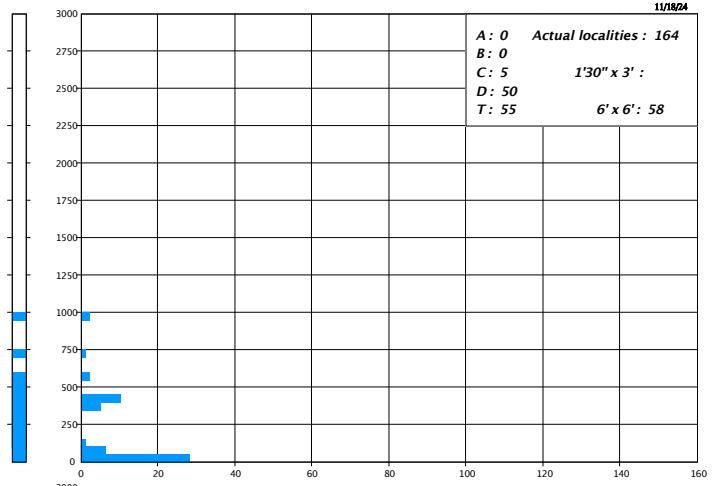
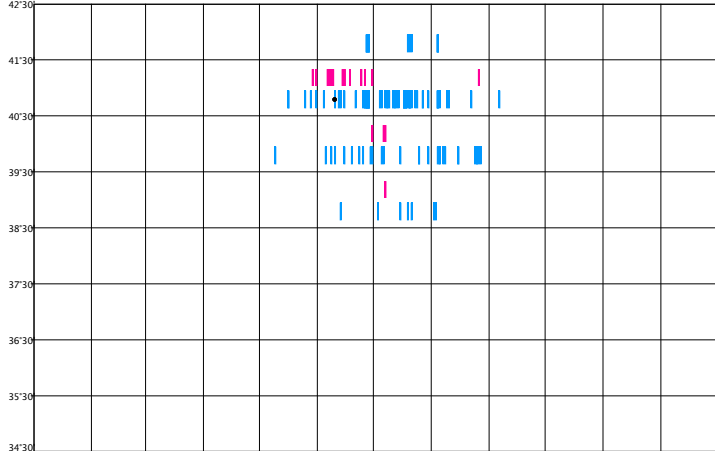
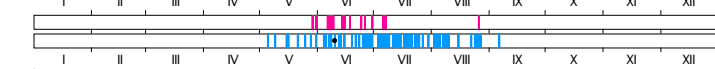
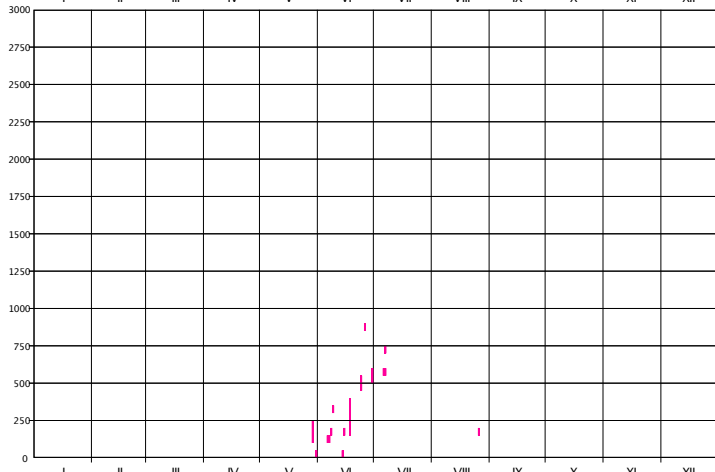
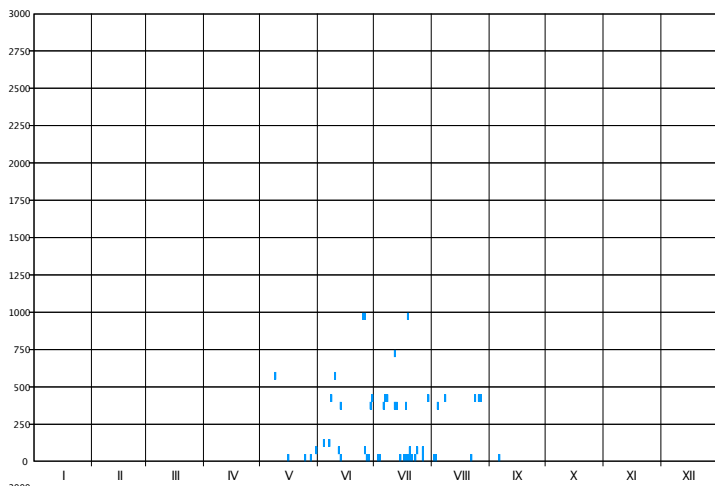
a : 1756
b : 330
b / a : 18.79%



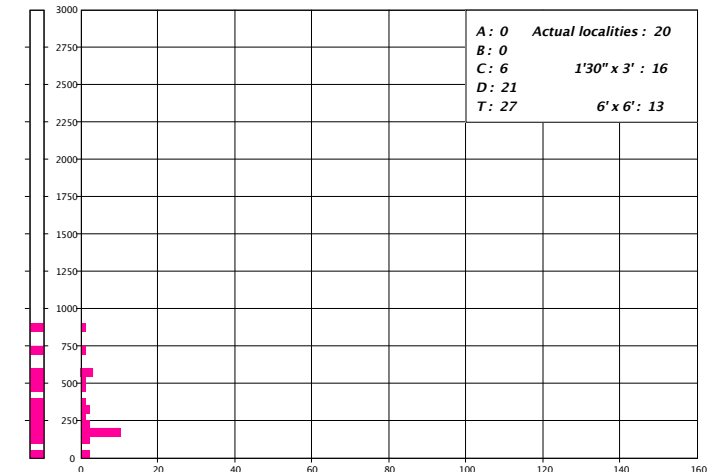


NYMPHALIDAE *Apatura ilia*



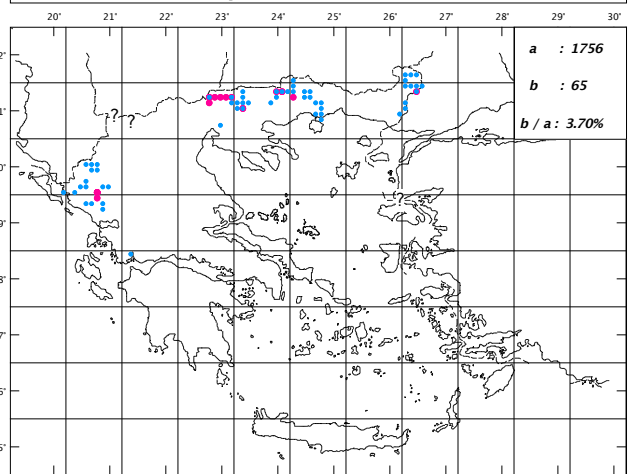


11/18/24
 A : 0 Actual localities : 164
 B : 0
 C : 5 1'30" x 3' :
 D : 50
 T : 55 6' x 6' : 58

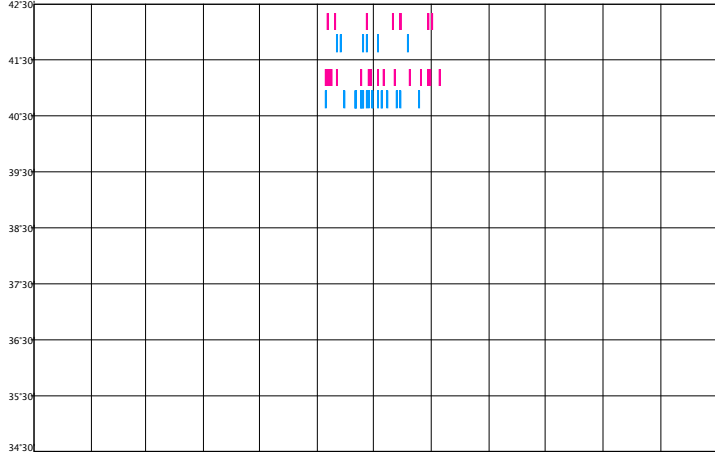
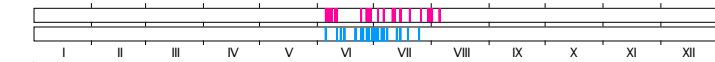
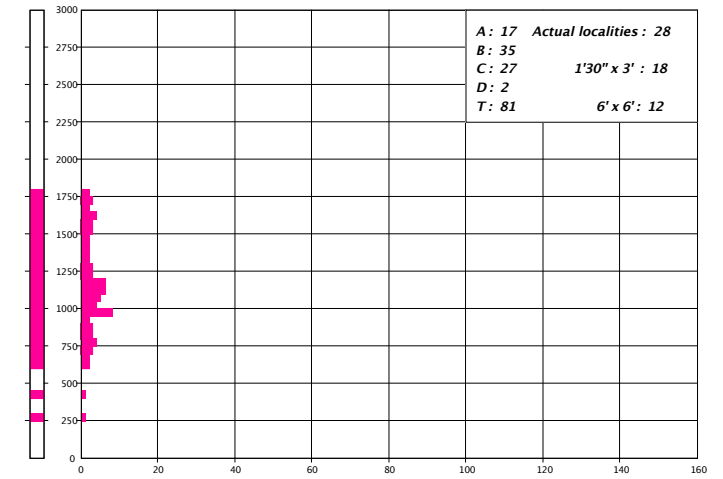
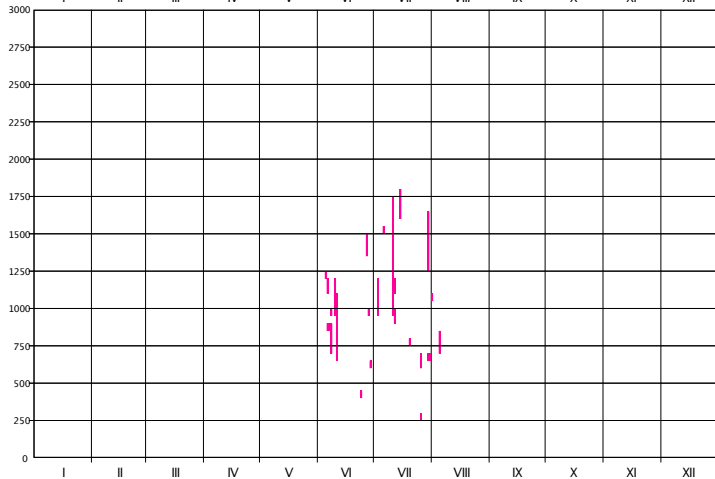
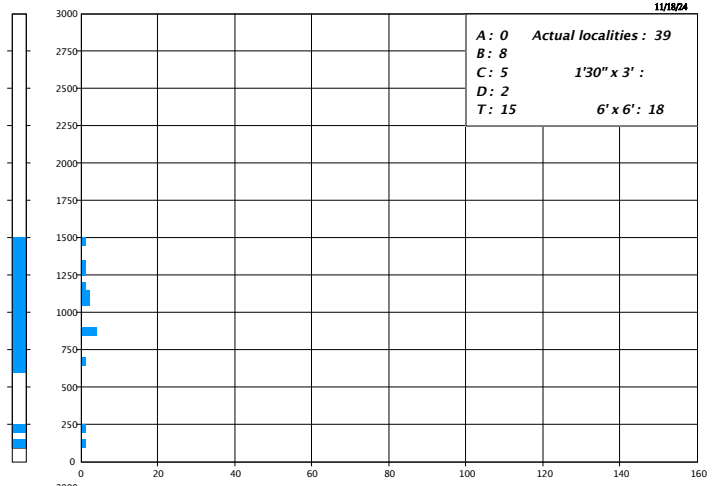
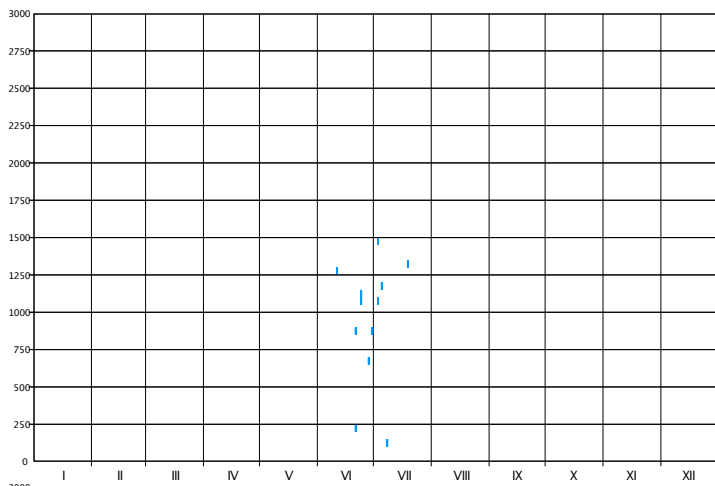


A : 0 Actual localities : 20
 B : 0
 C : 6 1'30" x 3' : 16
 D : 21
 T : 27 6' x 6' : 13

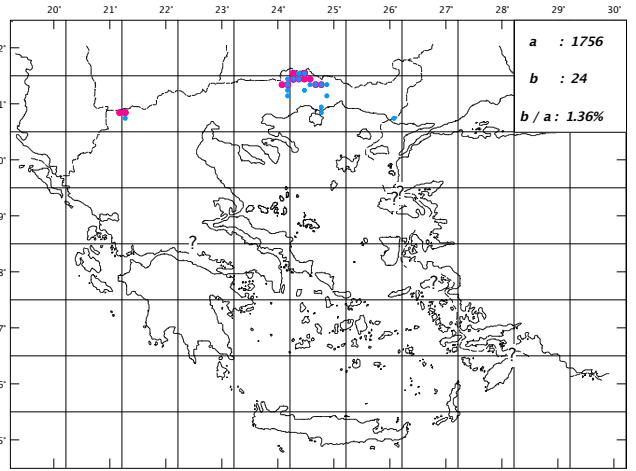
NYMPHALIDAE *Apatura metis*

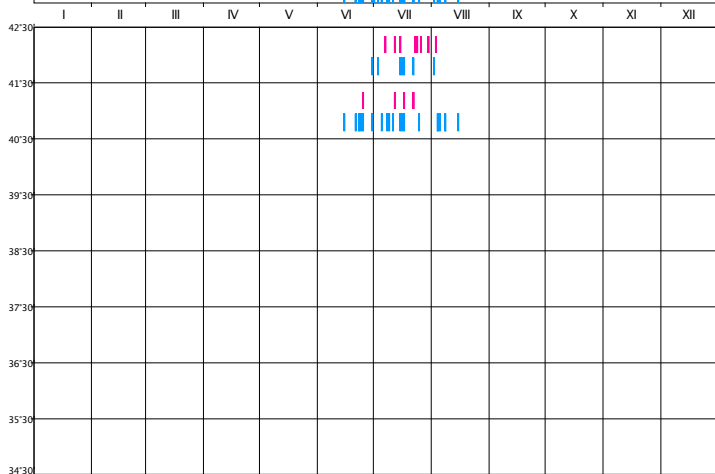
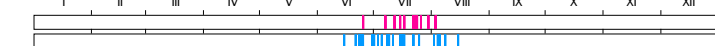
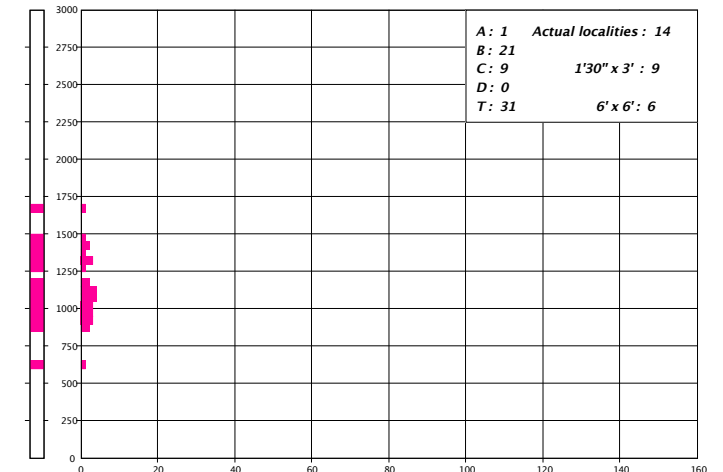
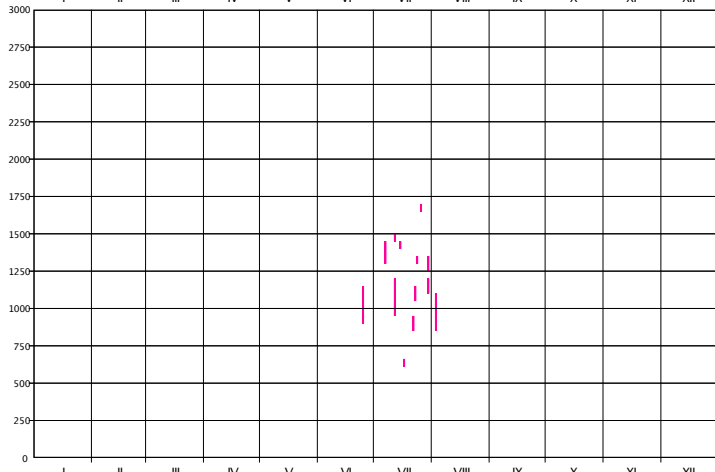
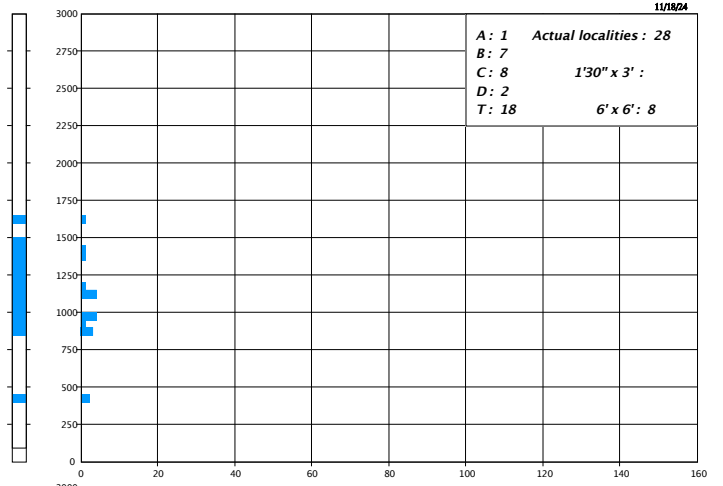
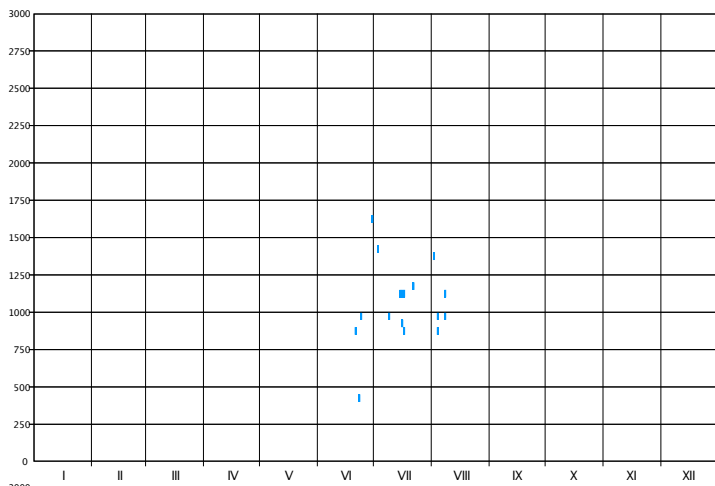


a : 1756
 b : 65
 b / a : 3.70%

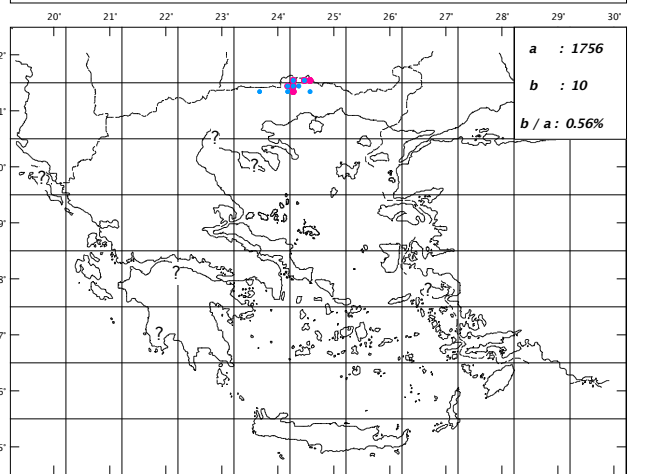


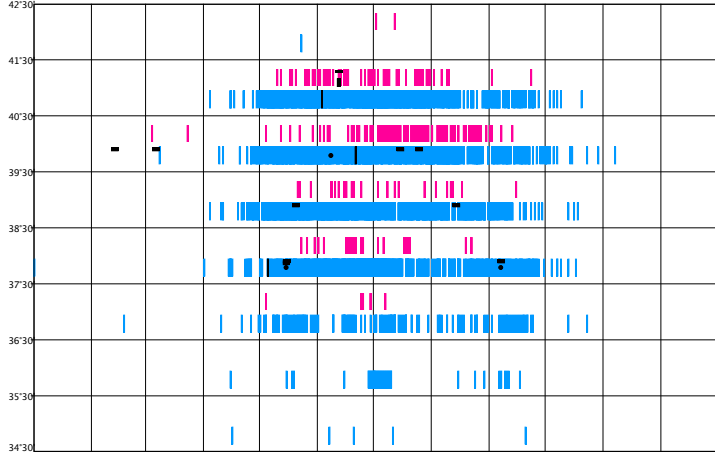
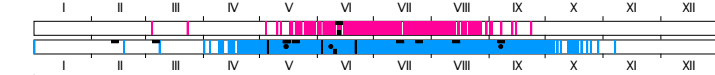
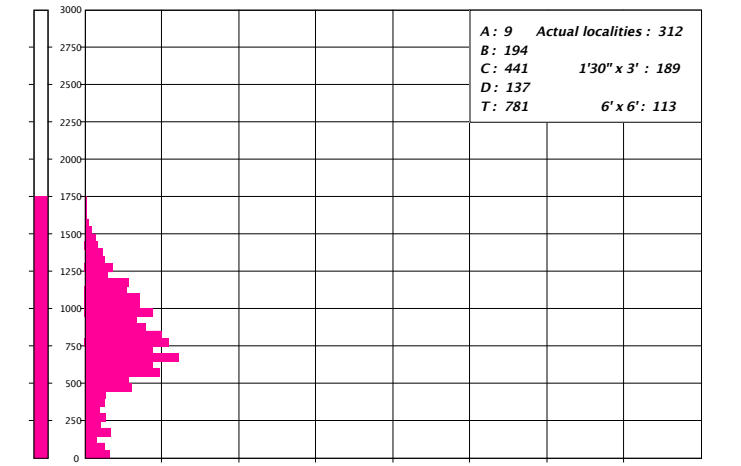
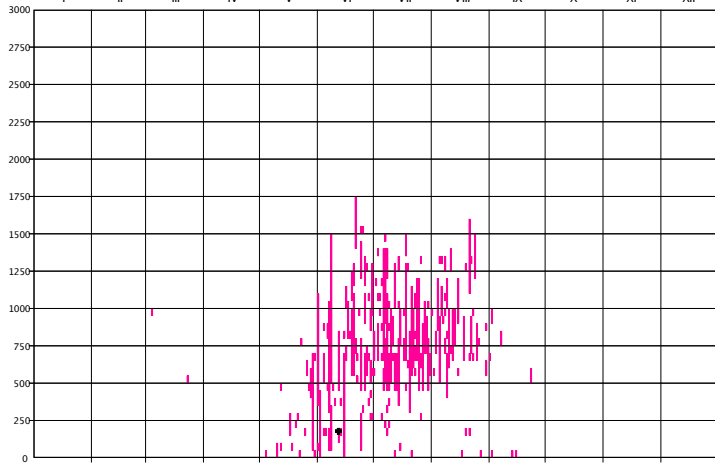
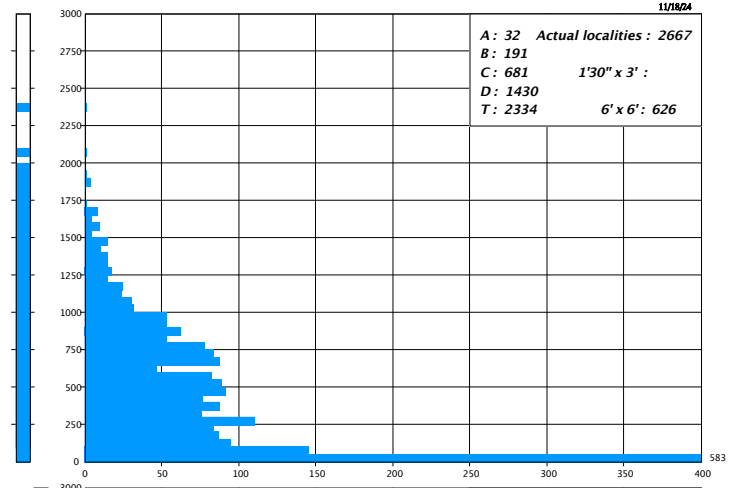
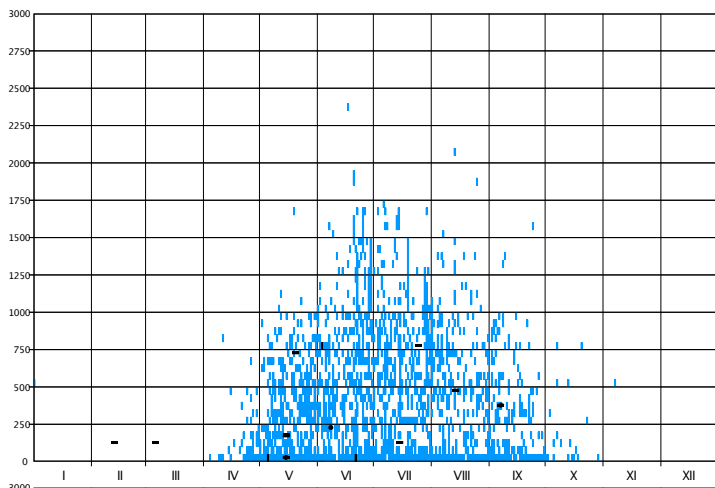
NYMPHALIDAE *Limenitis populi*



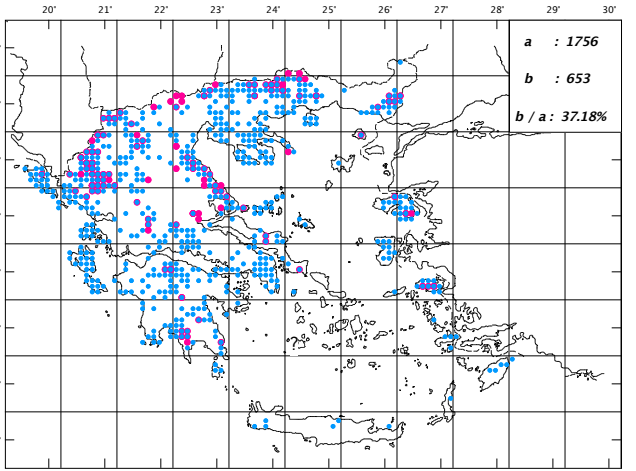


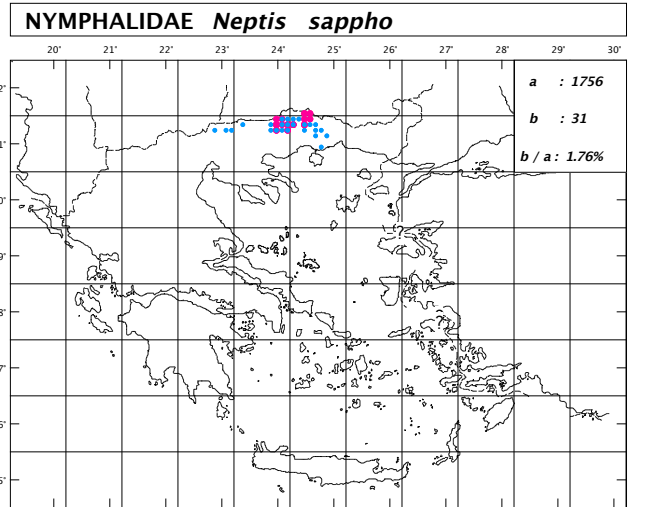
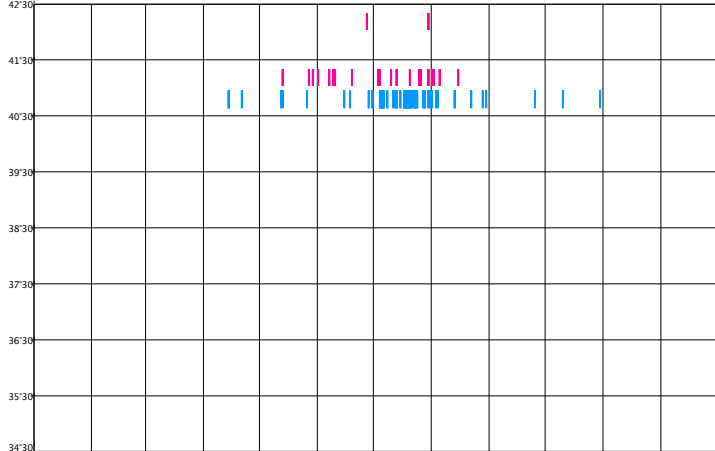
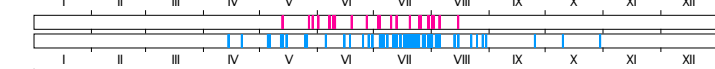
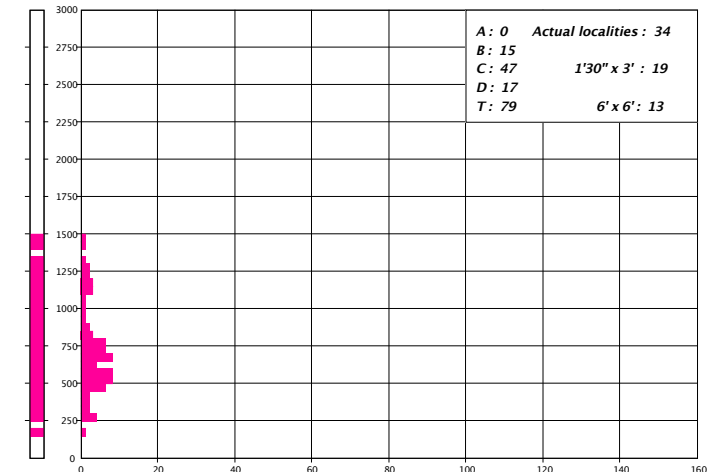
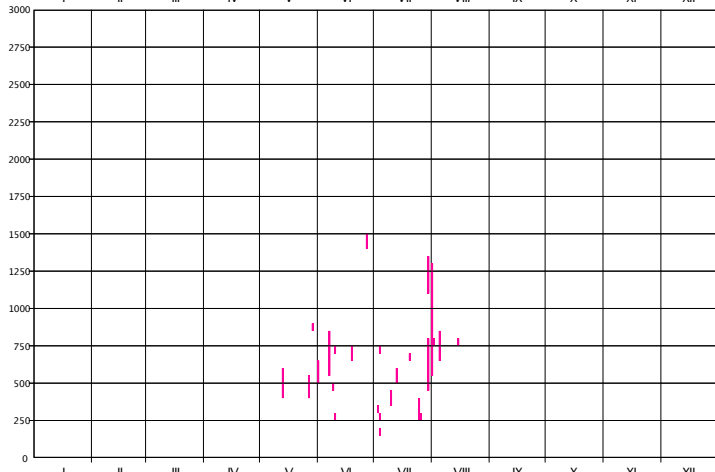
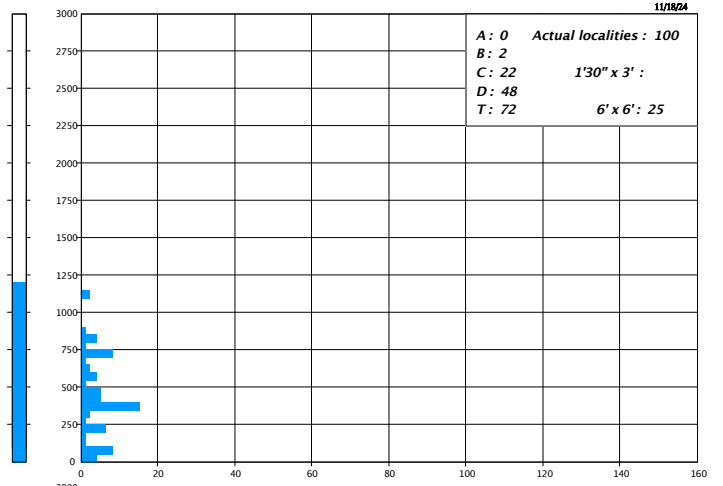
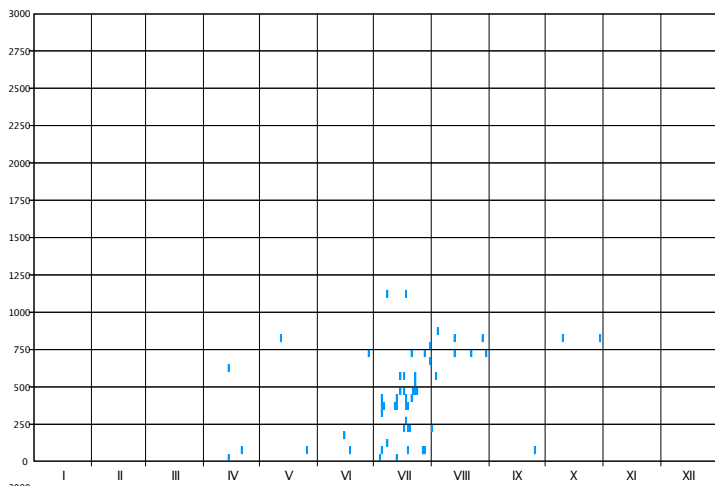
NYMPHALIDAE *Limenitis camilla*

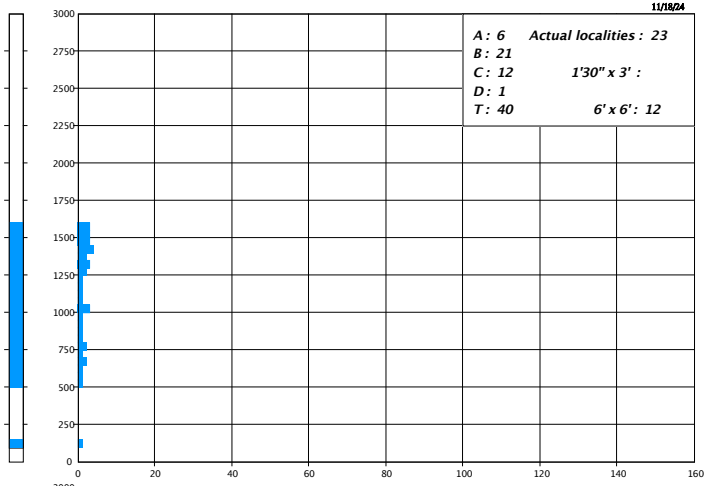
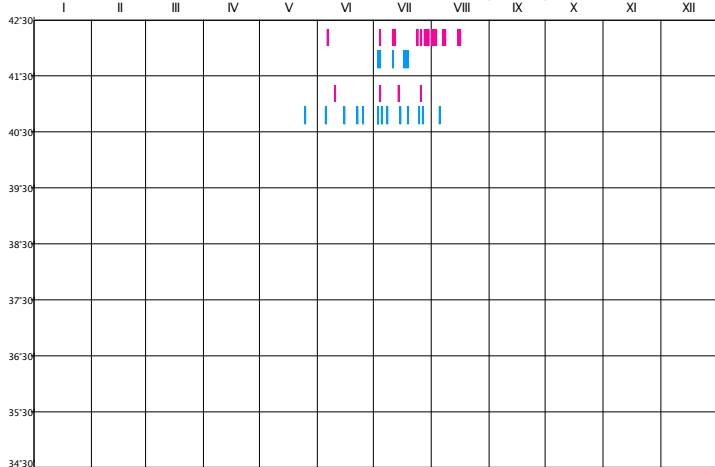
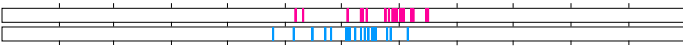
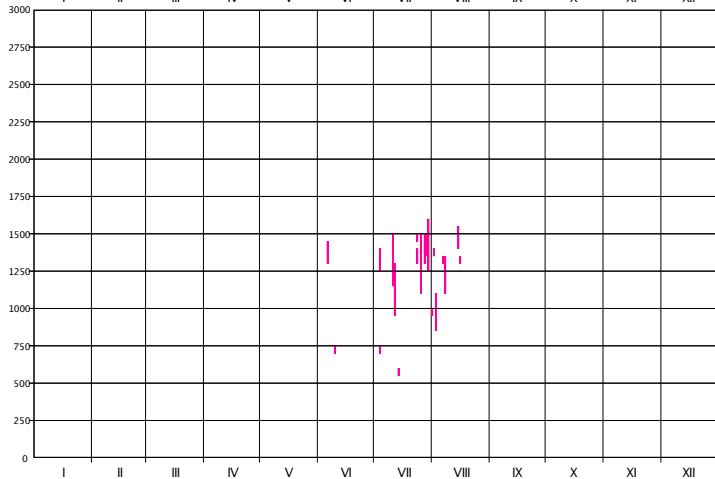
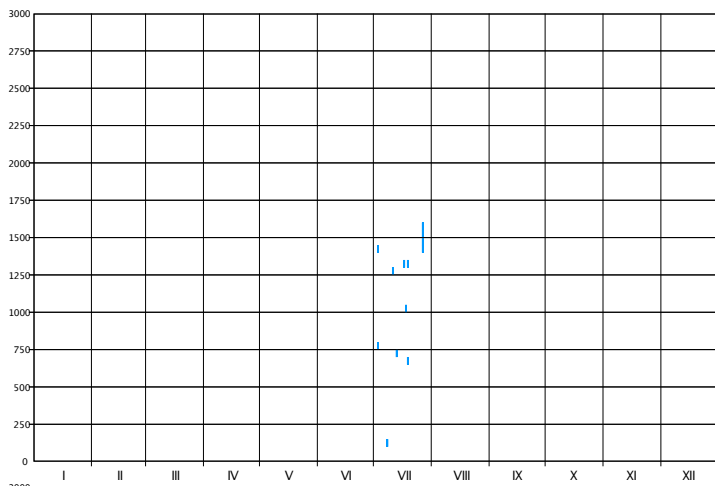




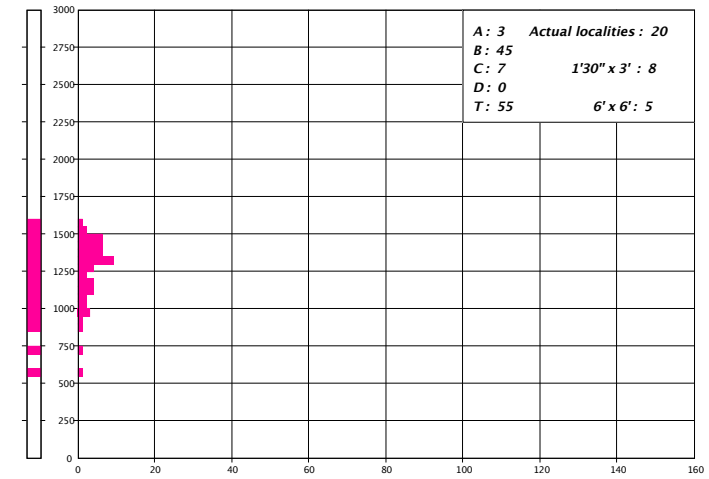
NYMPHALIDAE *Limenitis reducta*





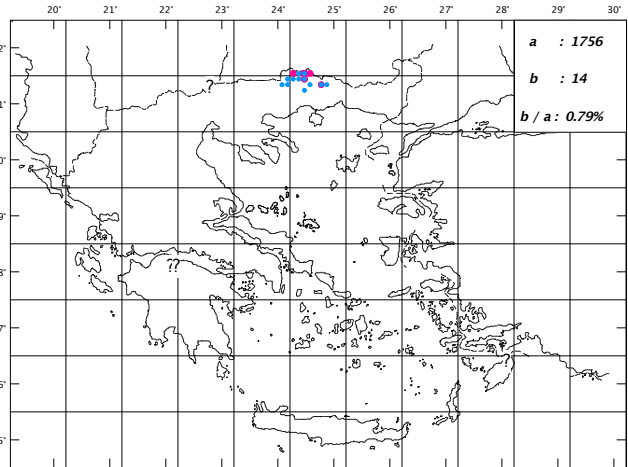


11/18/24
A : 6 Actual localities : 23
B : 21
C : 12 1'30" x 3' : 8
D : 1
T : 40 6' x 6' : 12

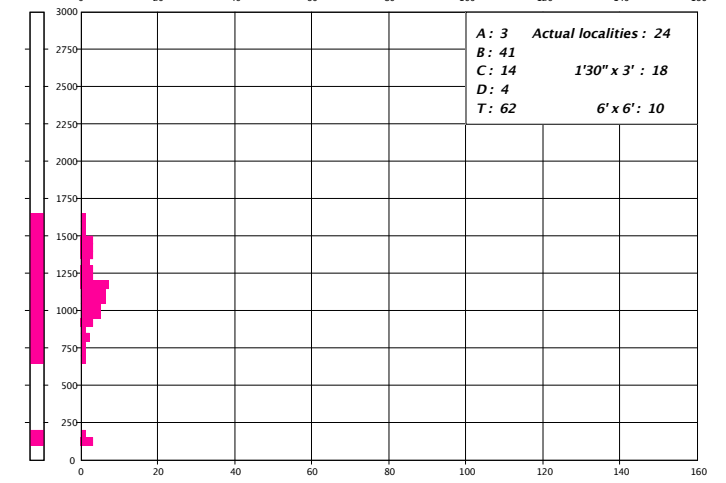
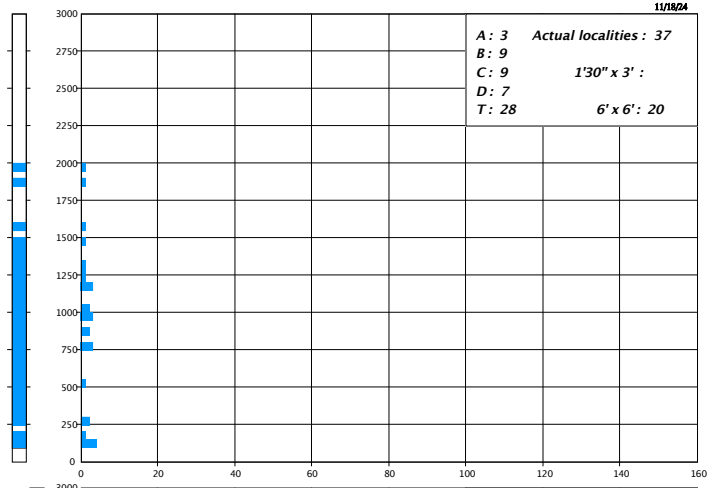
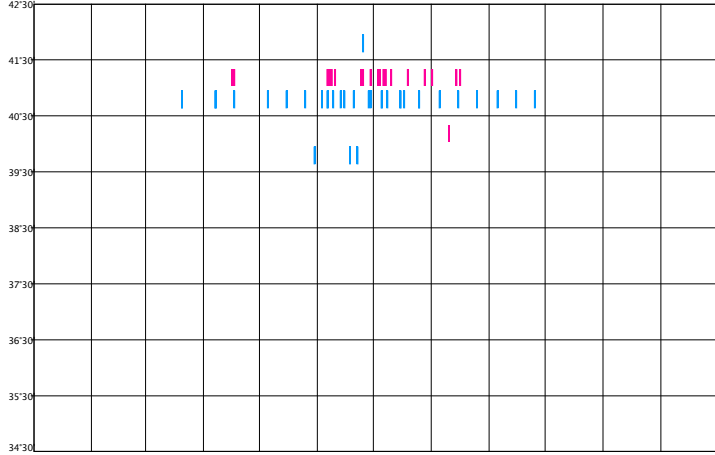
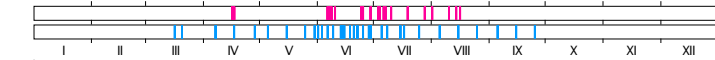
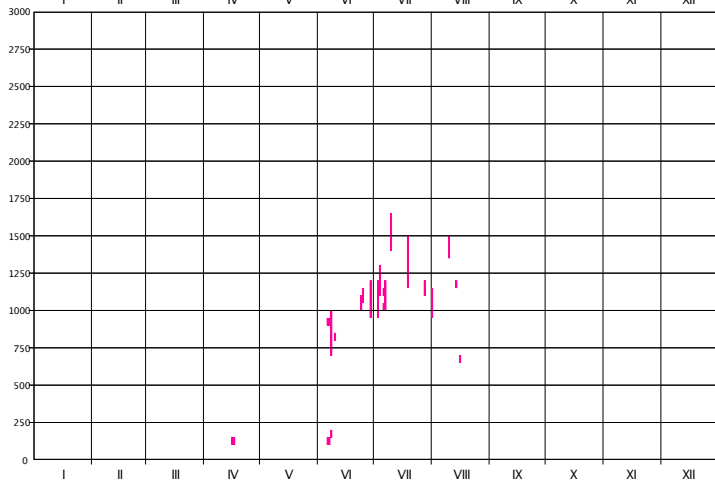
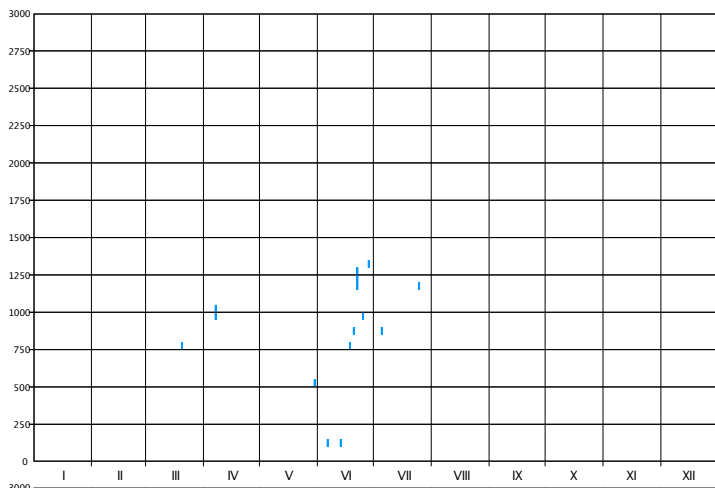


A : 3 Actual localities : 20
B : 45
C : 7 1'30" x 3' : 8
D : 0
T : 55 6' x 6' : 5

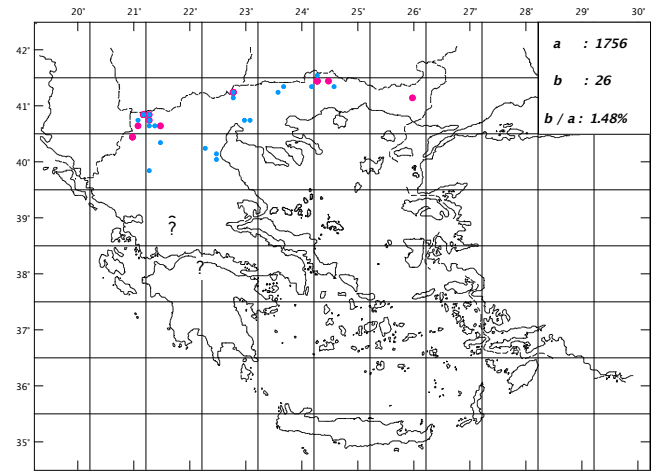
NYMPHALIDAE *Neptis rivularis*

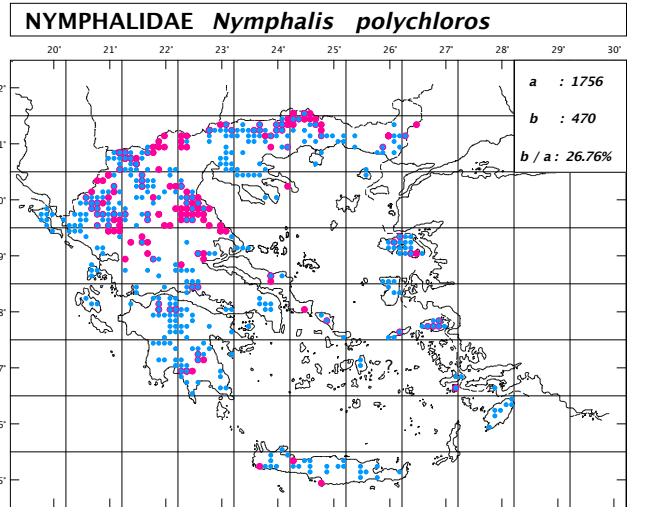
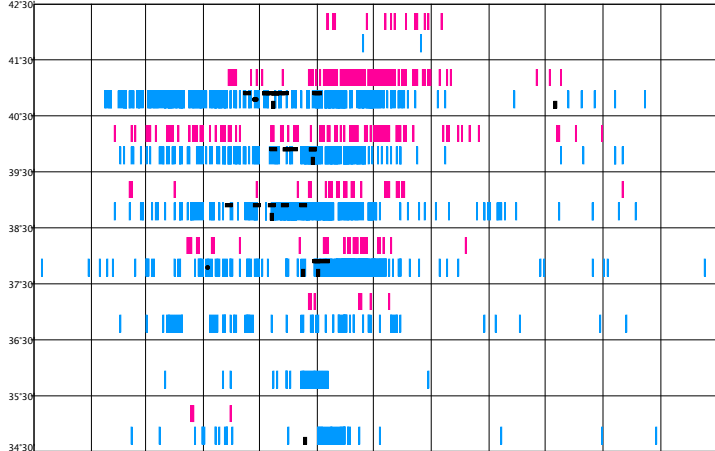
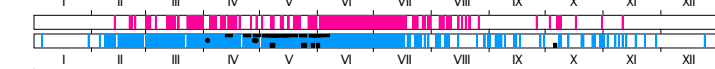
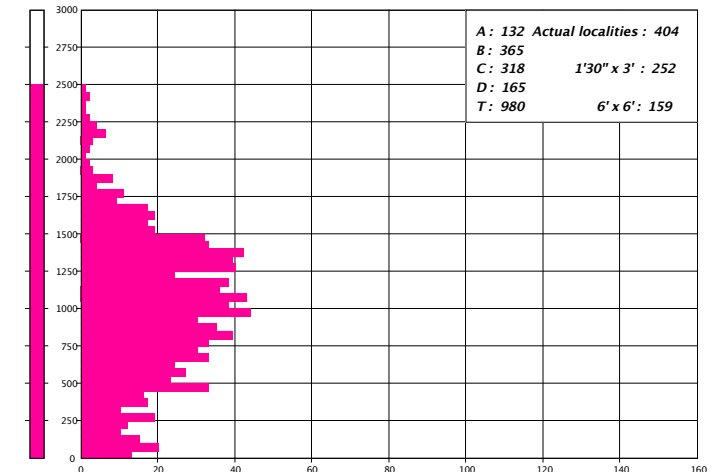
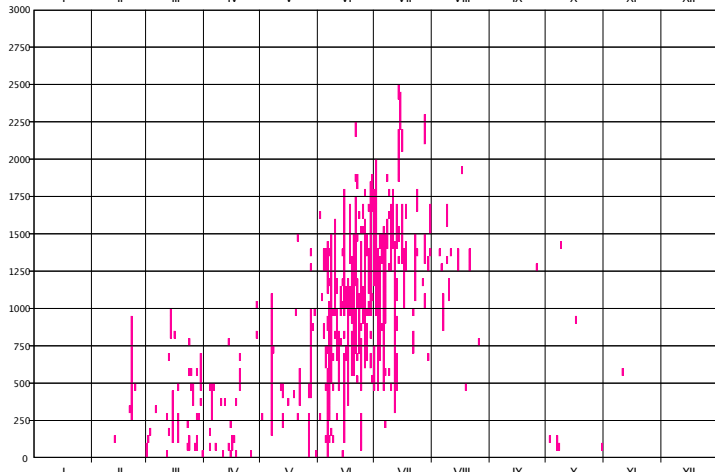
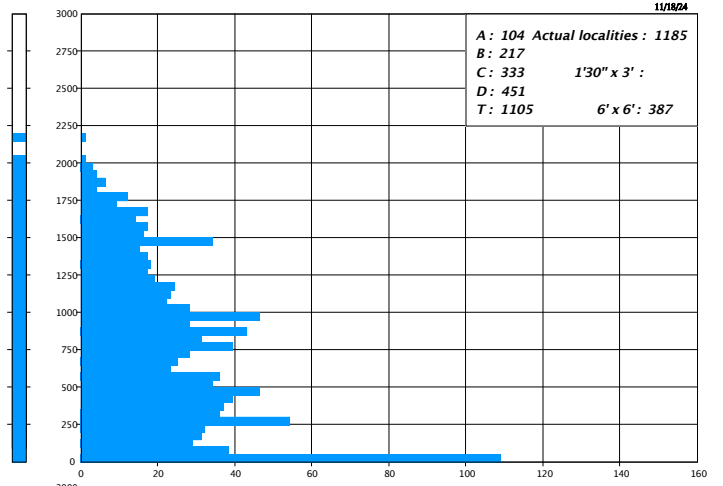
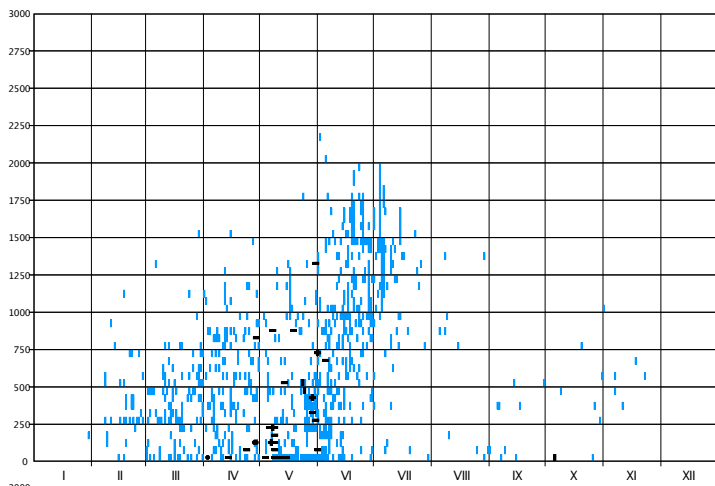


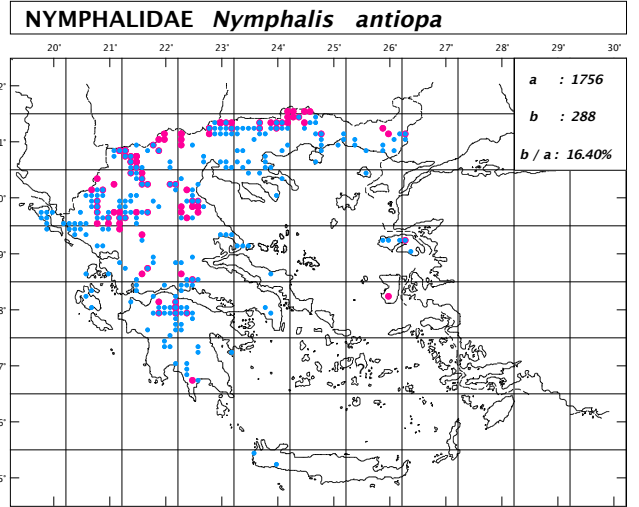
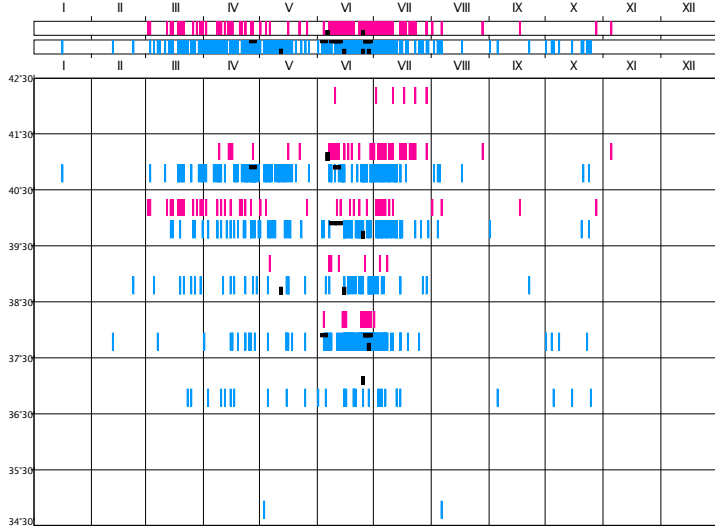
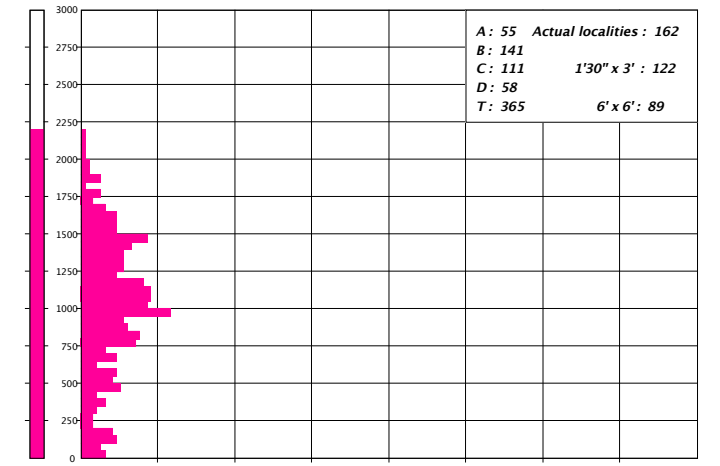
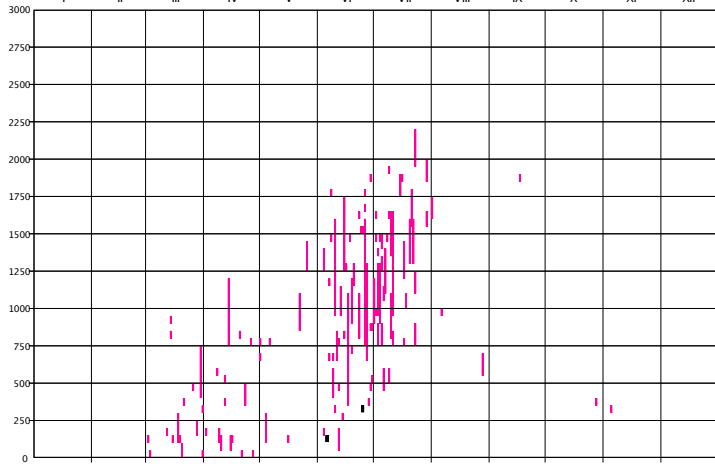
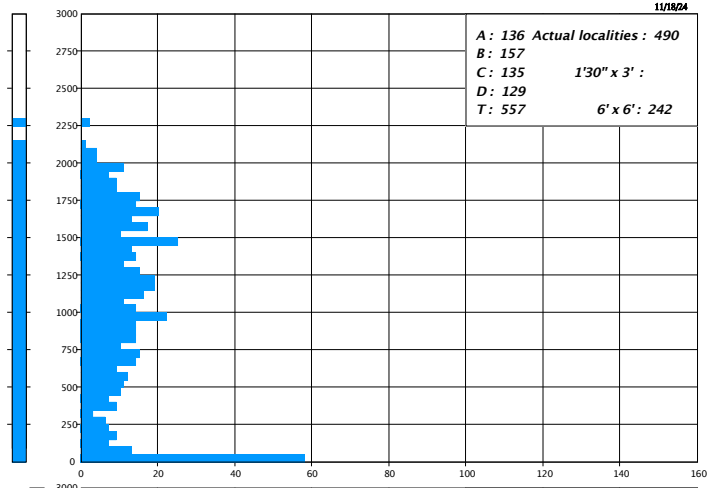
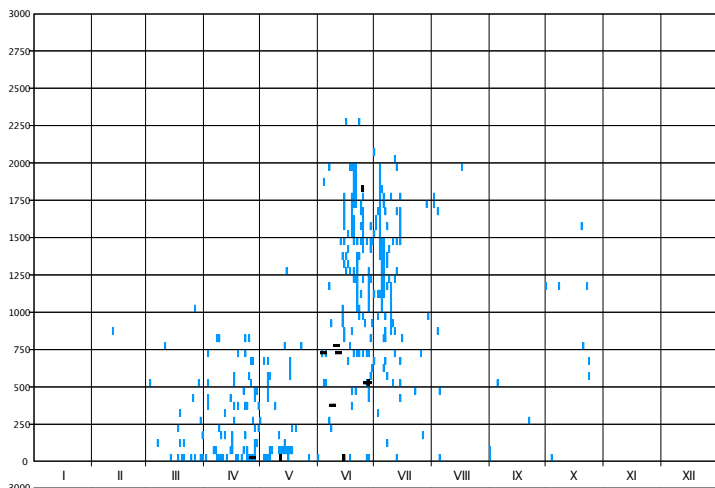
a : 1756
b : 14
b / a : 0.79%

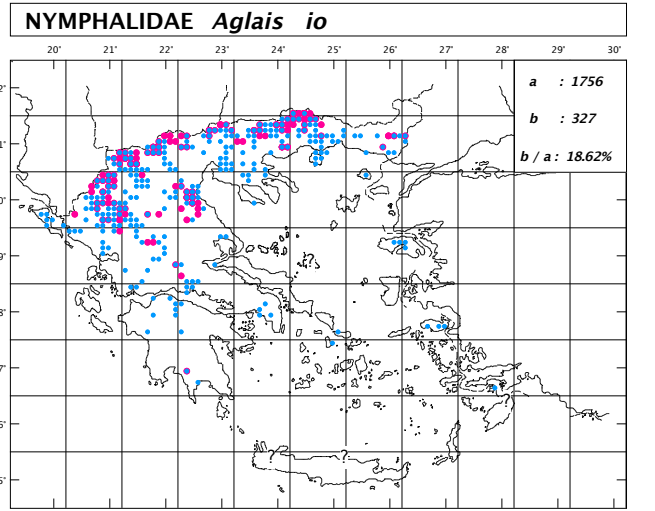
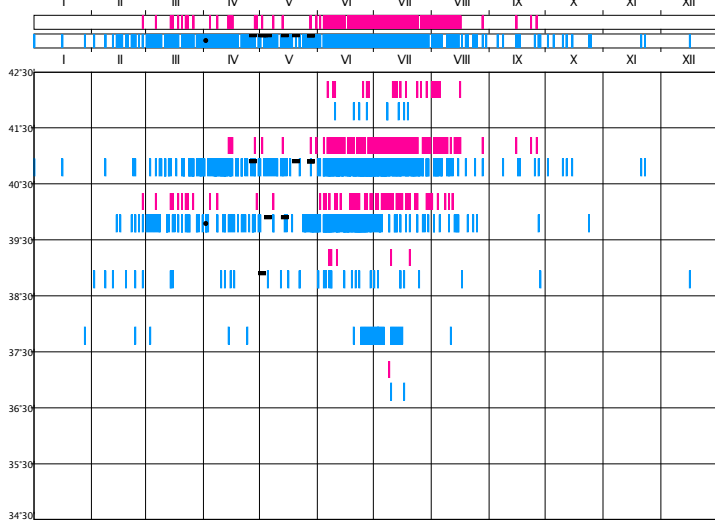
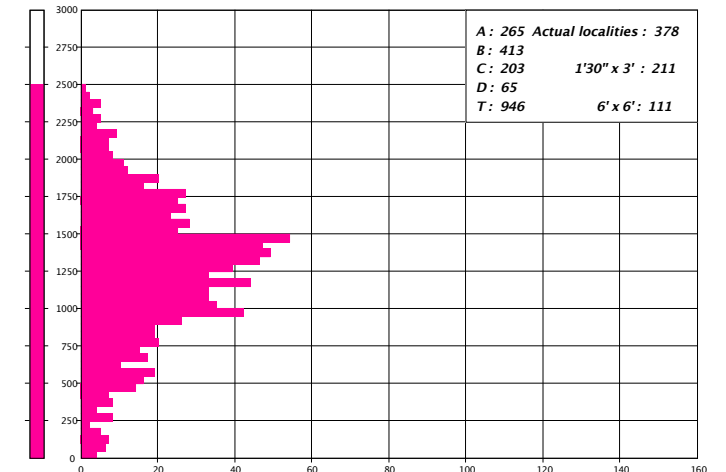
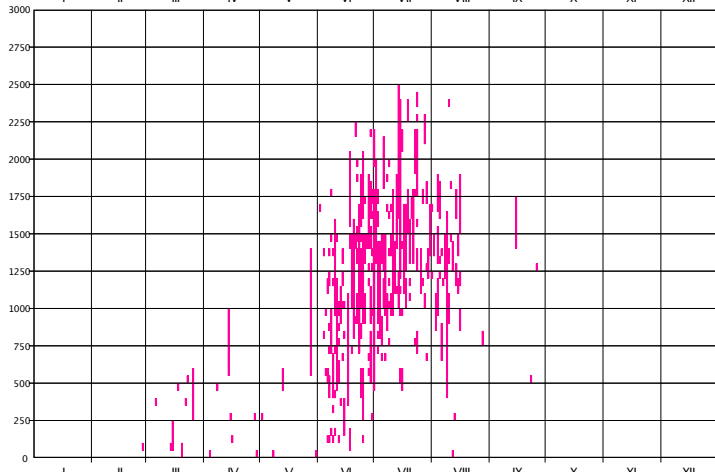
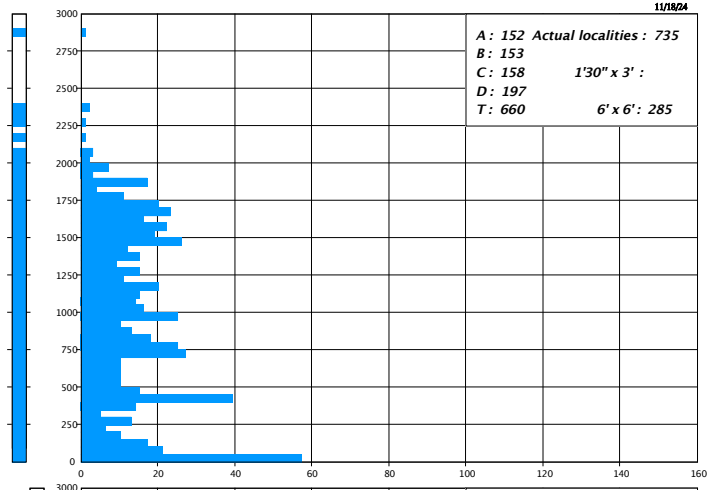
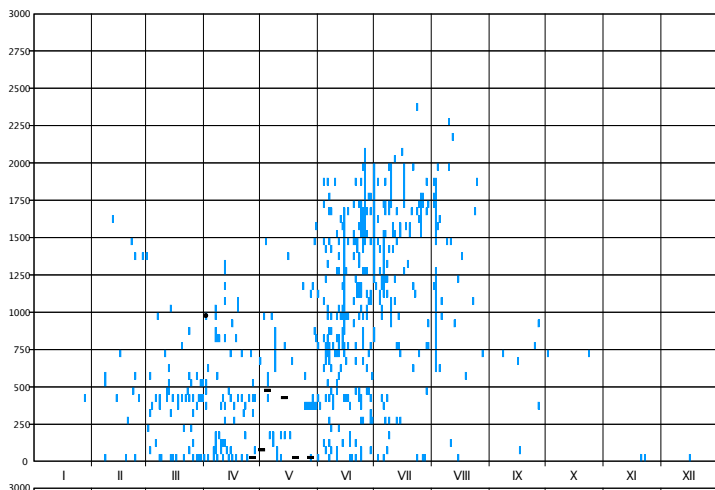


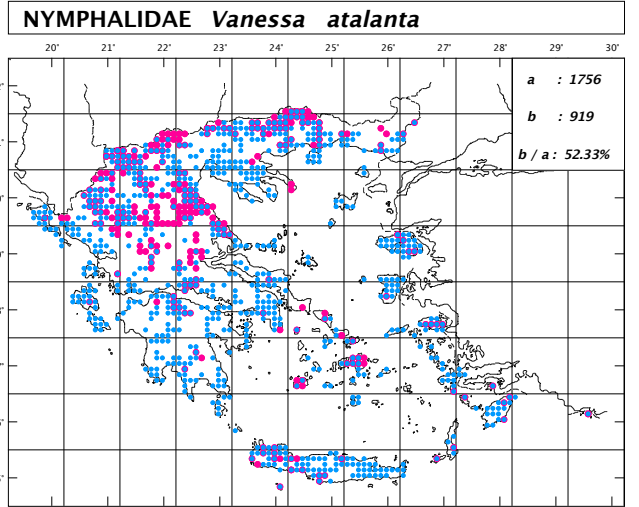
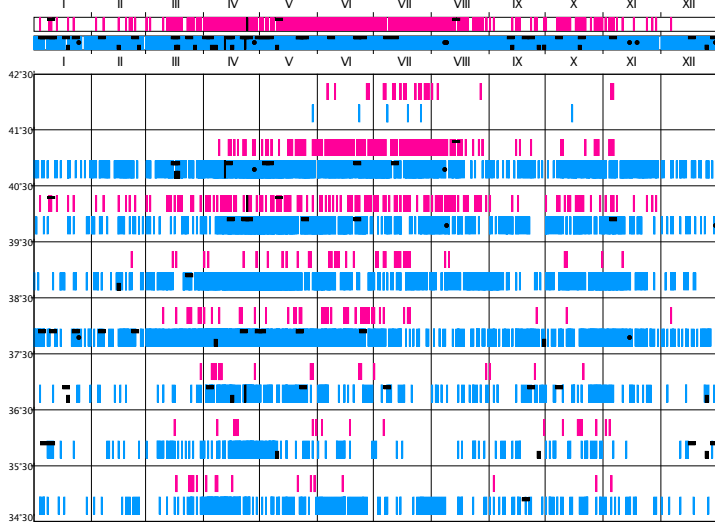
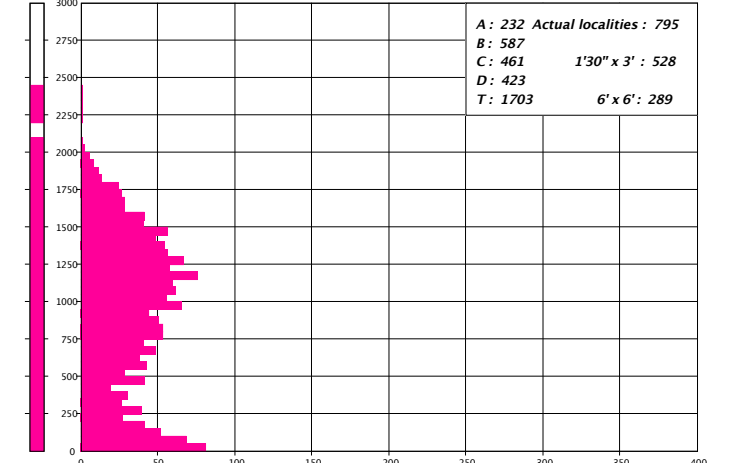
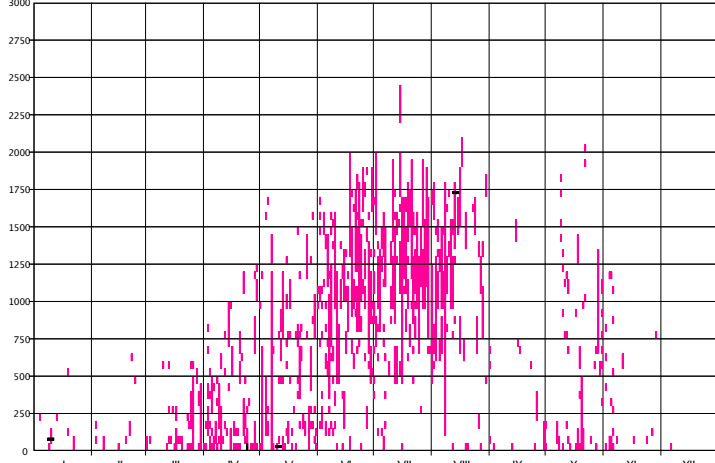
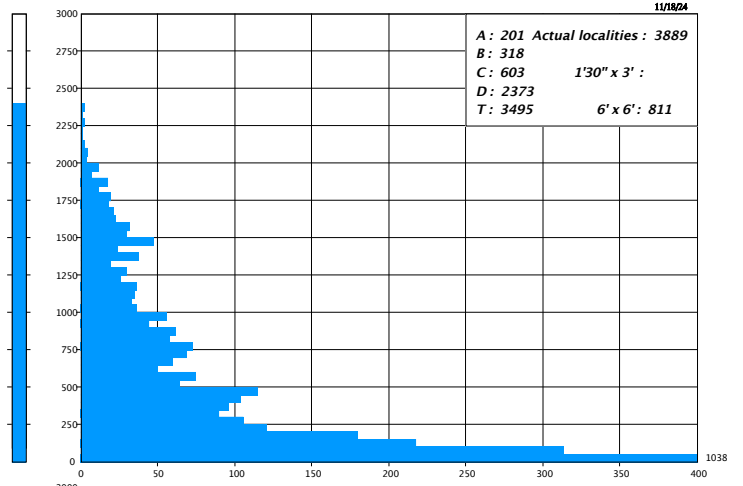
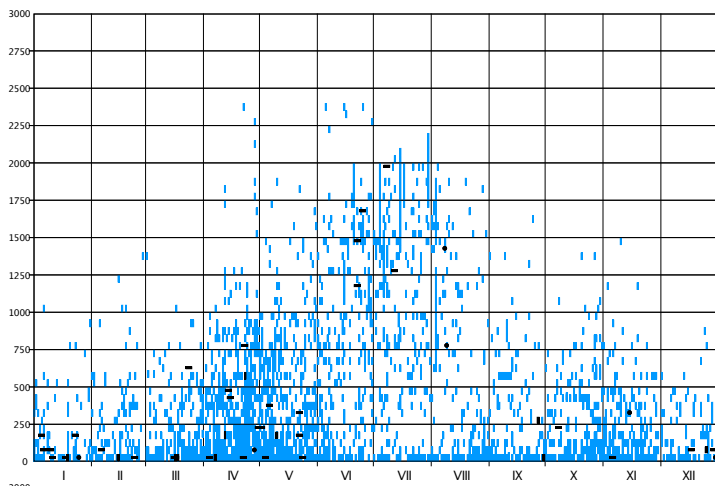
NYMPHALIDAE *Nymphalis xanthomelas*

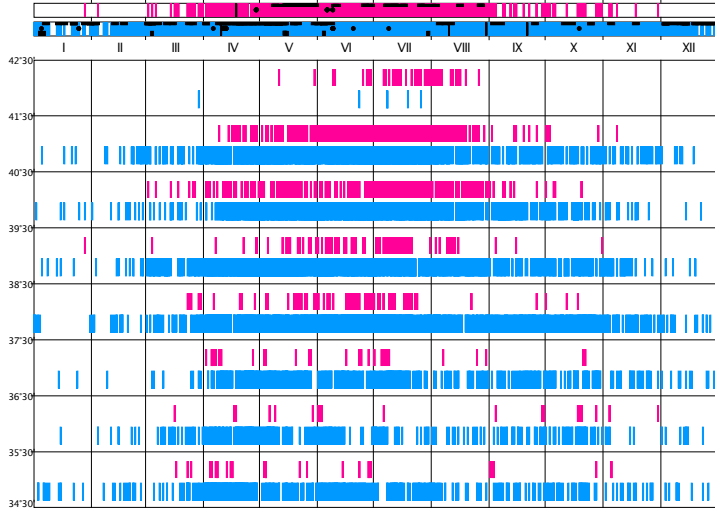
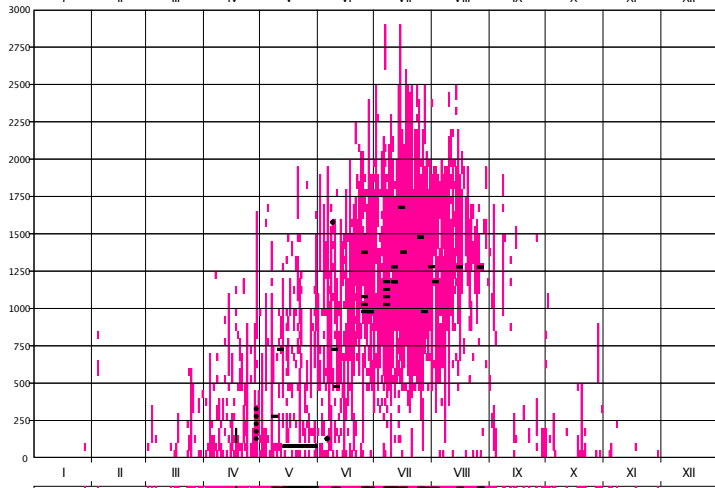
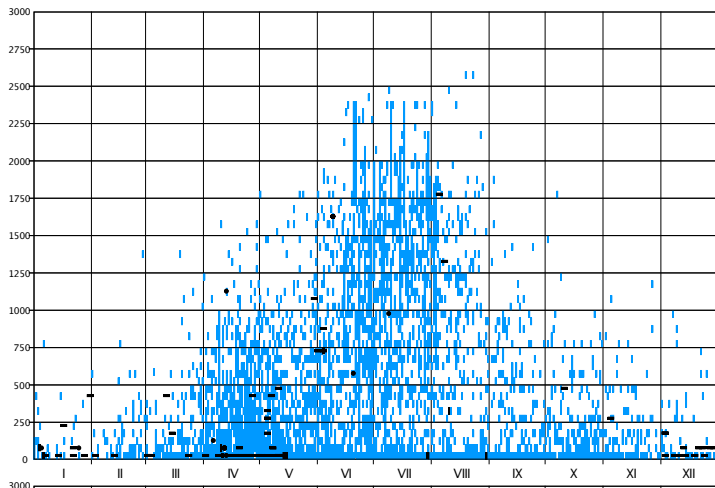


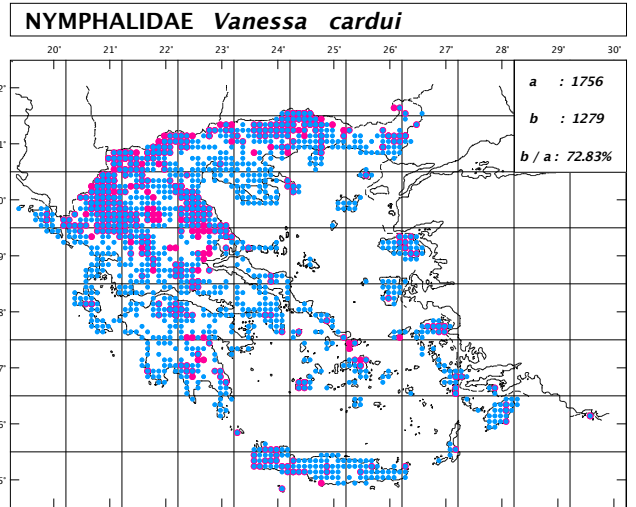
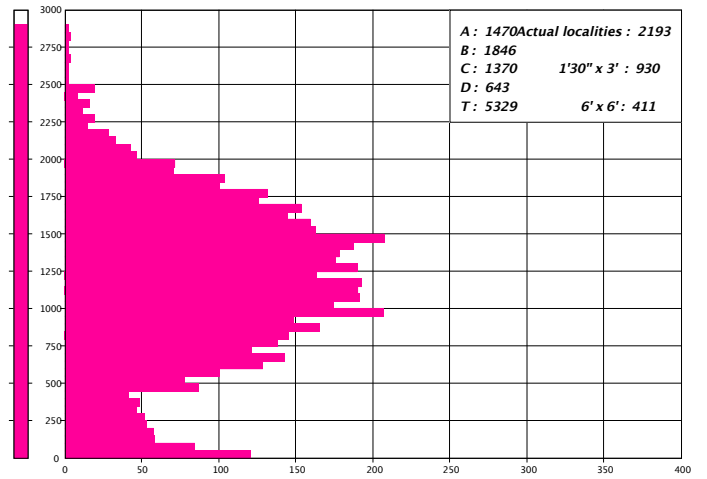
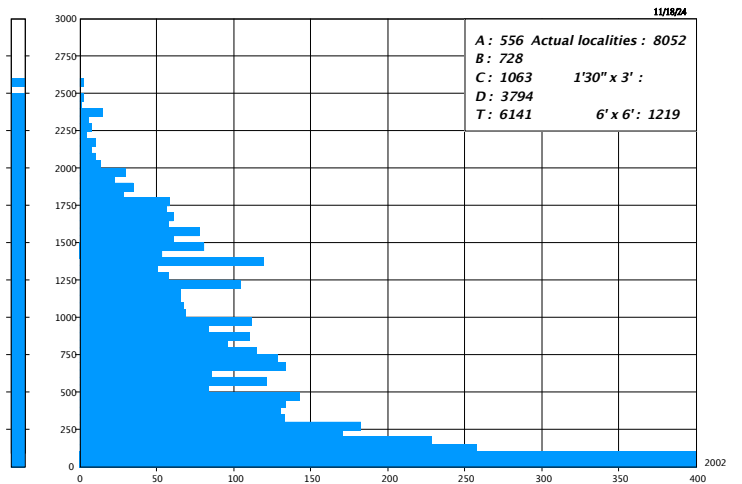


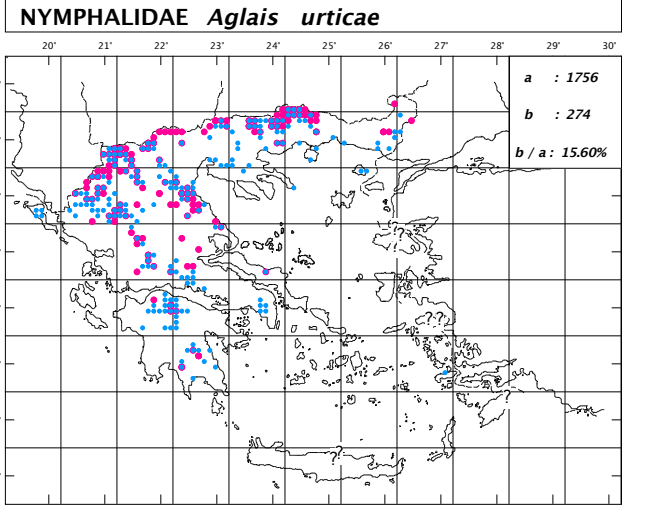
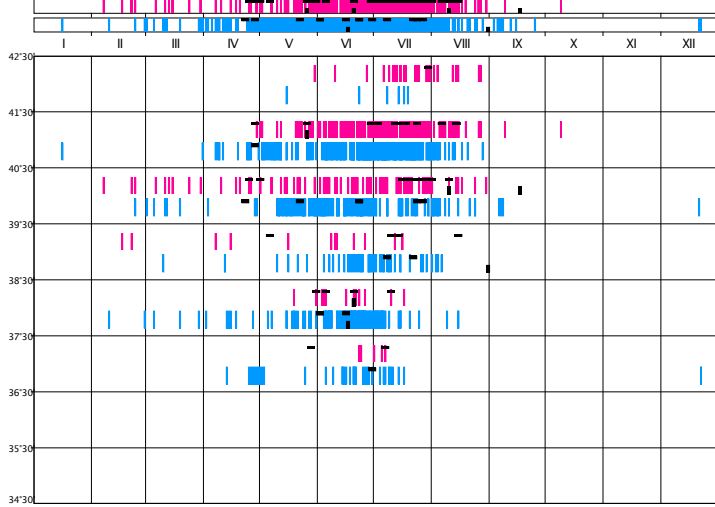
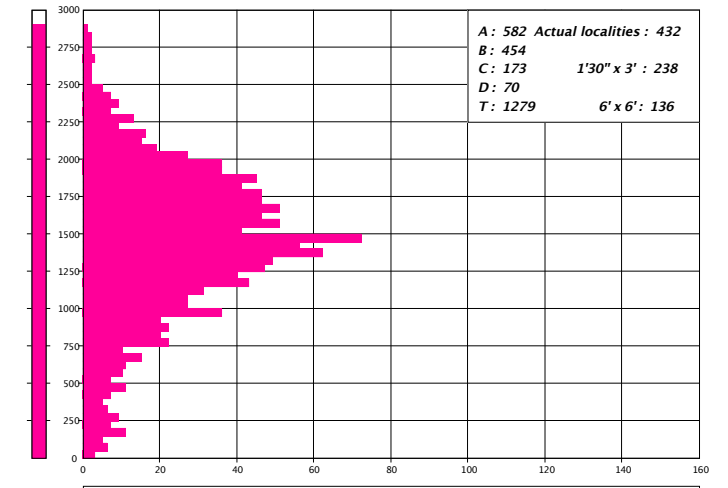
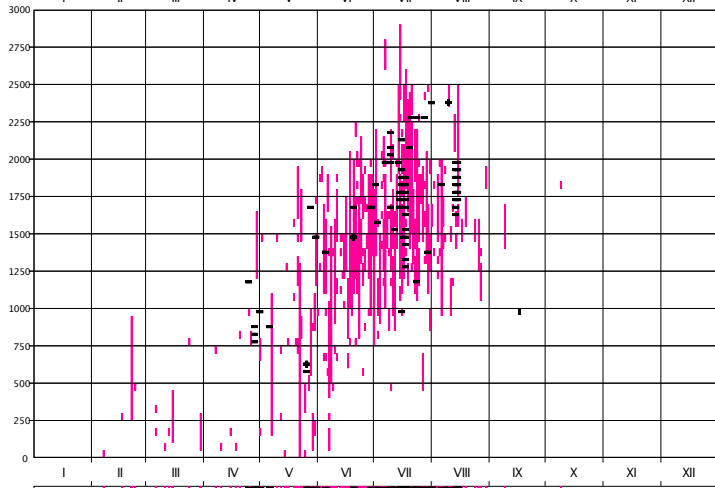
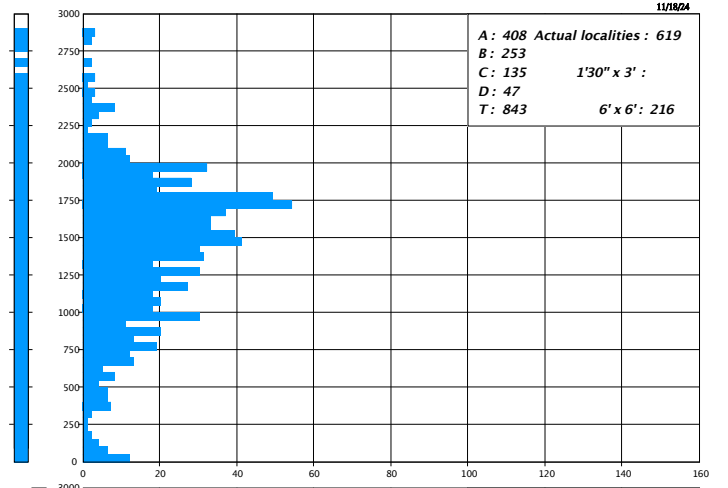
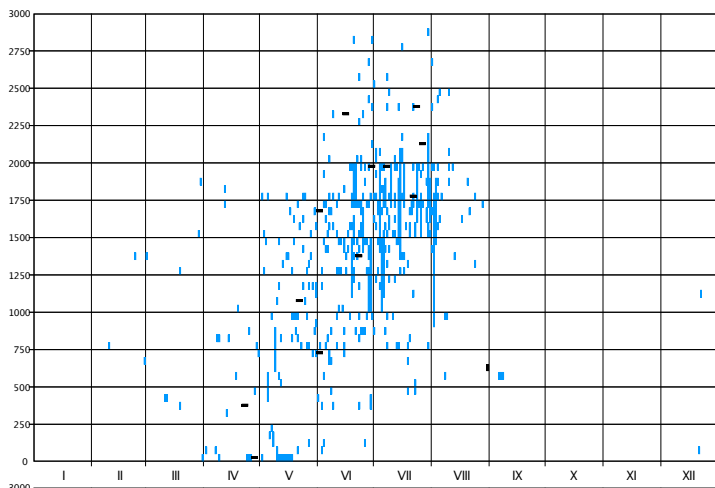


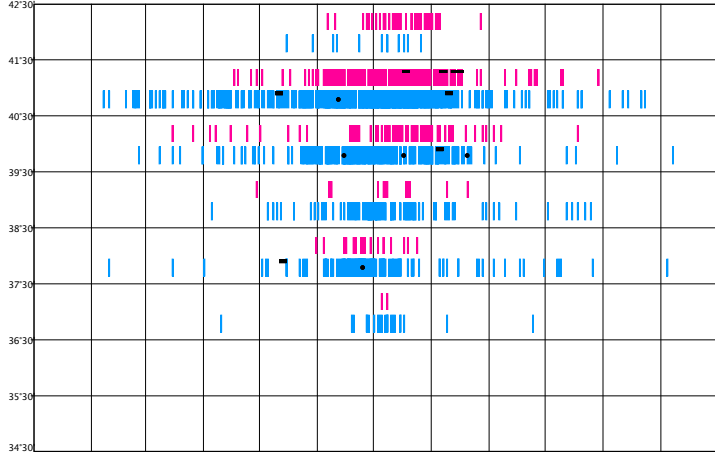
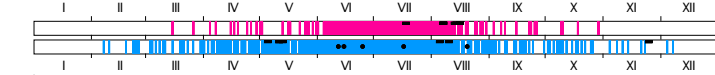
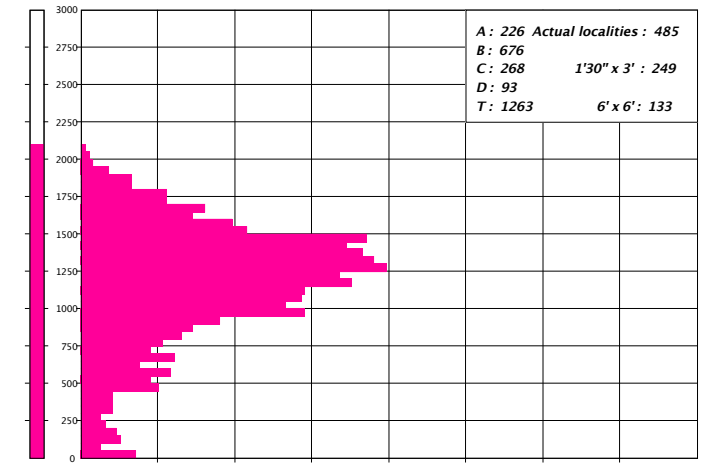
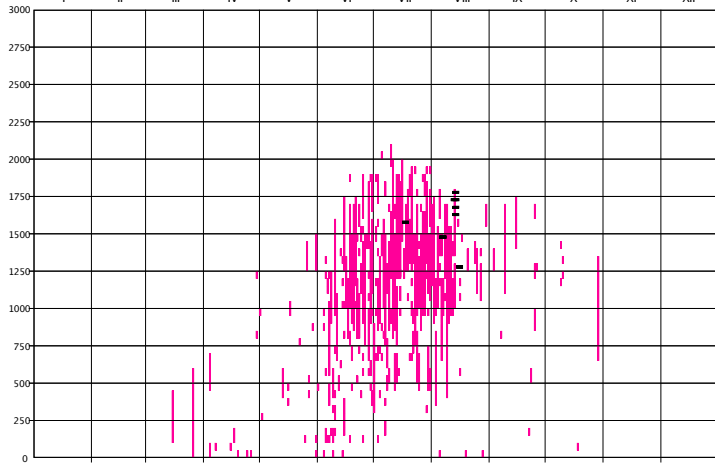
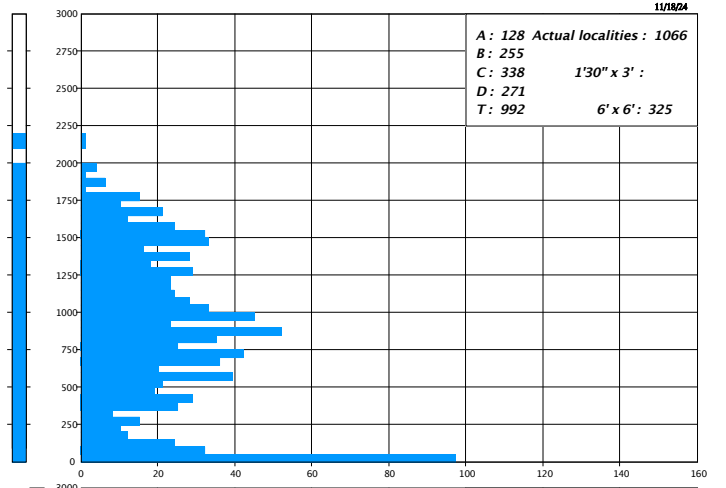
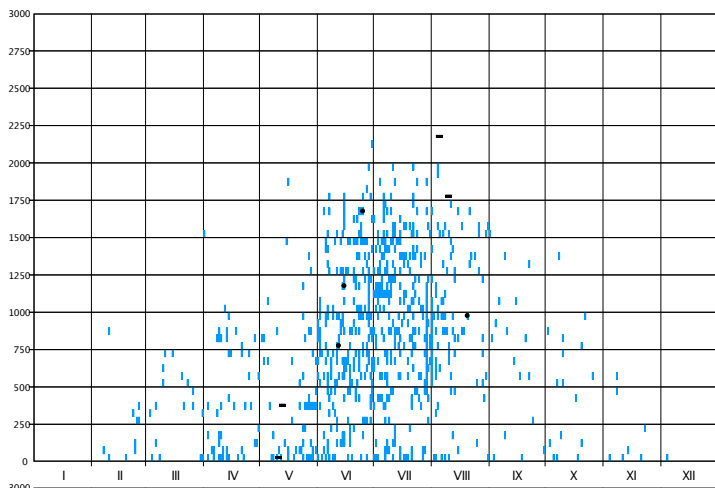




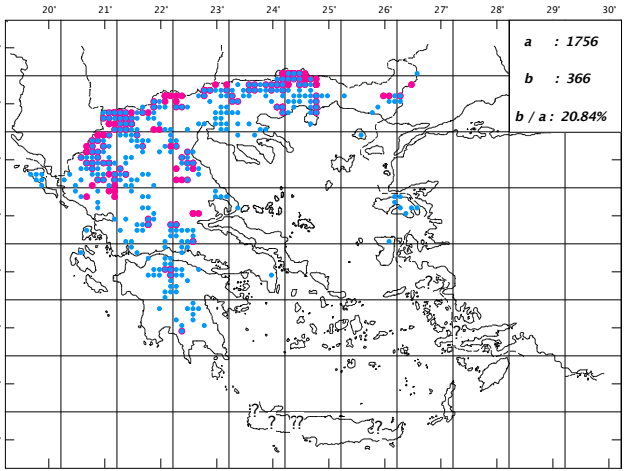


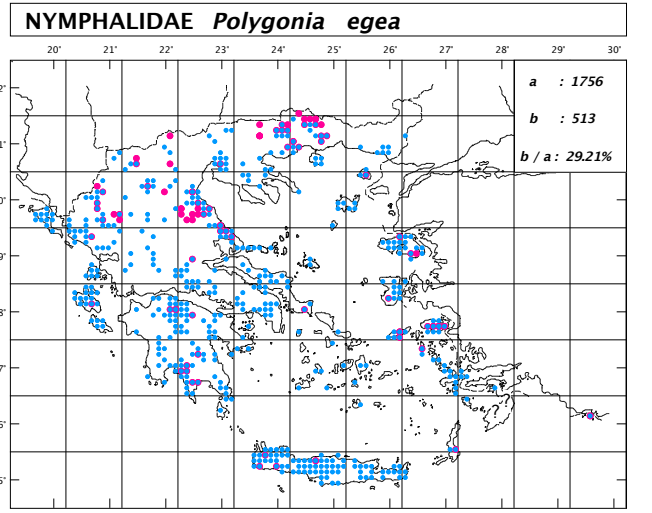
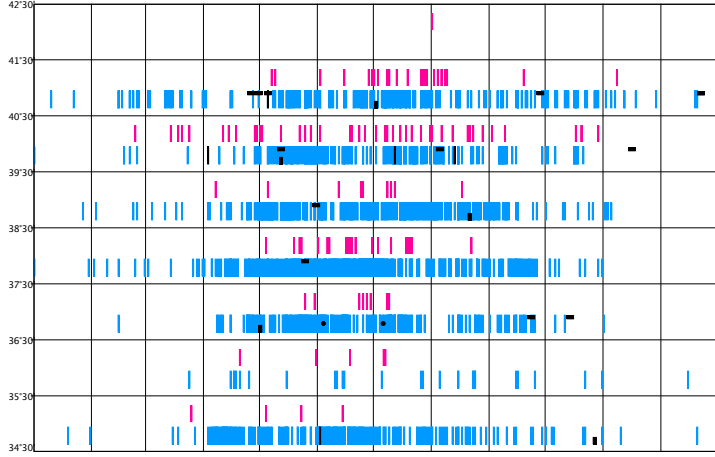
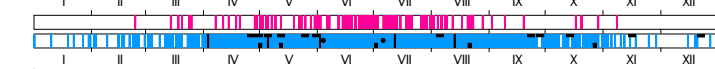
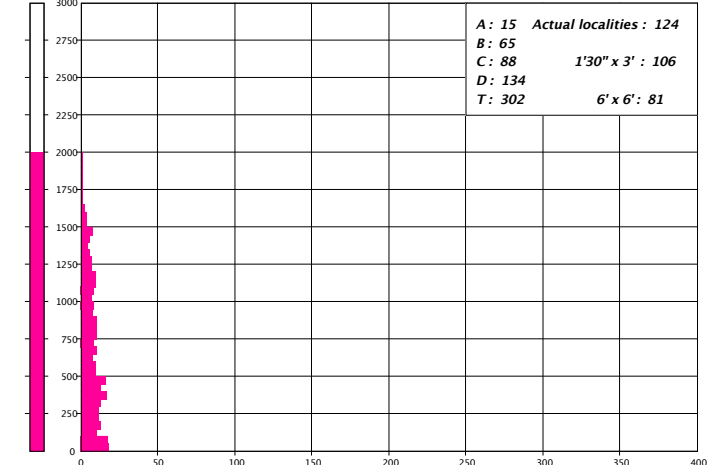
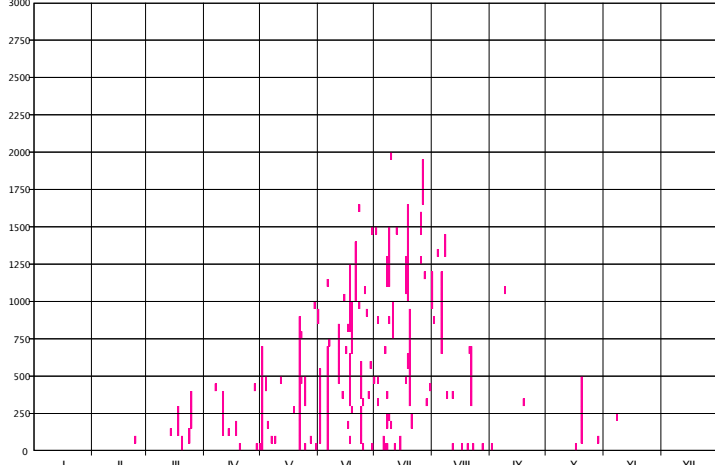
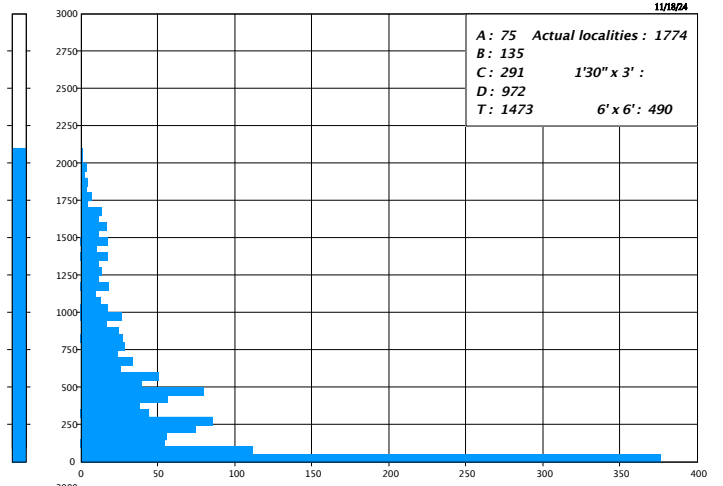
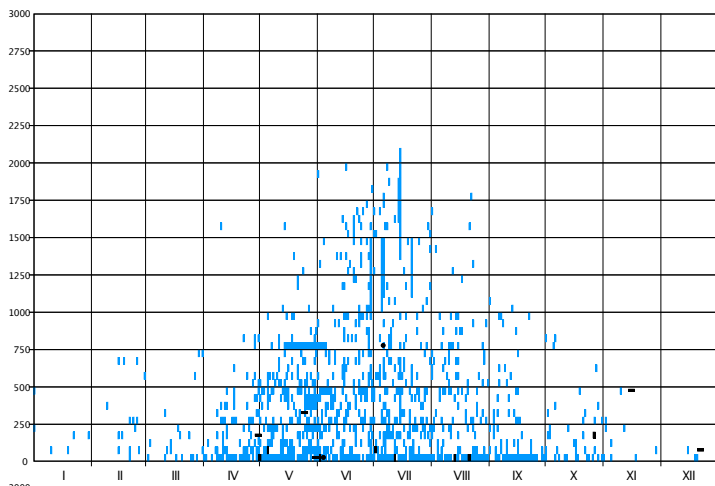


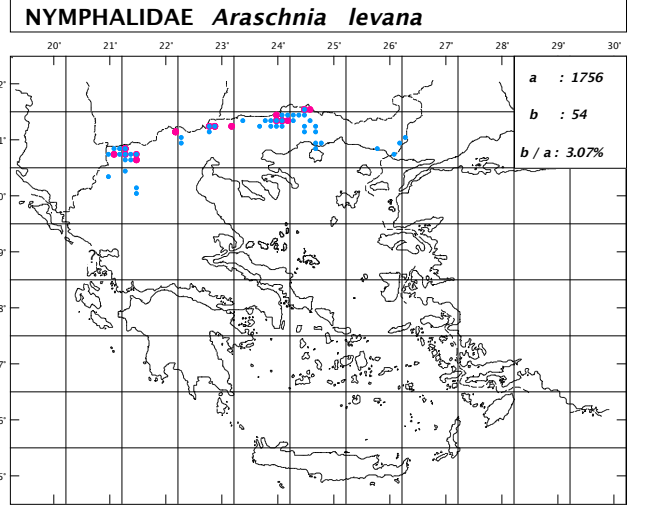
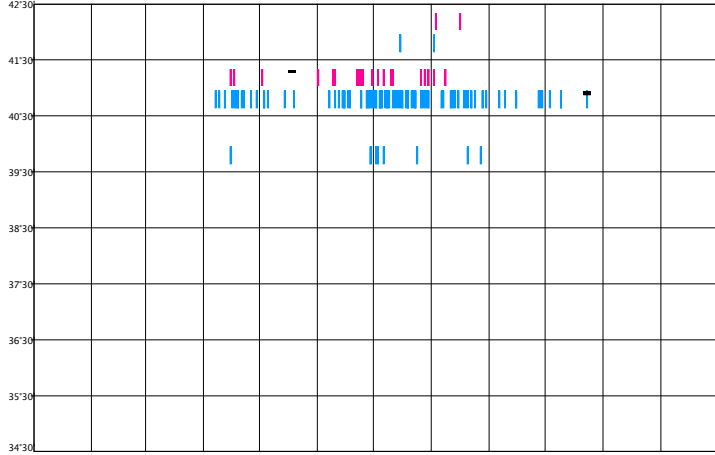
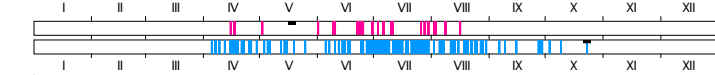
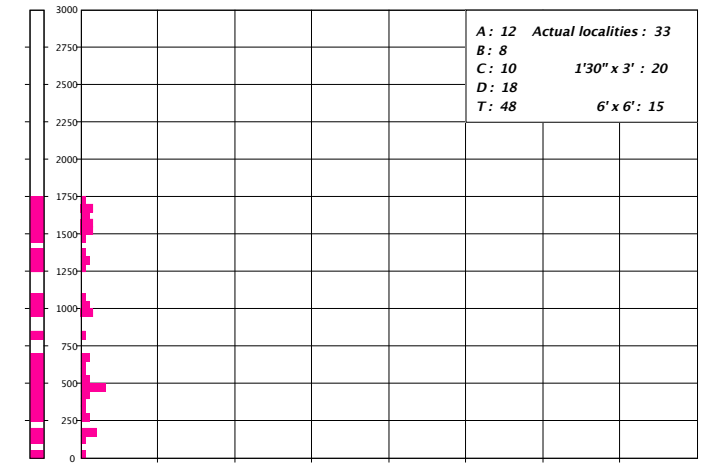
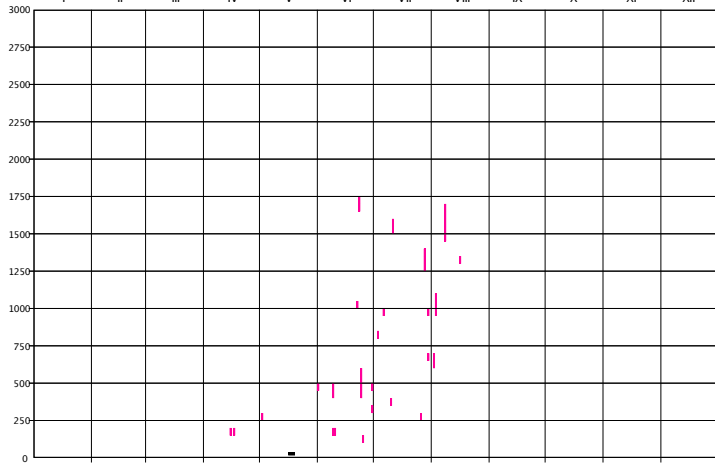
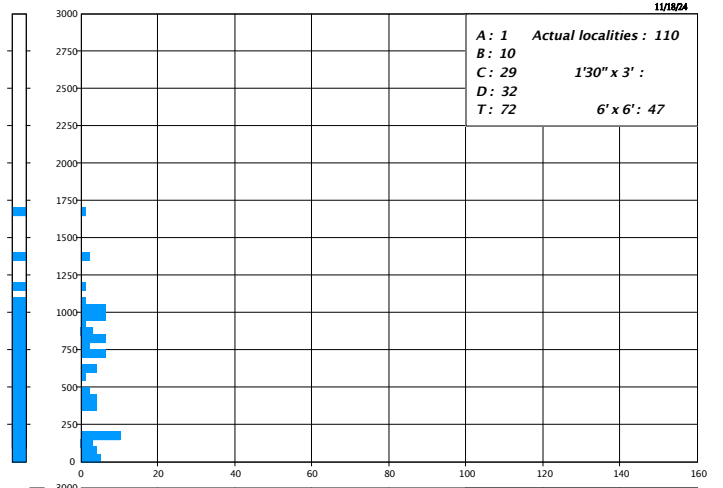
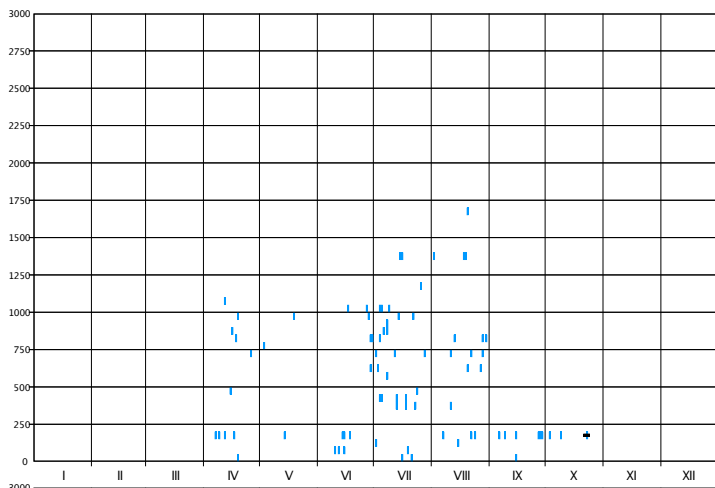


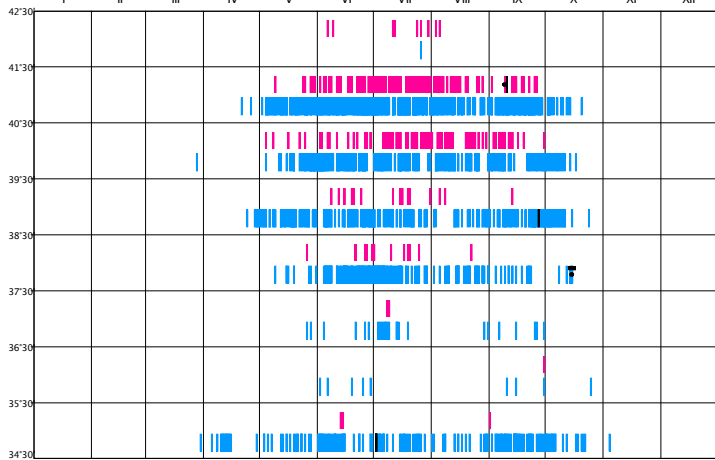
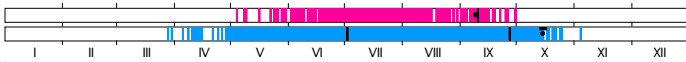
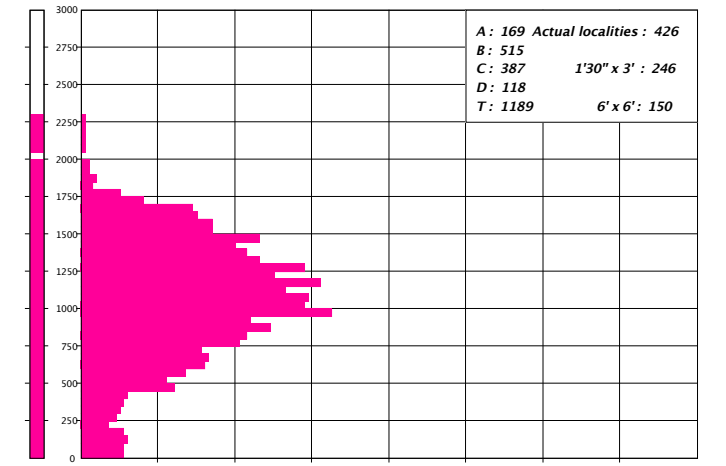
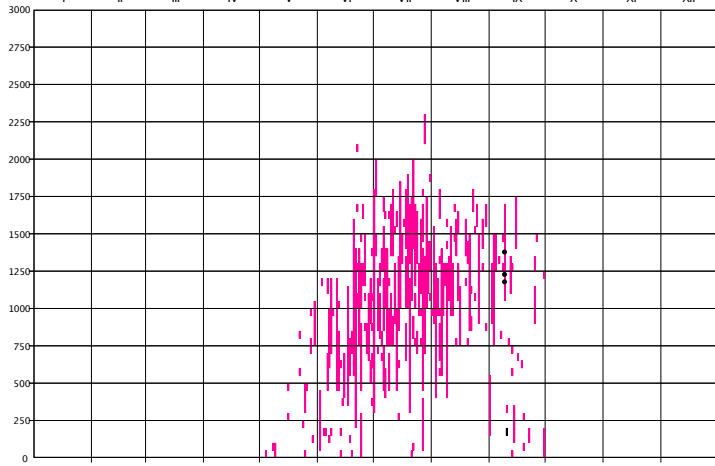
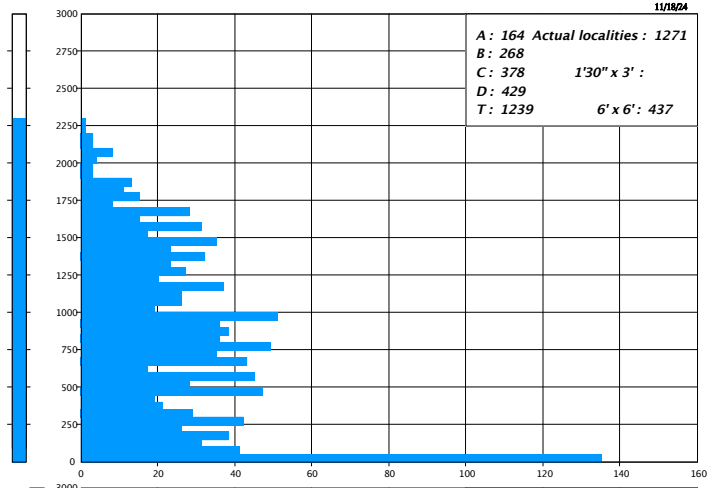
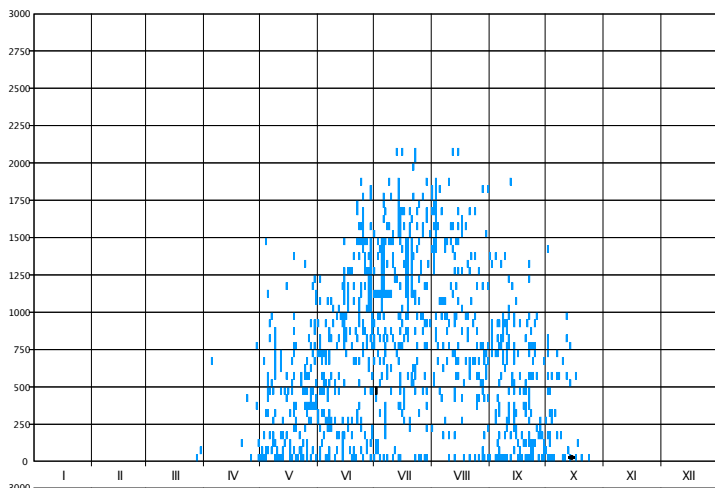


NYMPHALIDAE *Polygonia c-album*

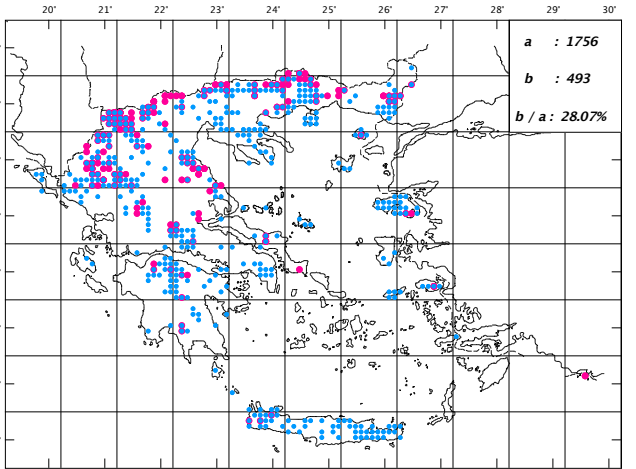


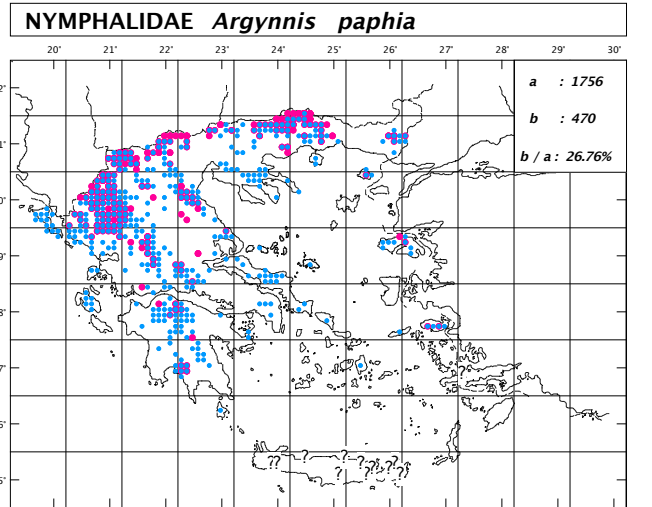
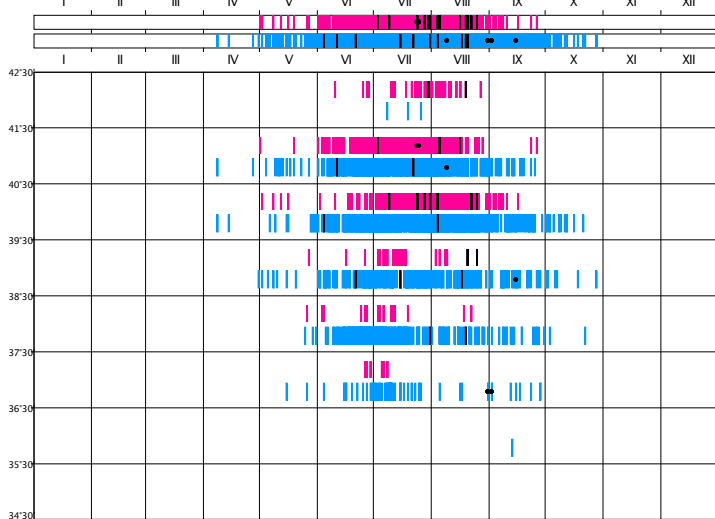
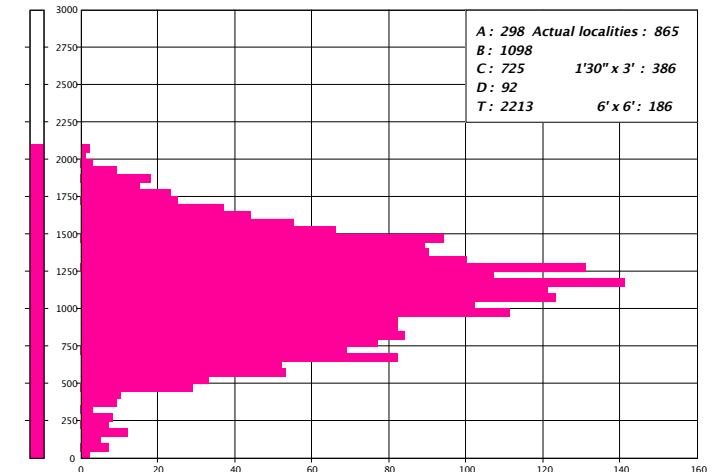
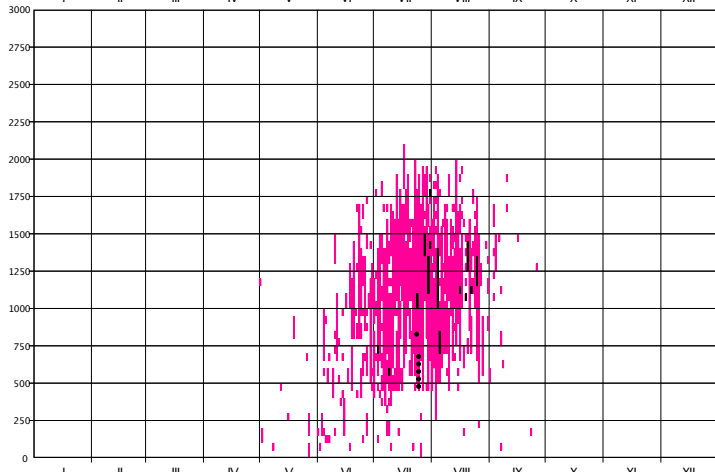
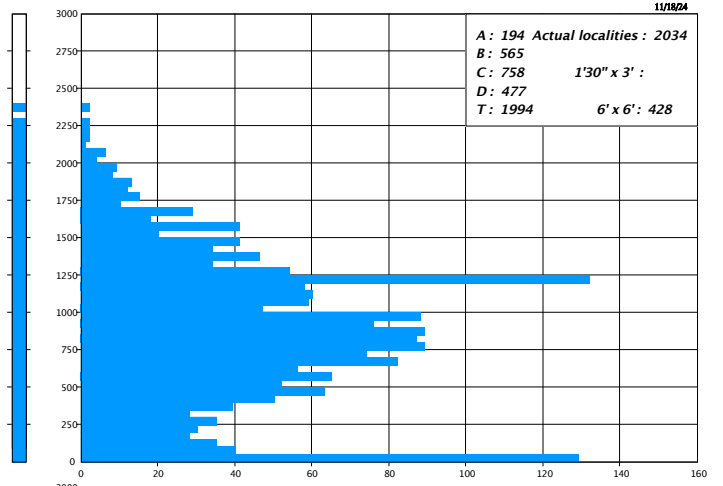
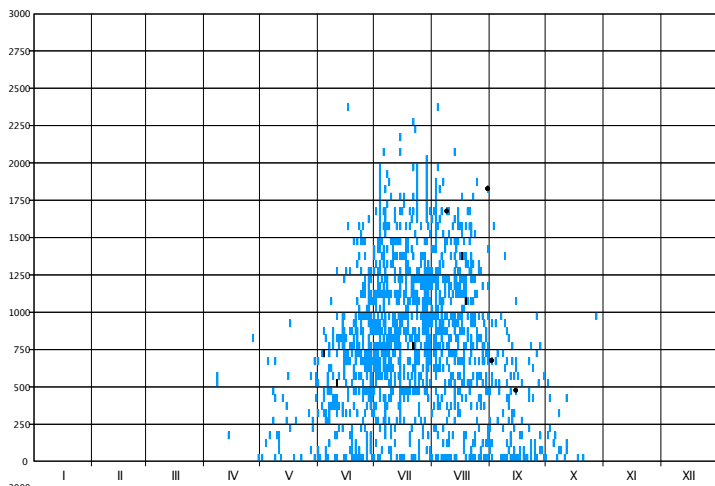


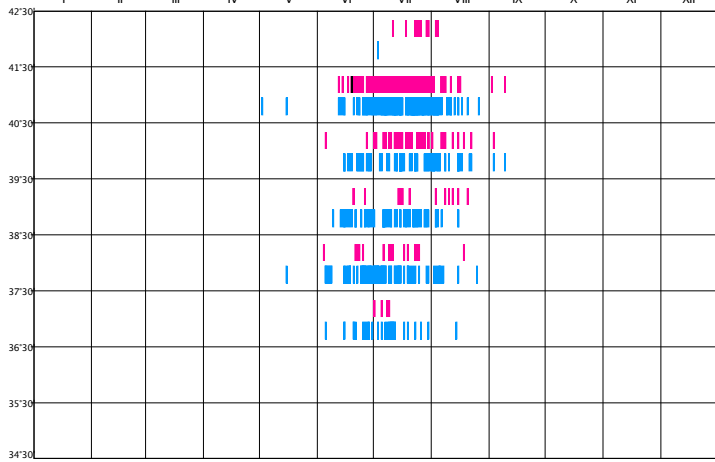
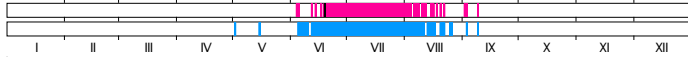
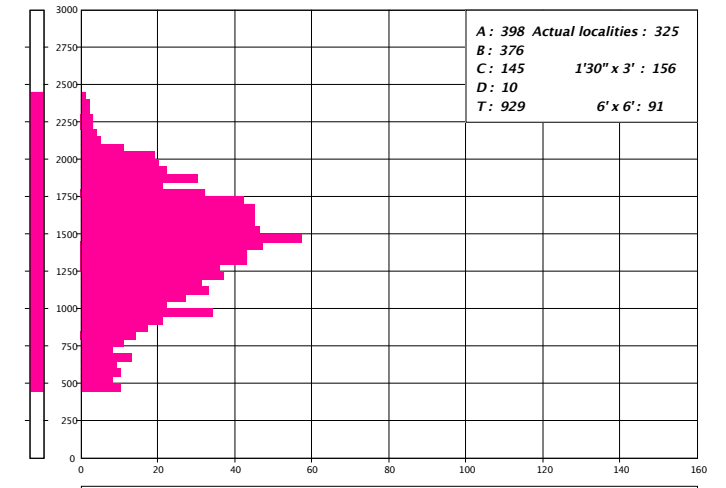
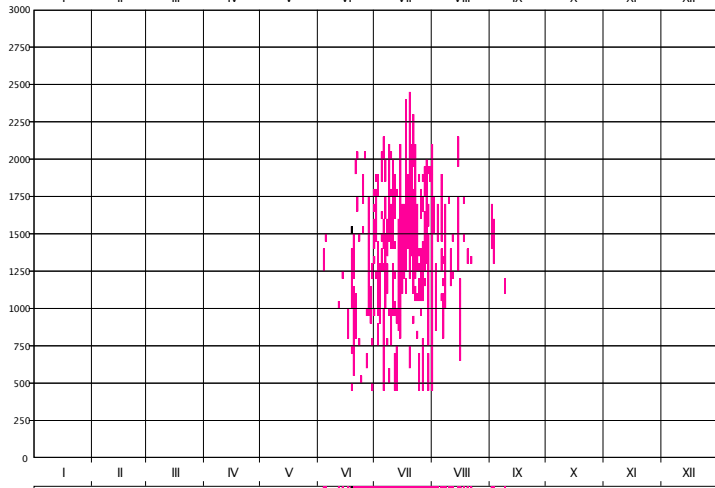
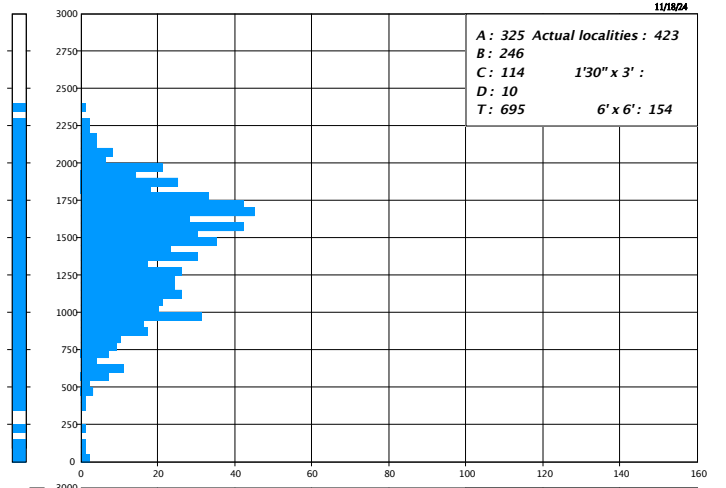
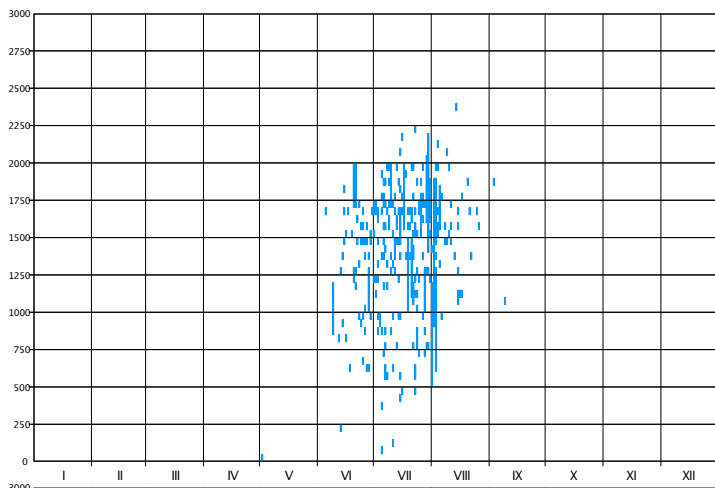




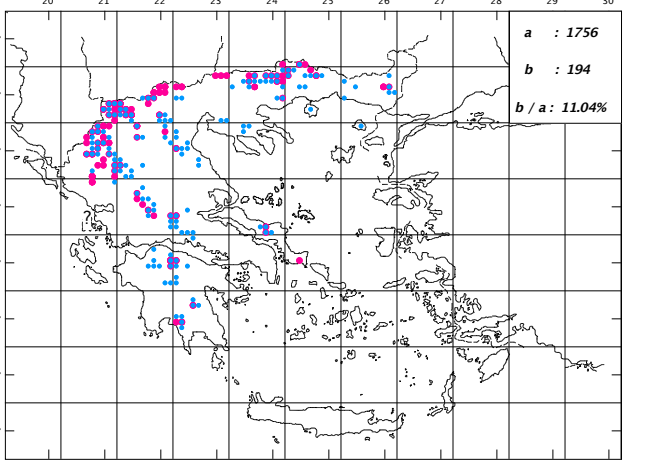
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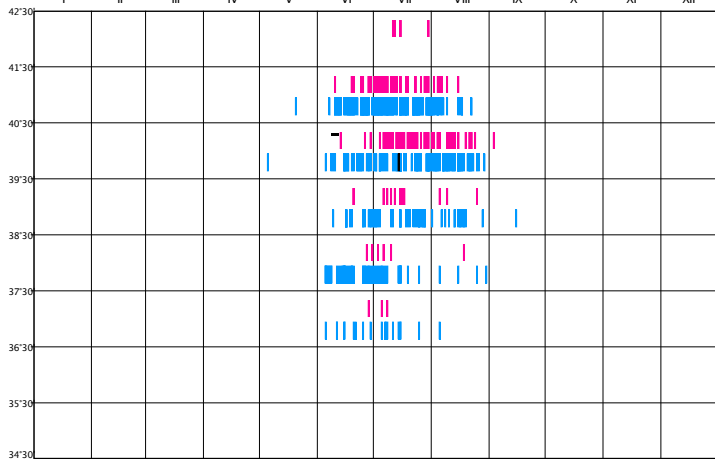
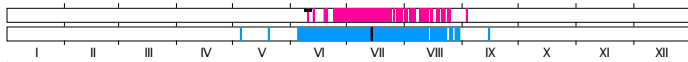
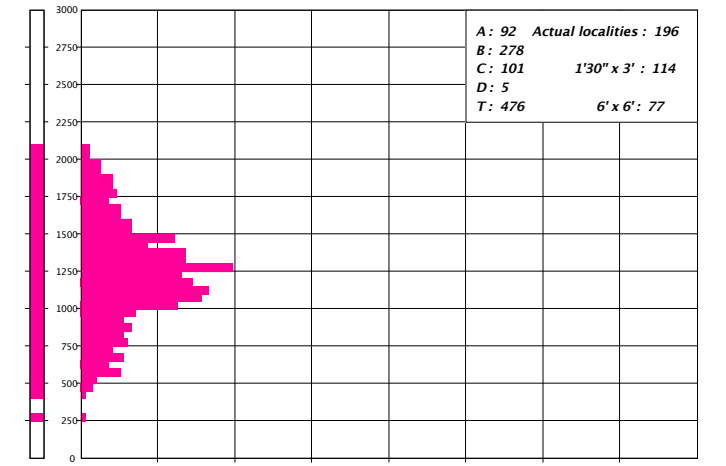
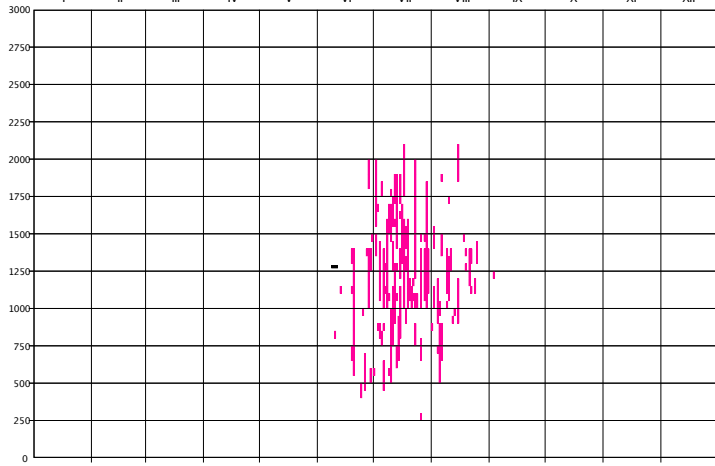
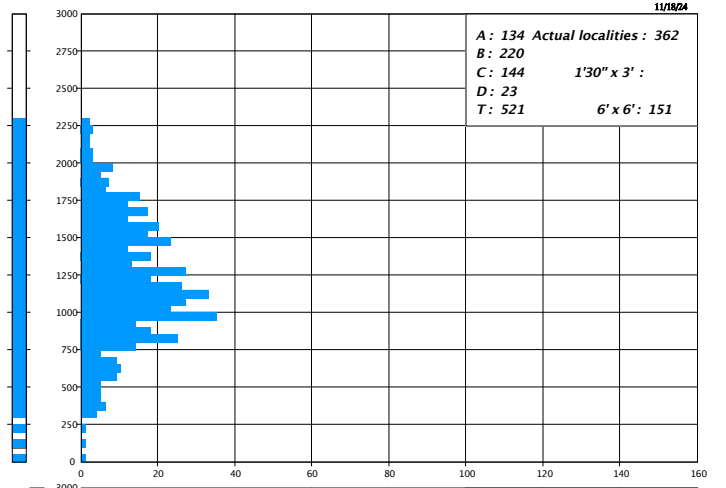
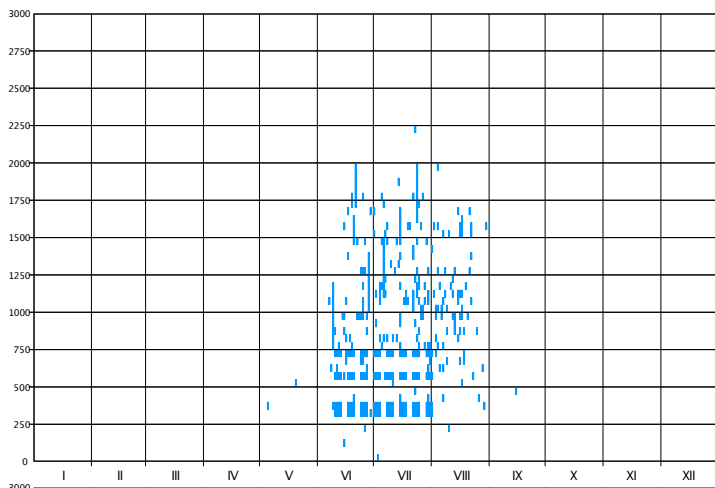




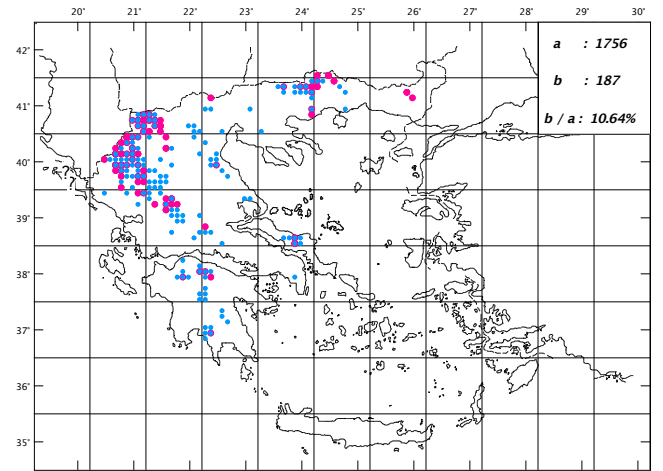


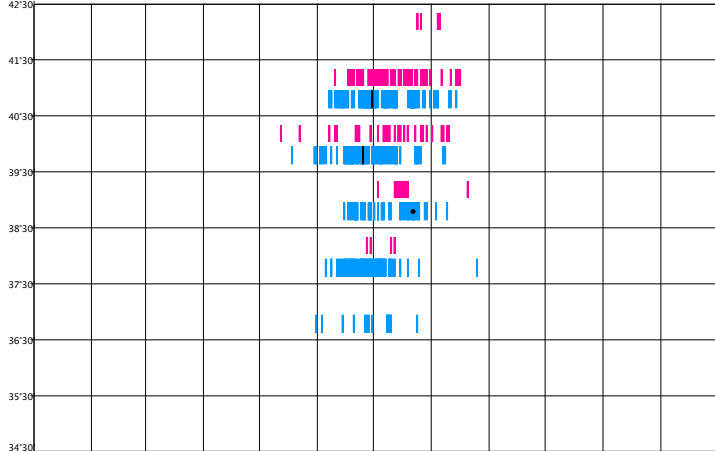
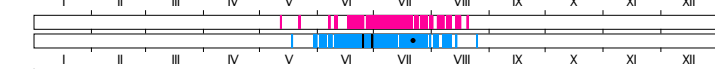
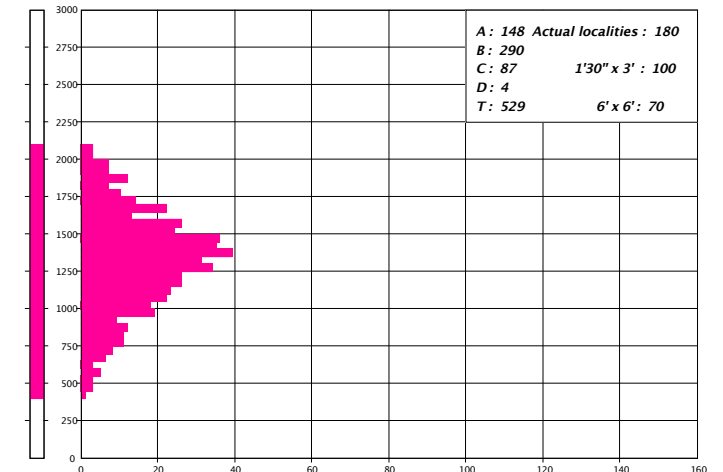
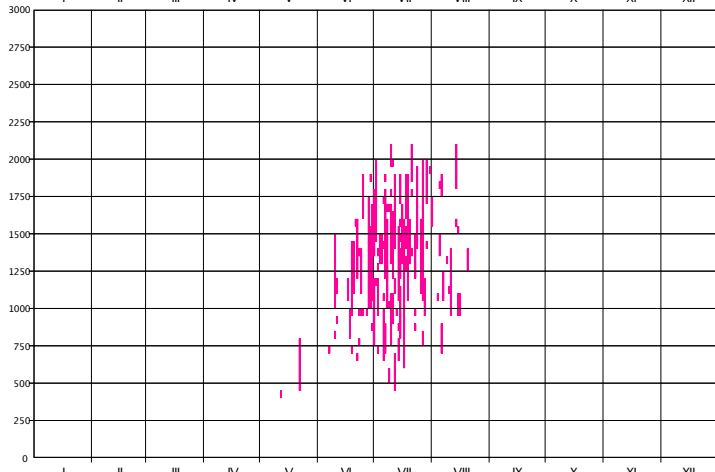
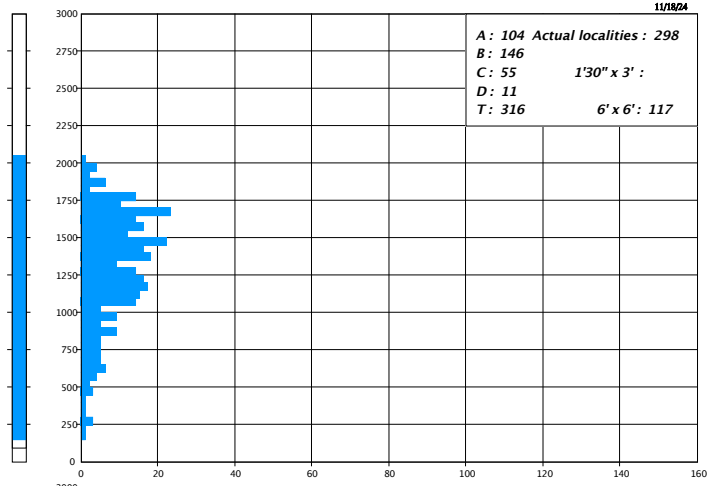
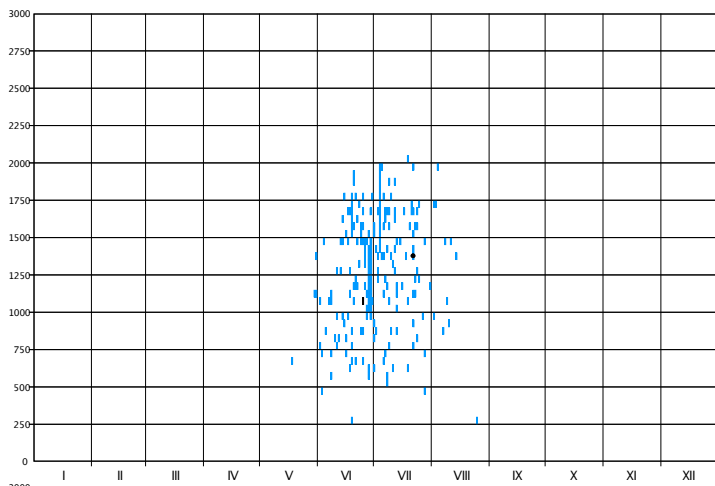
NYMPHALIDAE *Speyeria aglaja*



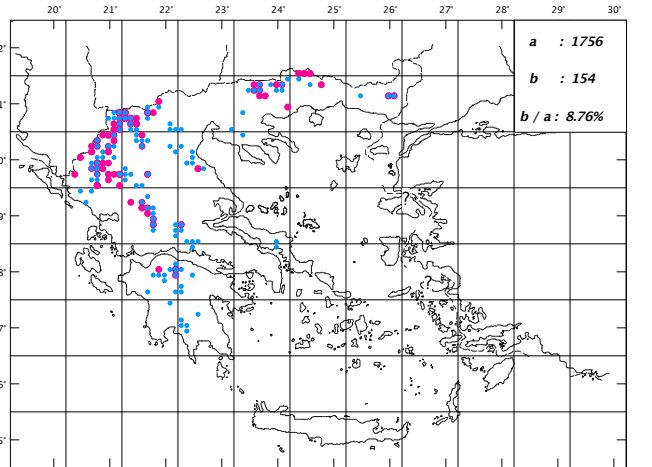


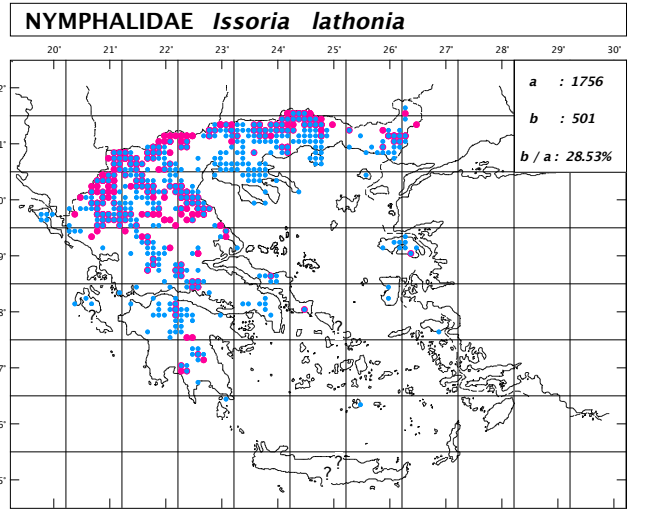
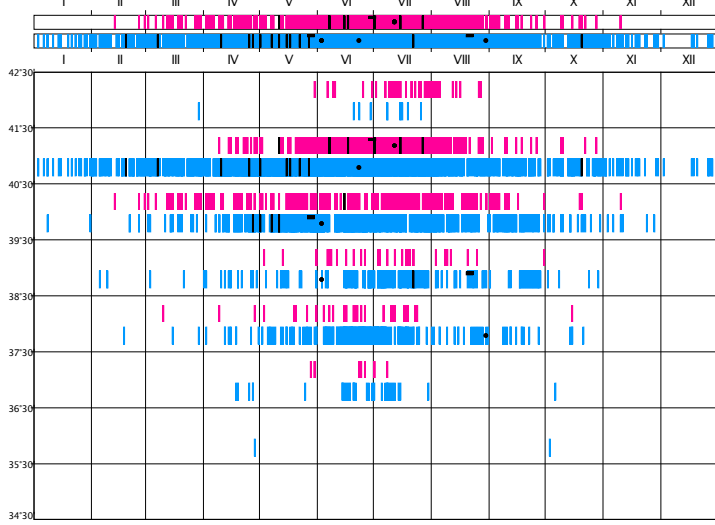
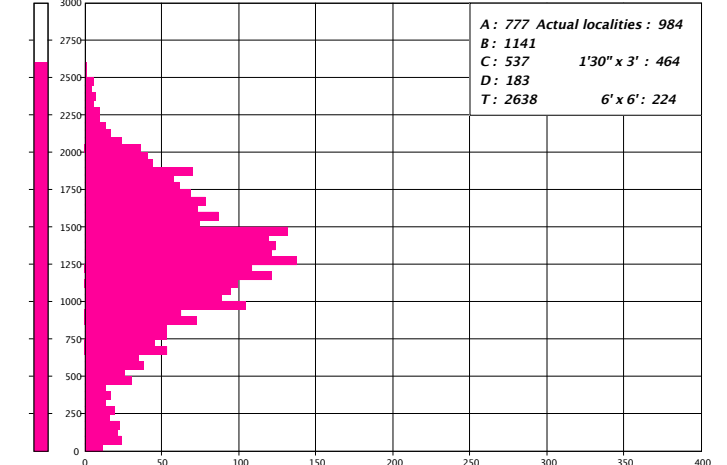
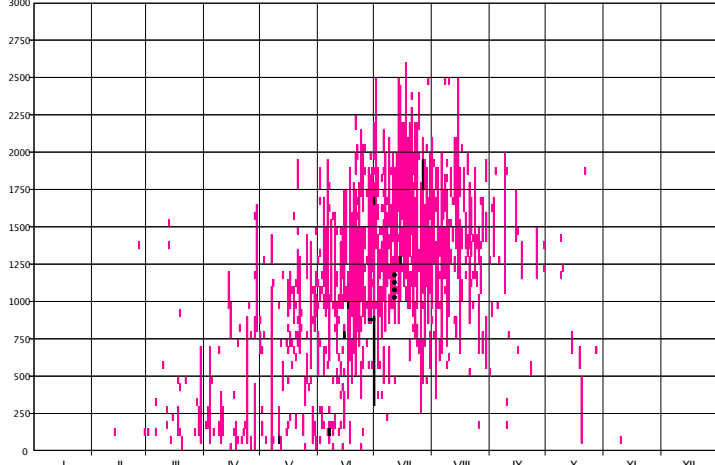
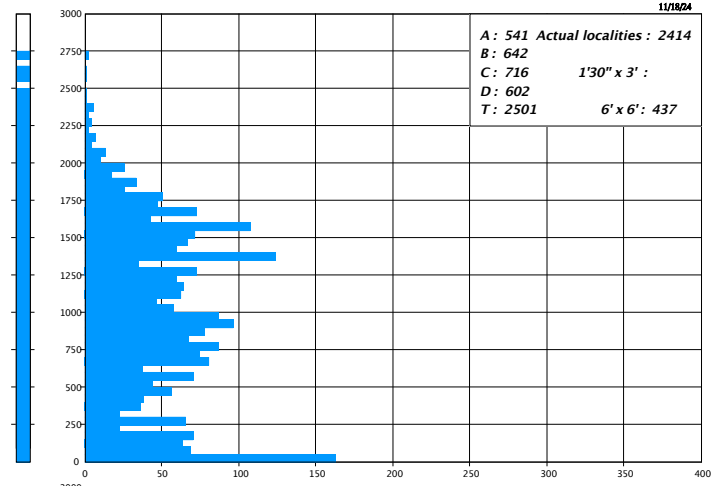
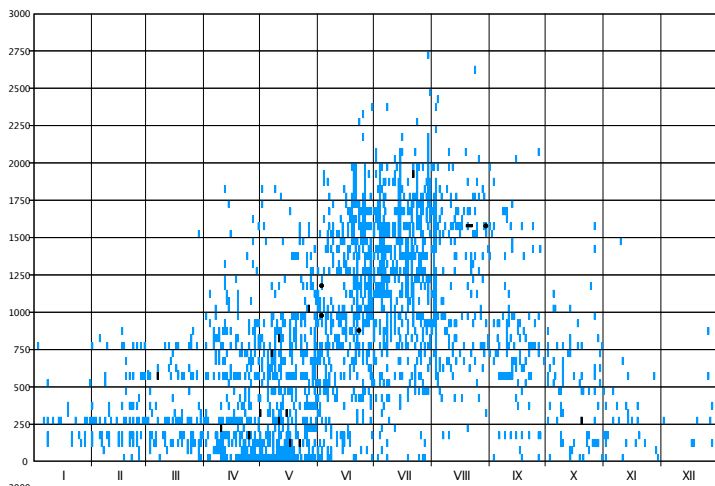
NYMPHALIDAE *Fabriciana adippe*

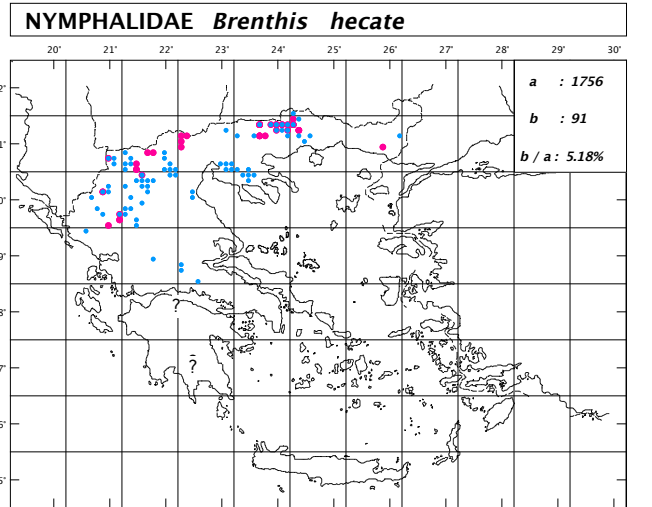
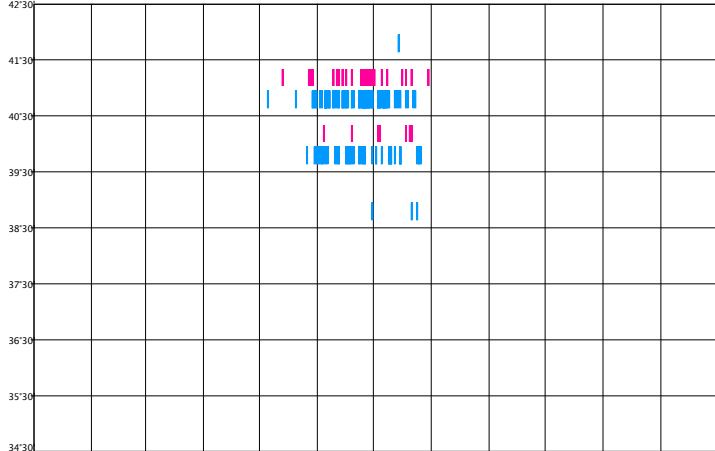
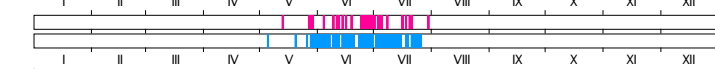
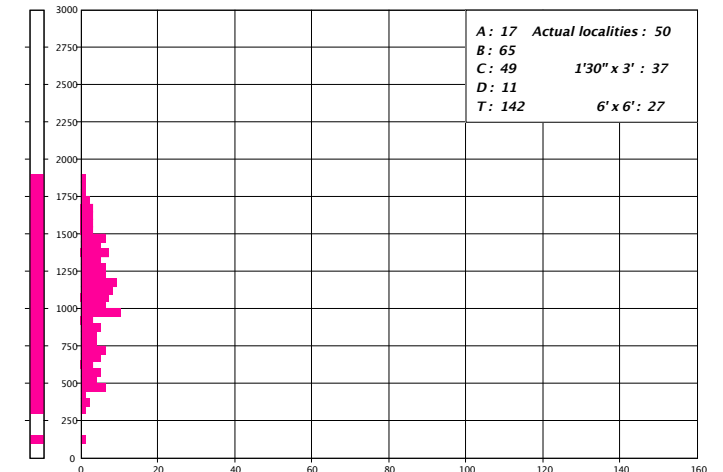
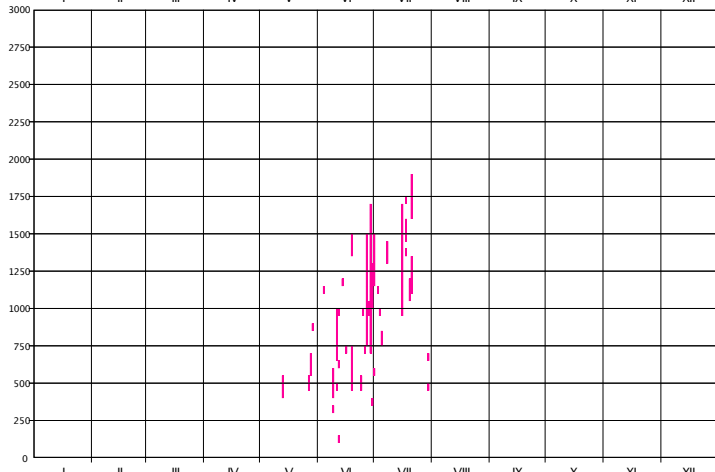
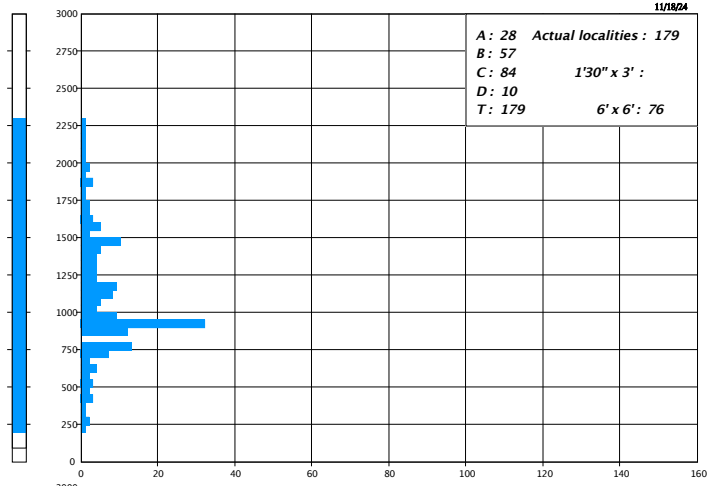
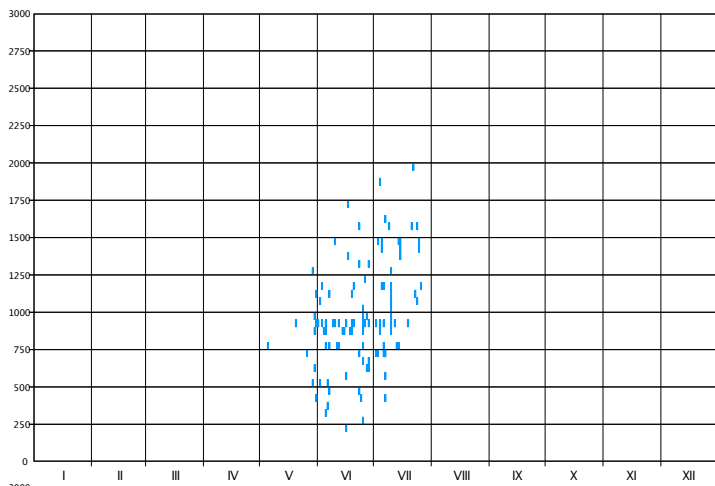


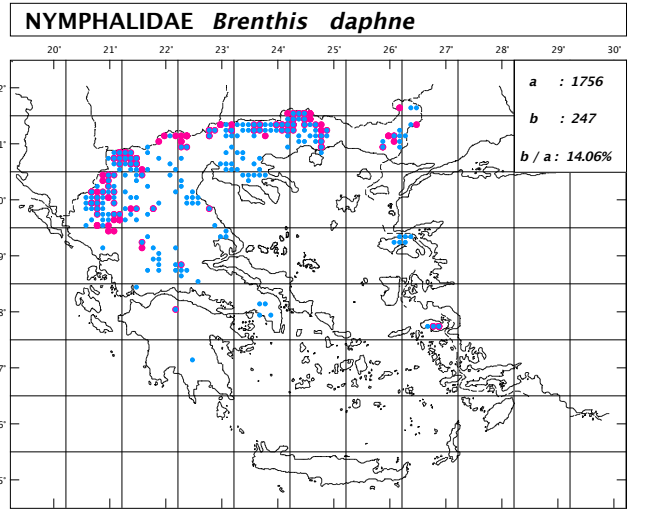
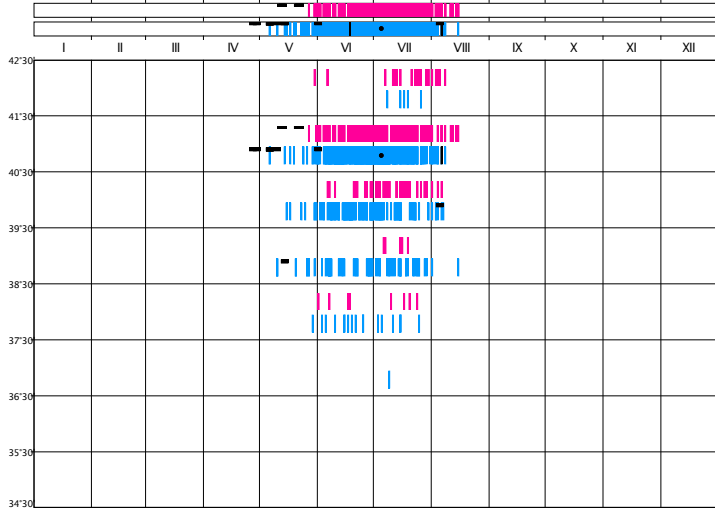
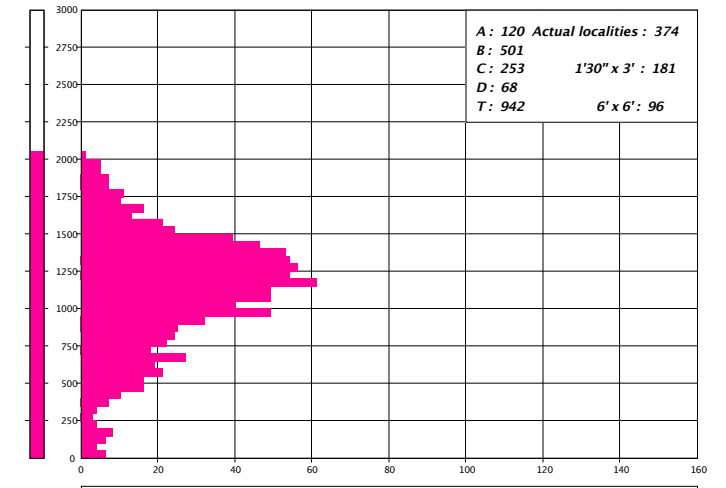
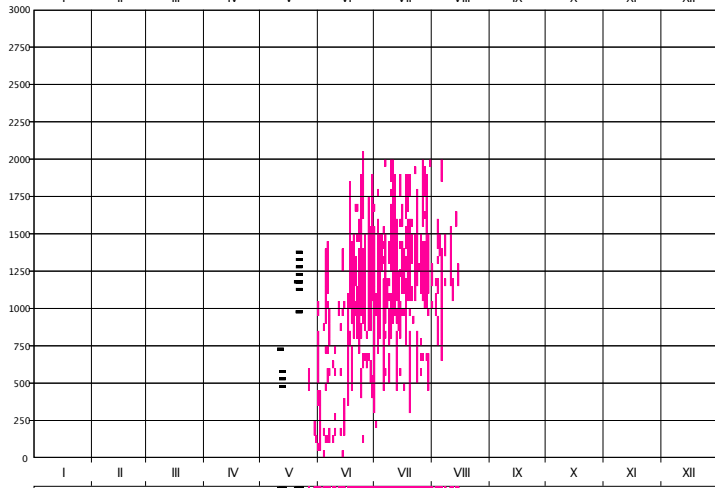
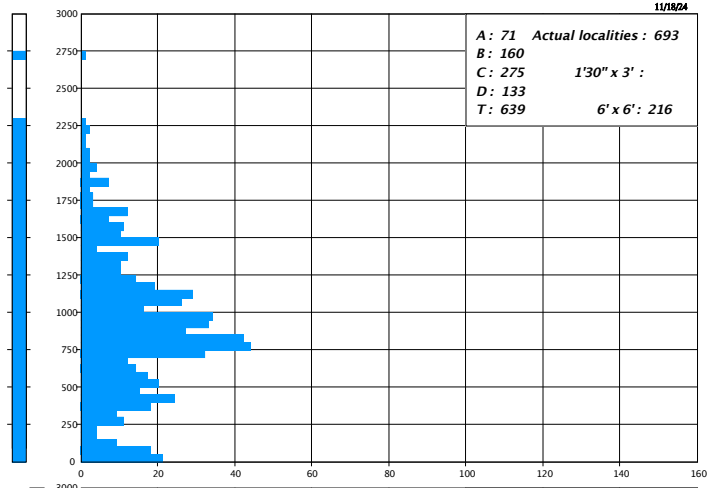
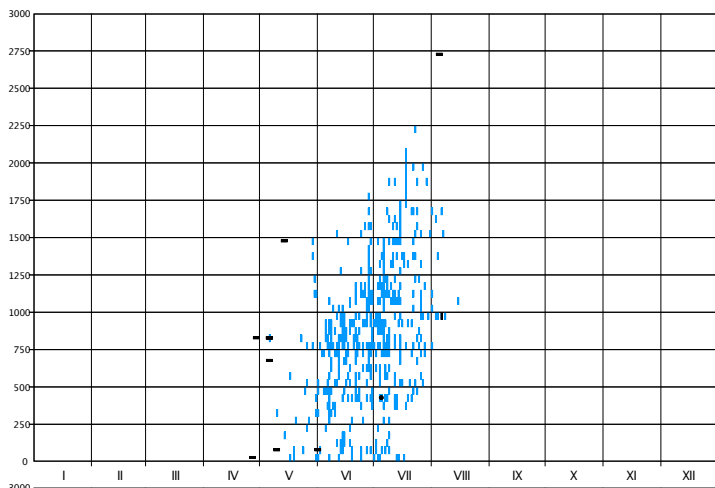


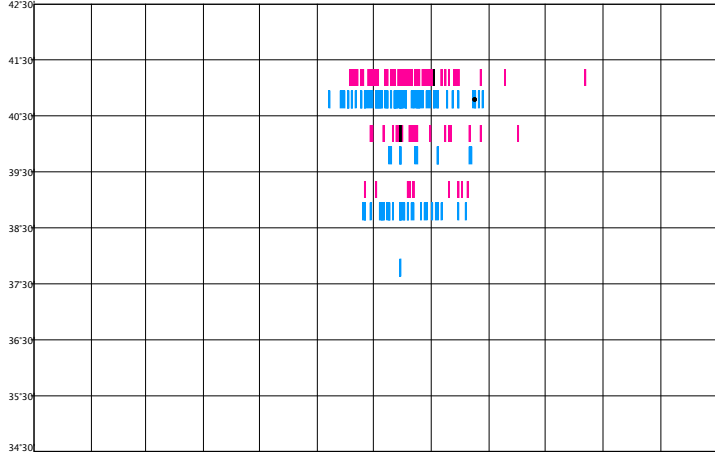
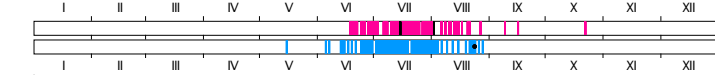
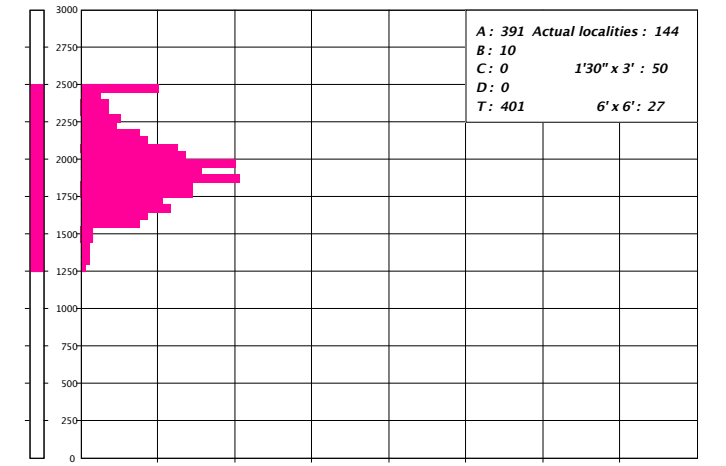
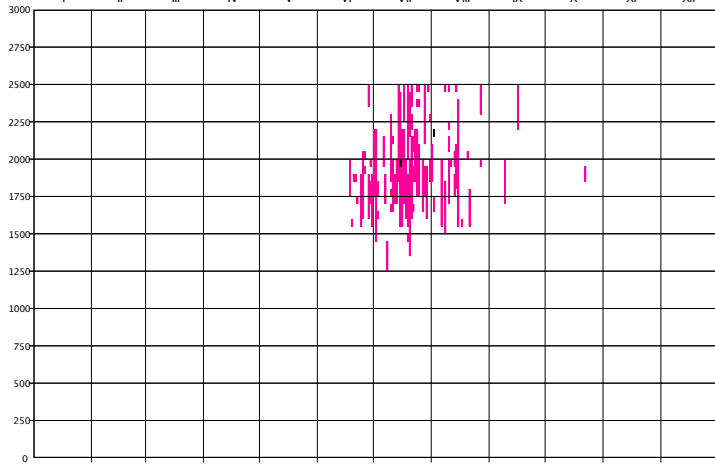
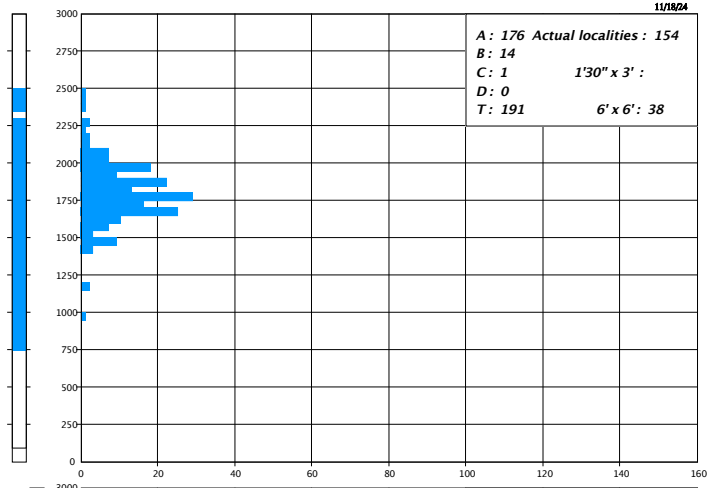
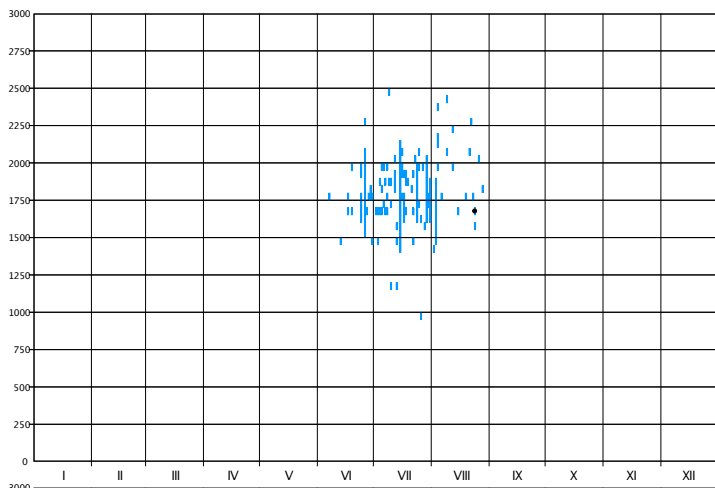
NYMPHALIDAE *Fabriciana niobe*



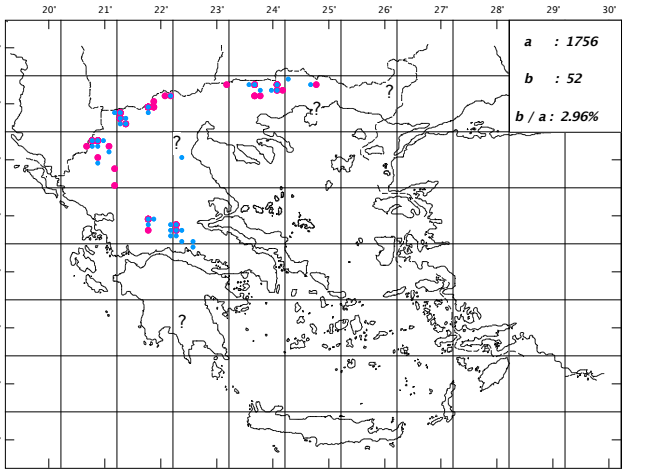


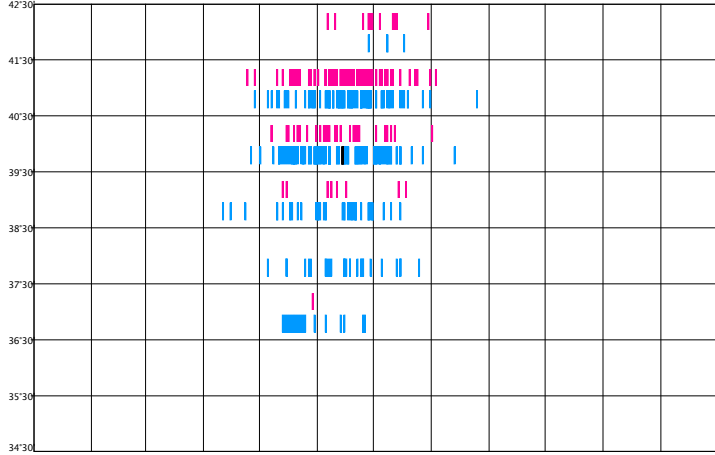
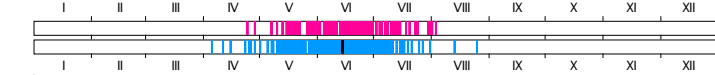
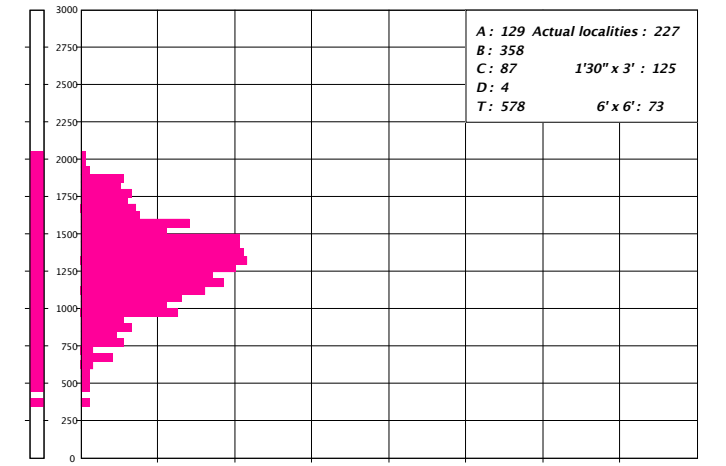
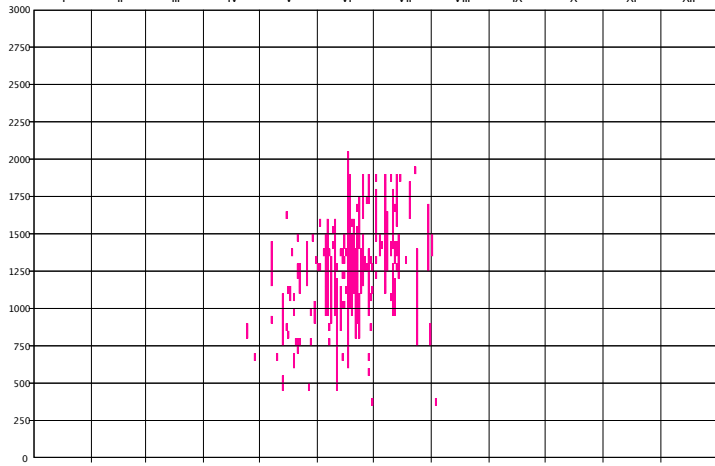
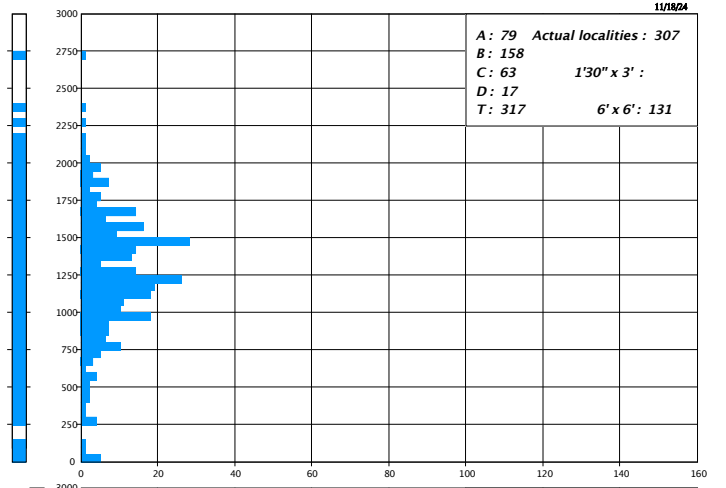
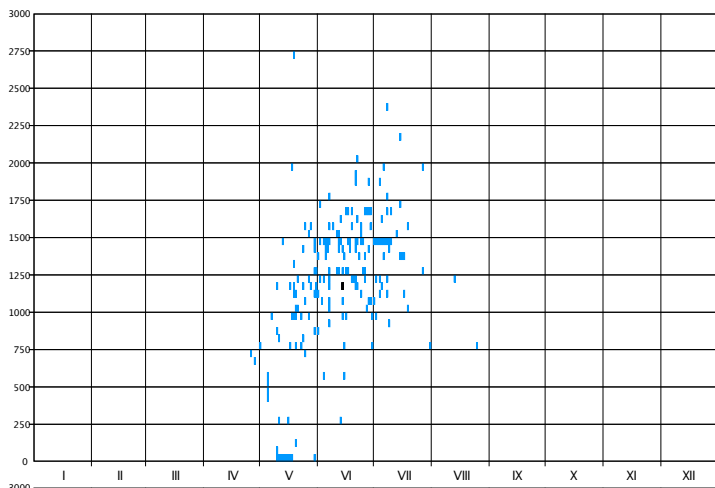




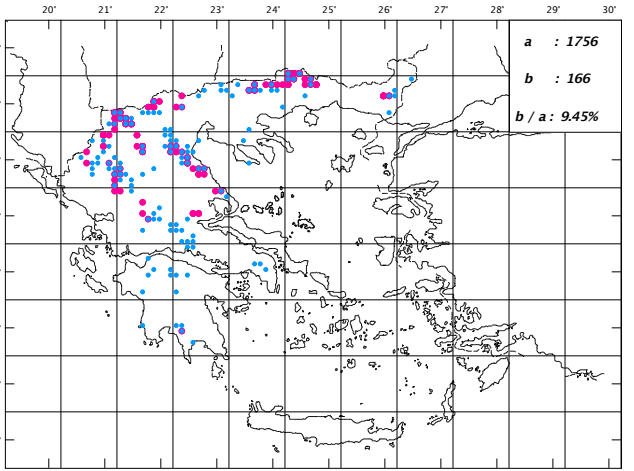


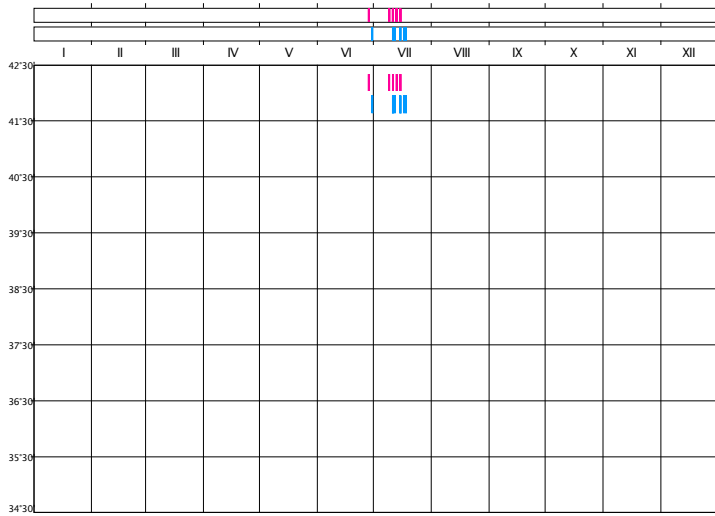
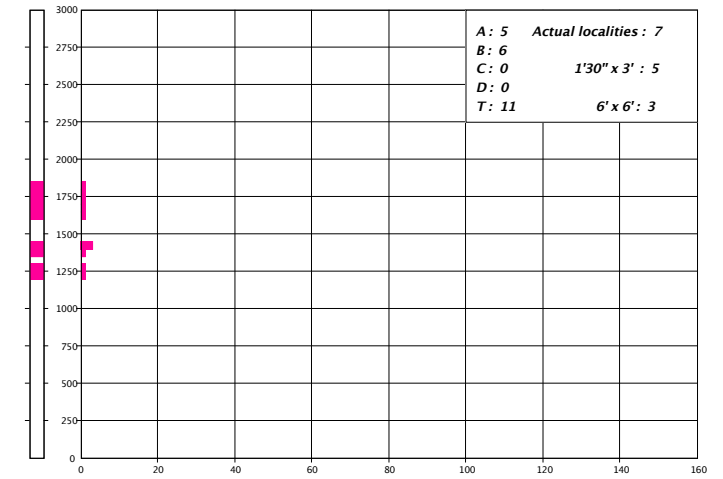
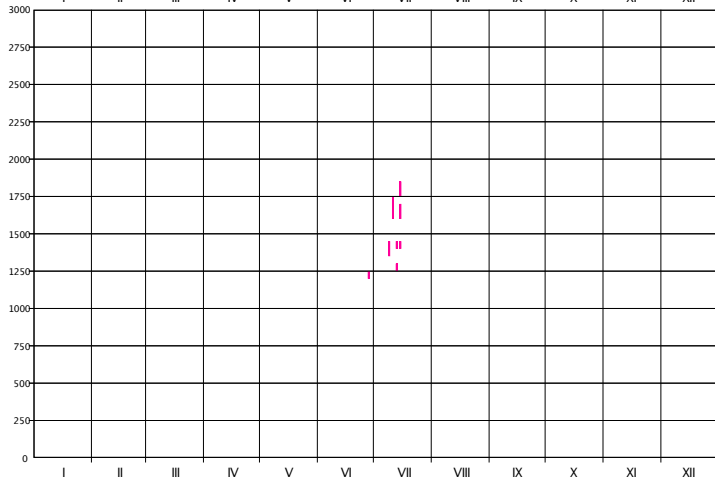
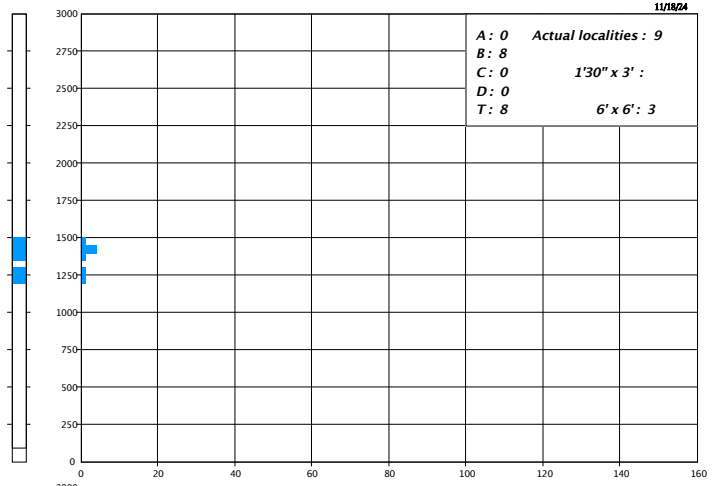
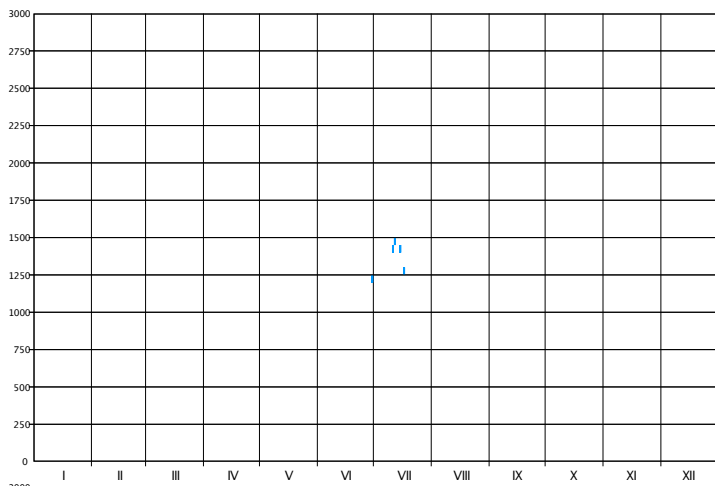
NYMPHALIDAE *Boloria graeca*



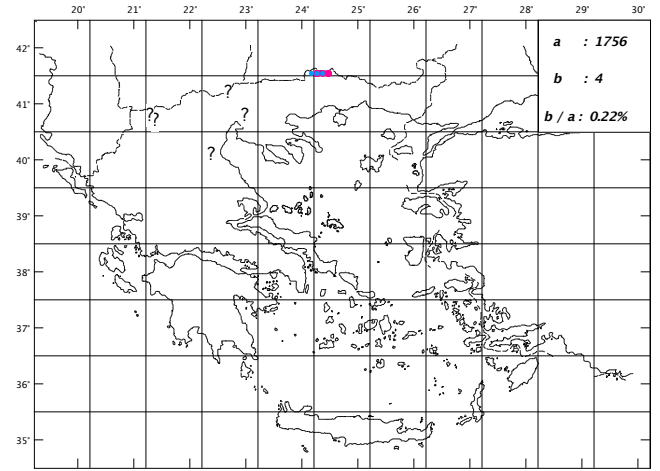


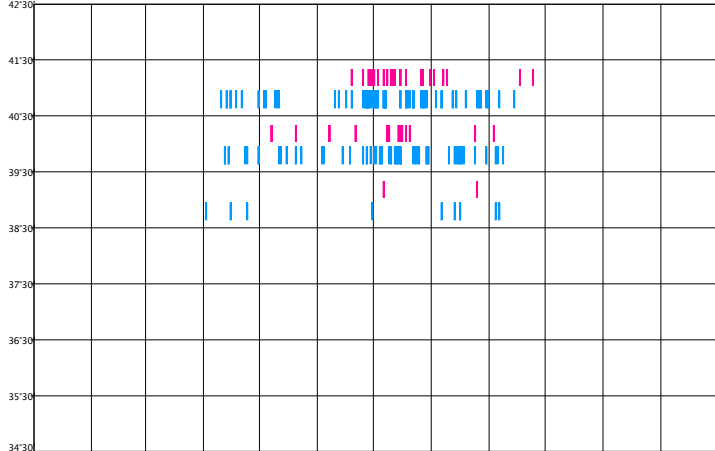
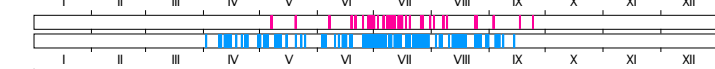
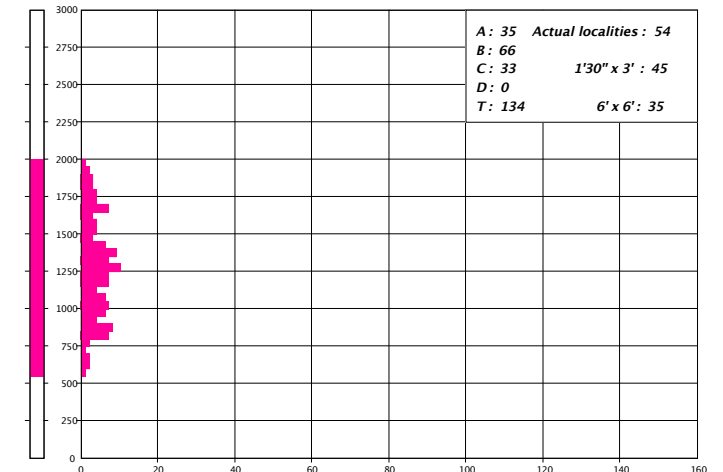
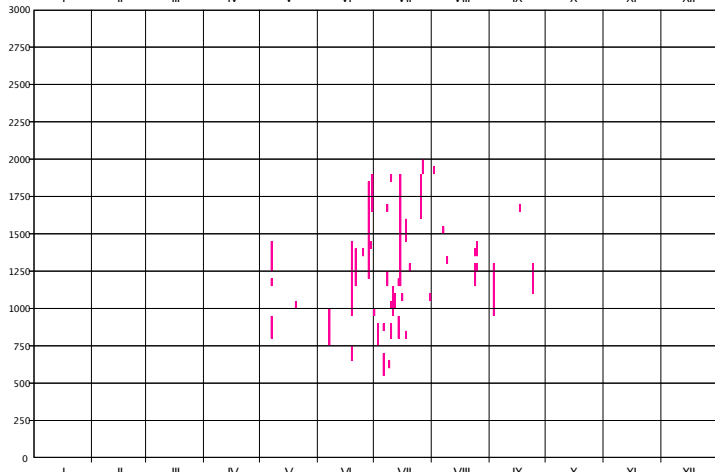
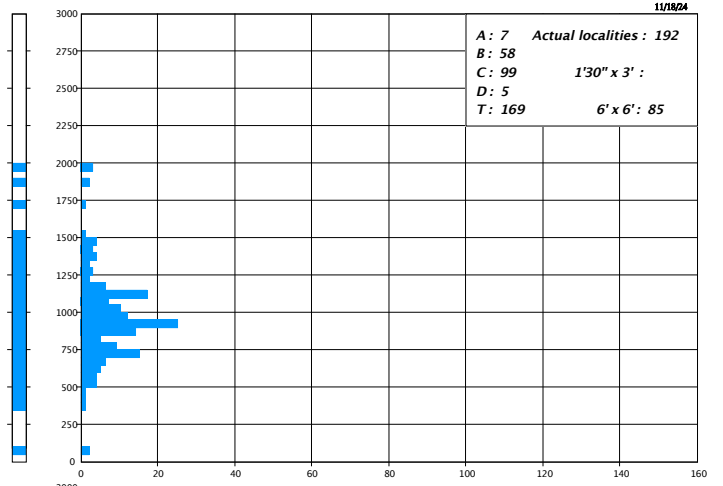
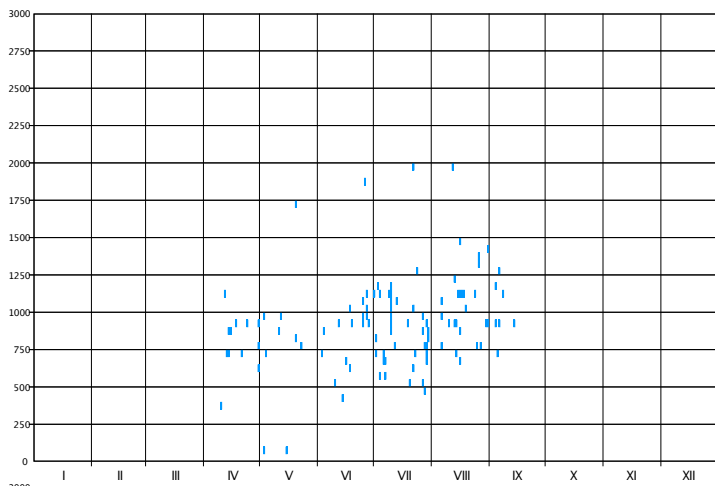
NYMPHALIDAE *Boloria euphrosyne*



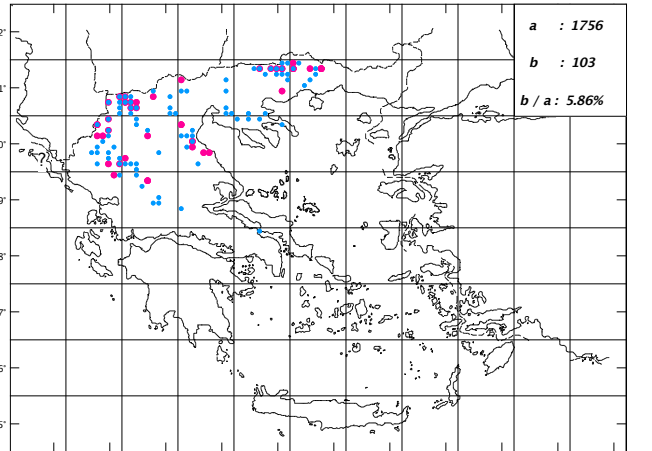


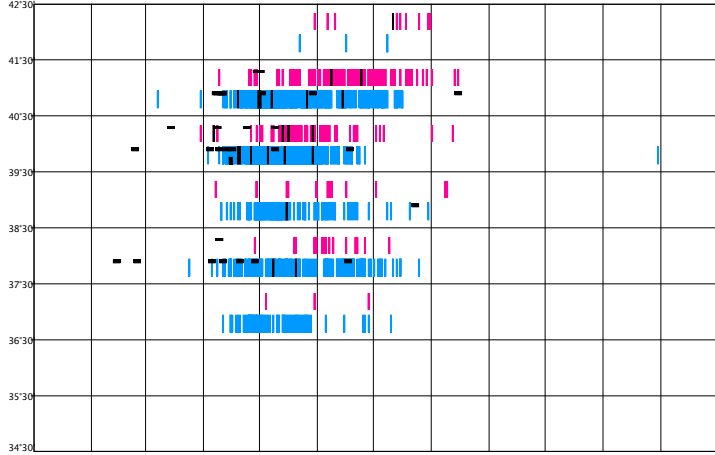
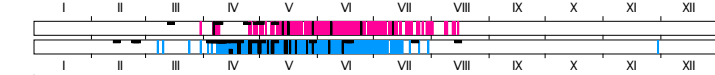
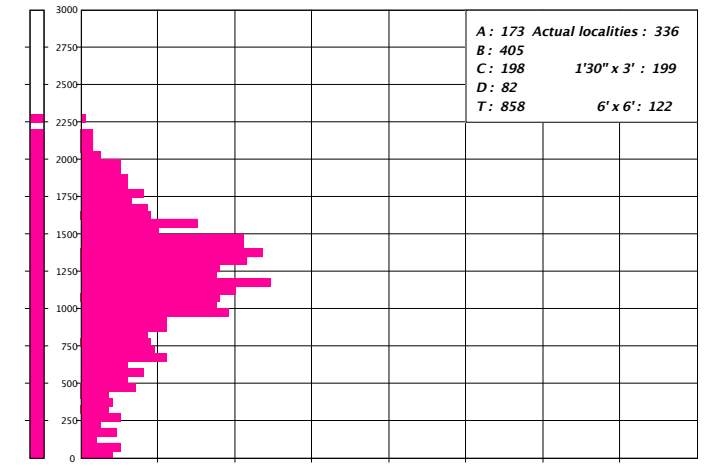
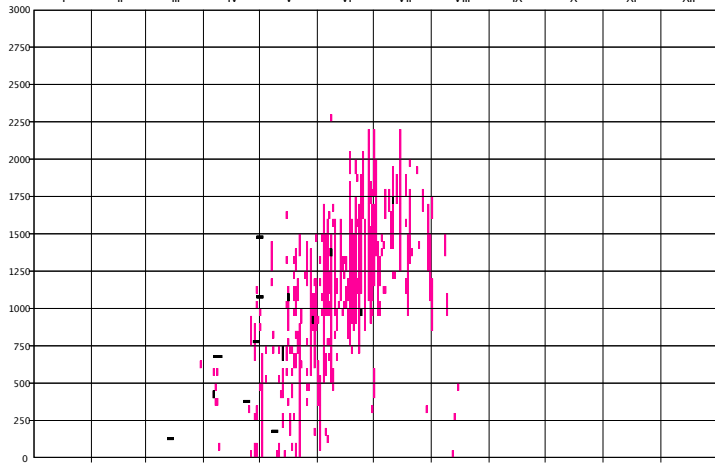
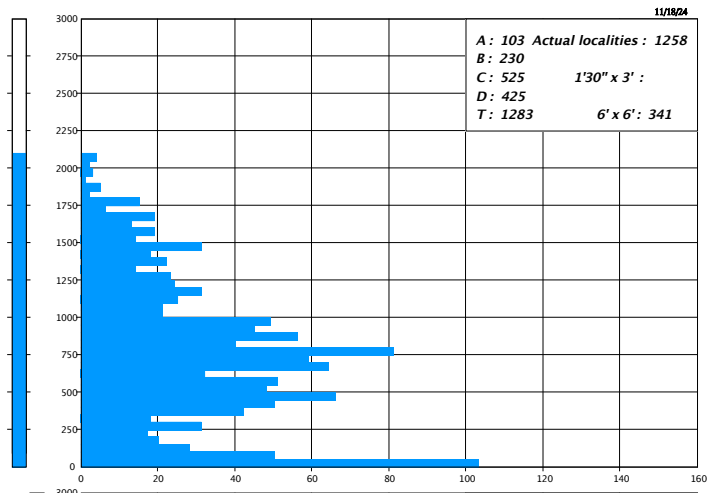
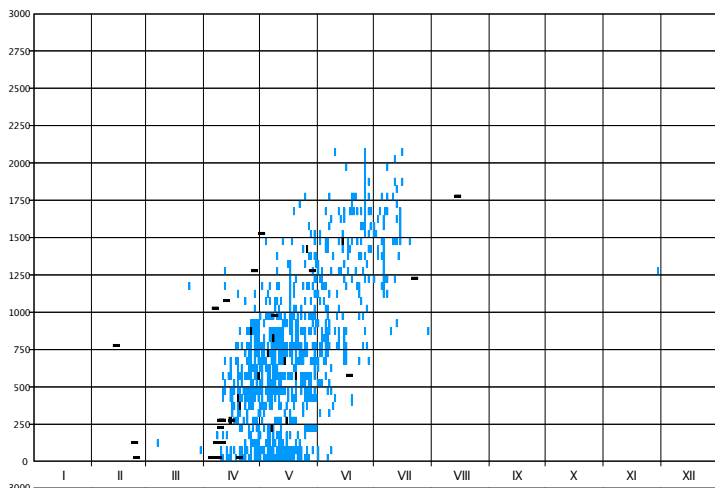
NYMPHALIDAE *Boloria selene*



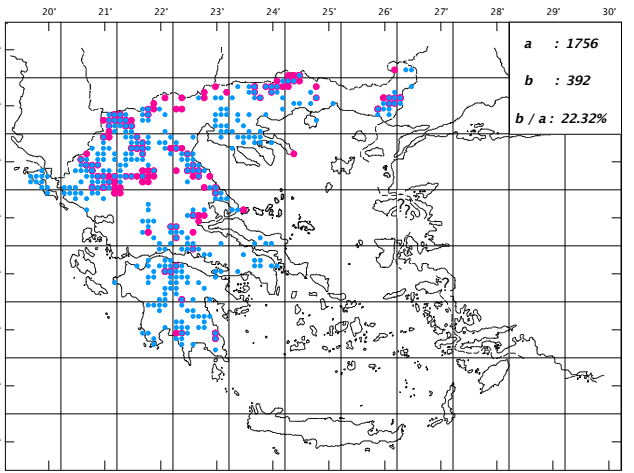


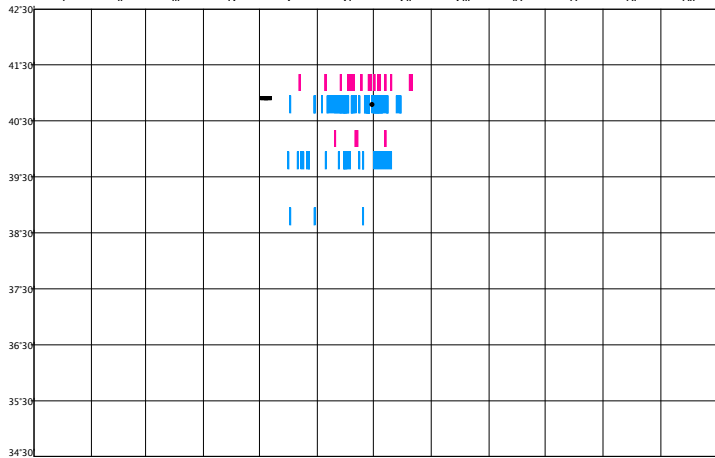
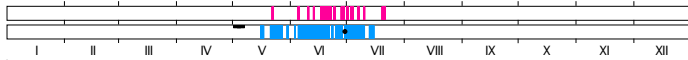
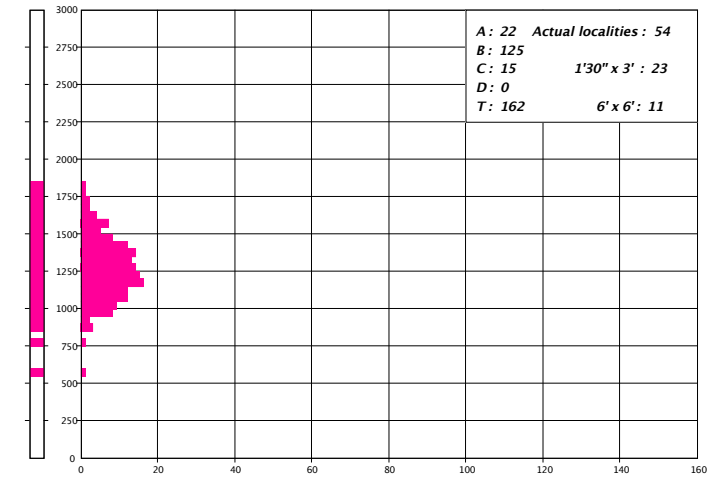
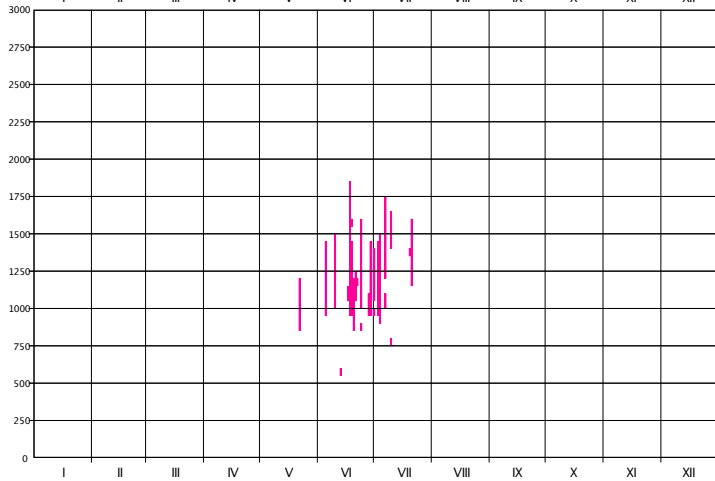
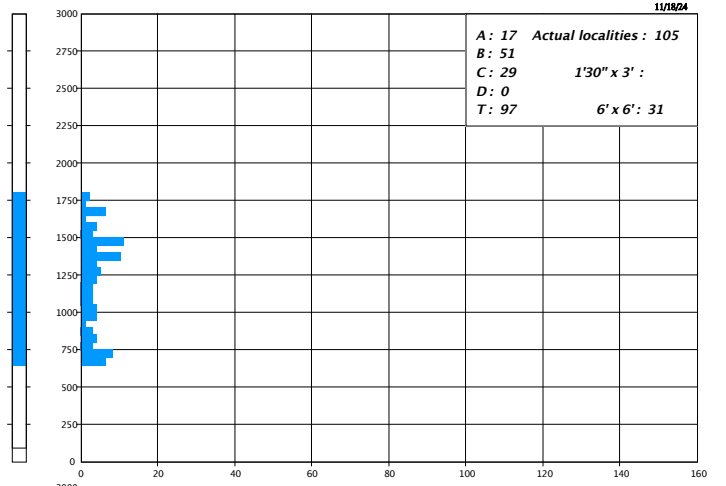
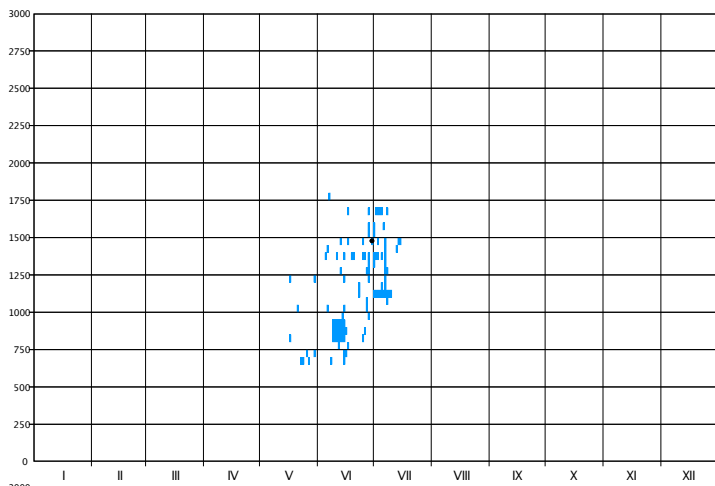
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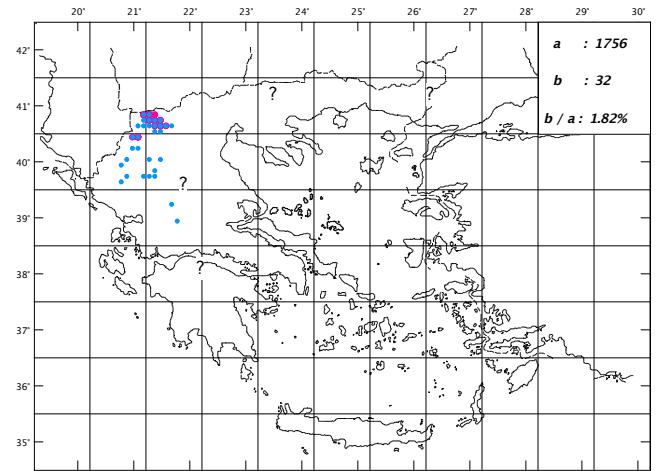


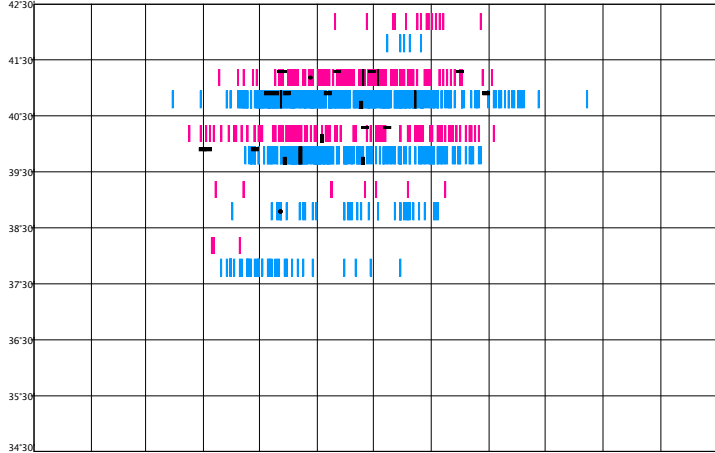
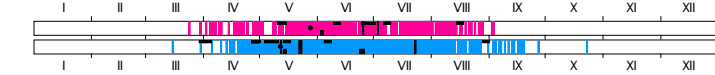
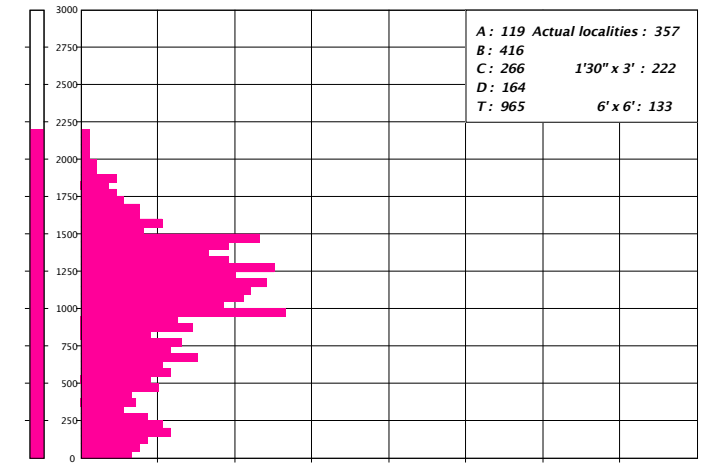
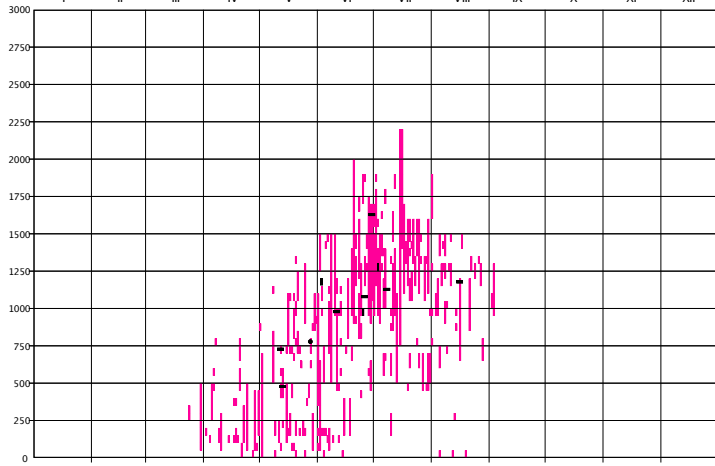
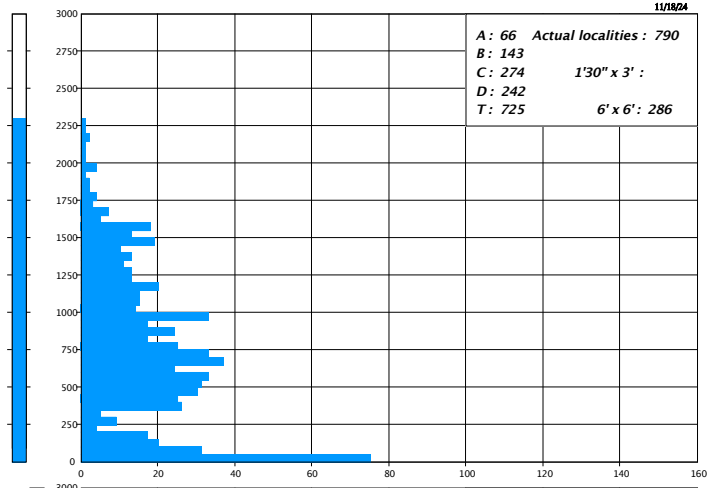
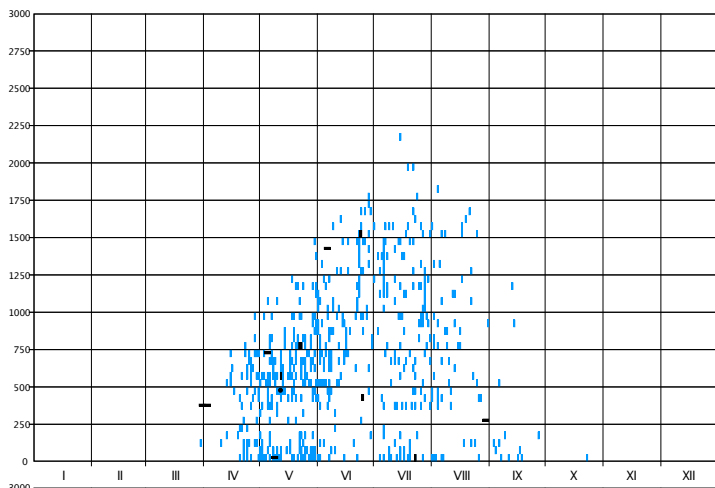
NYMPHALIDAE *Melitaea cinxia*



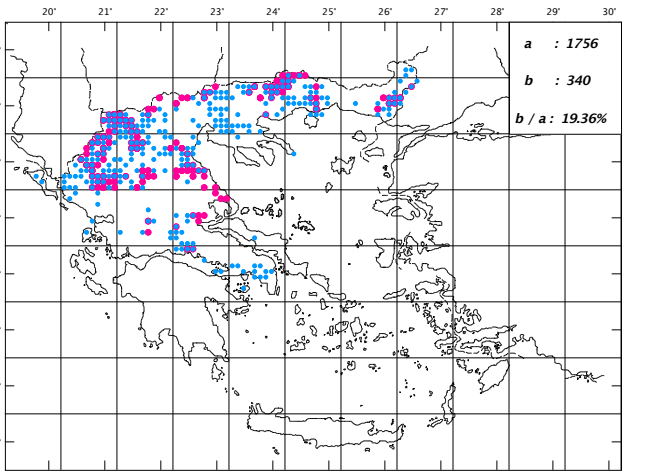


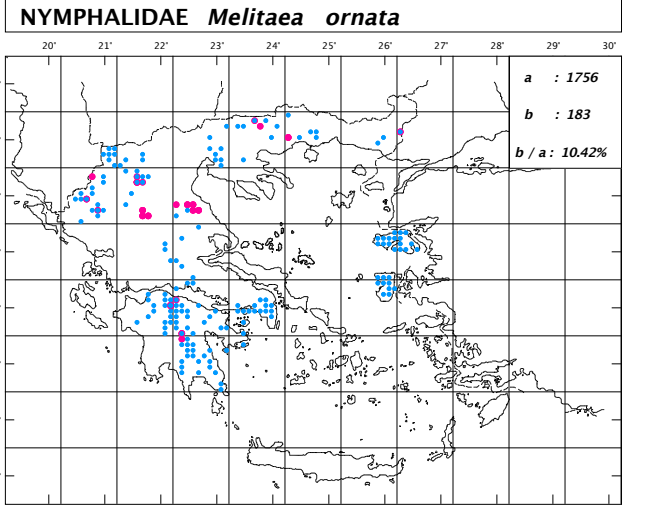
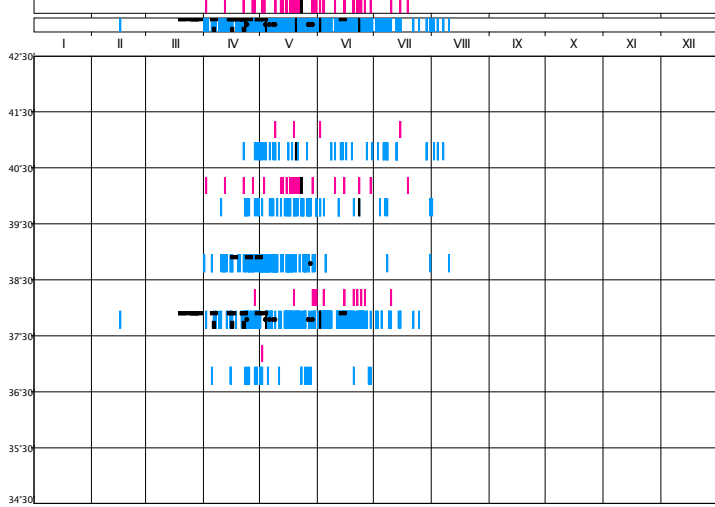
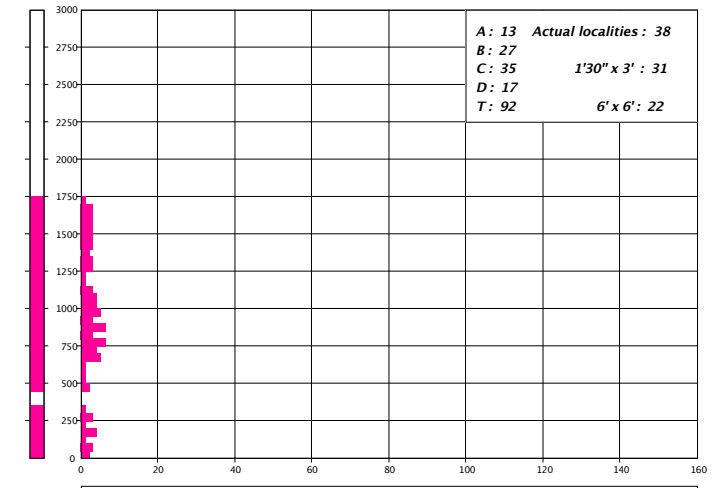
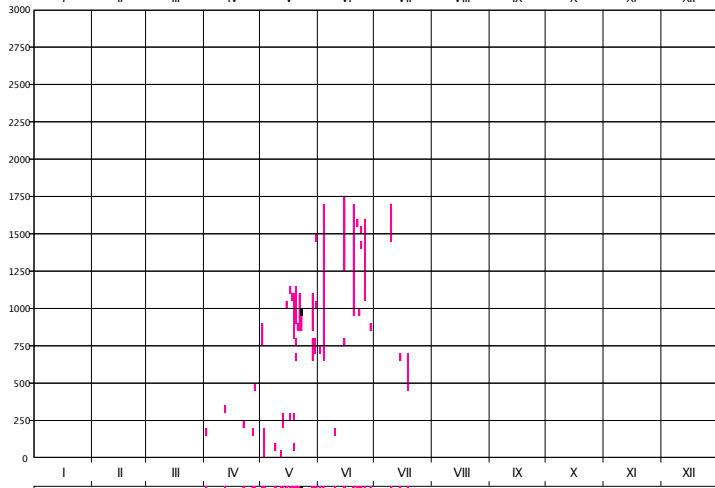
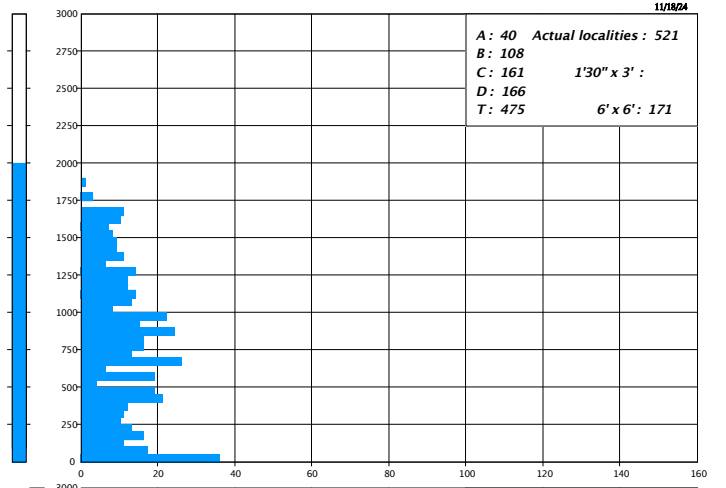
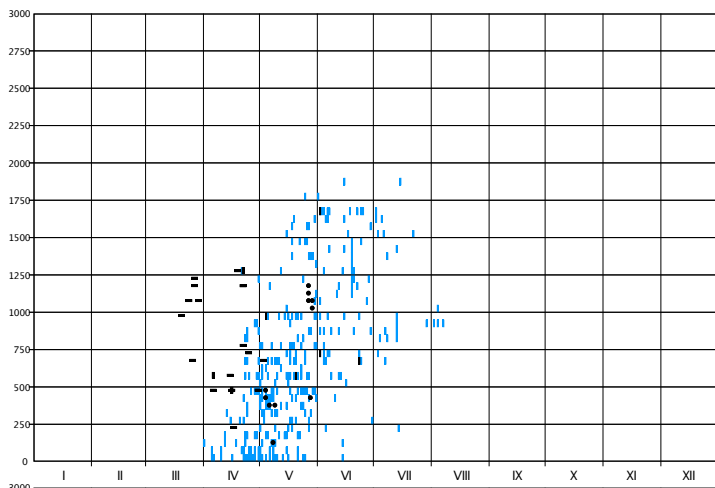
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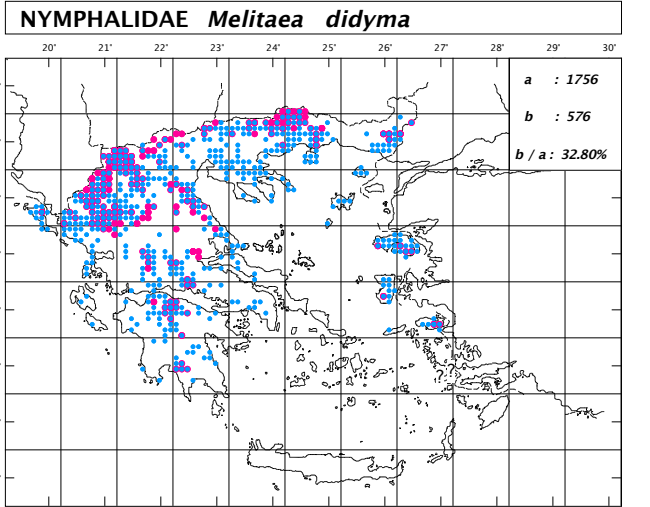
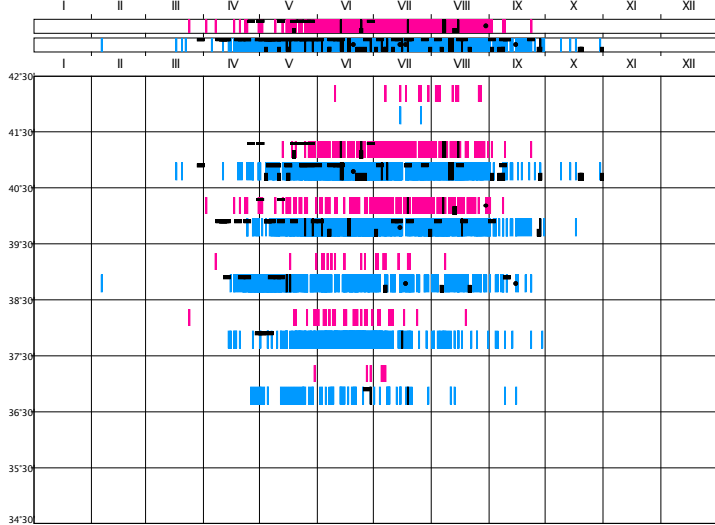
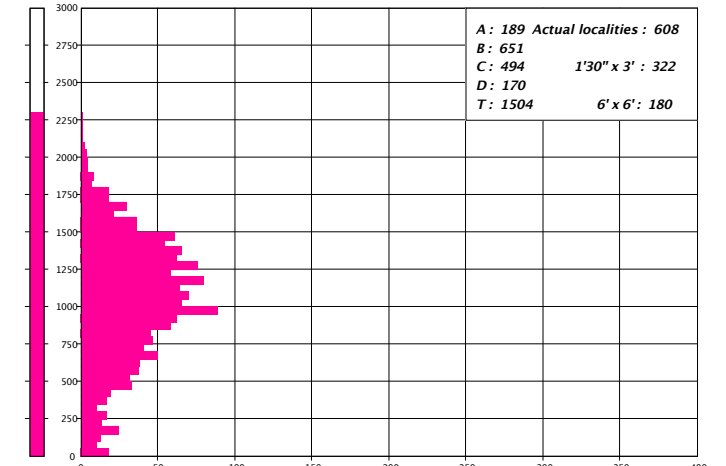
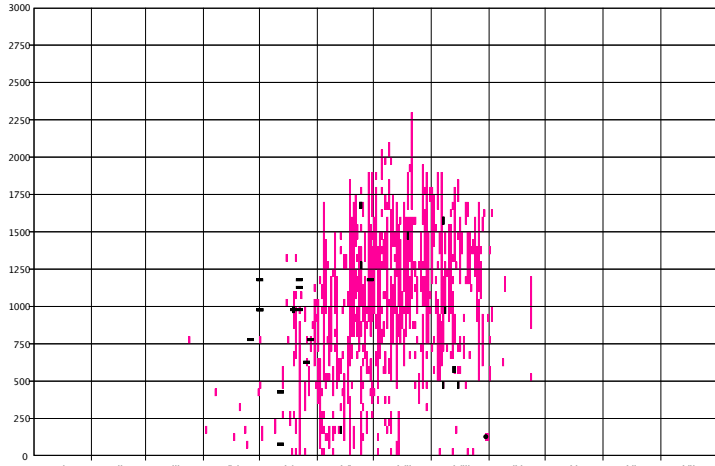
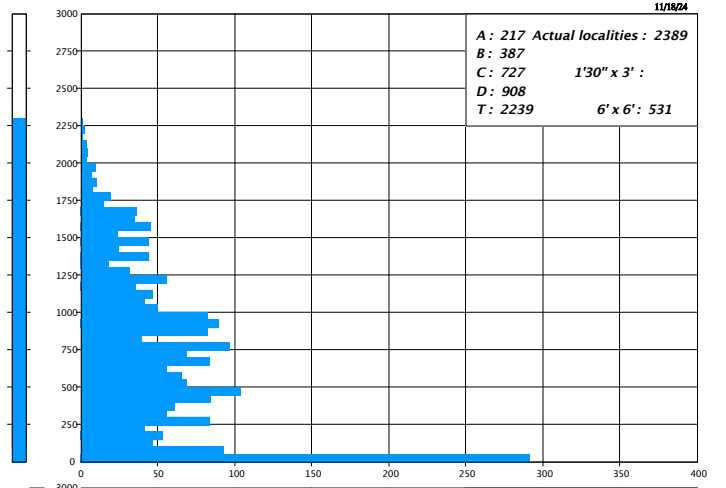
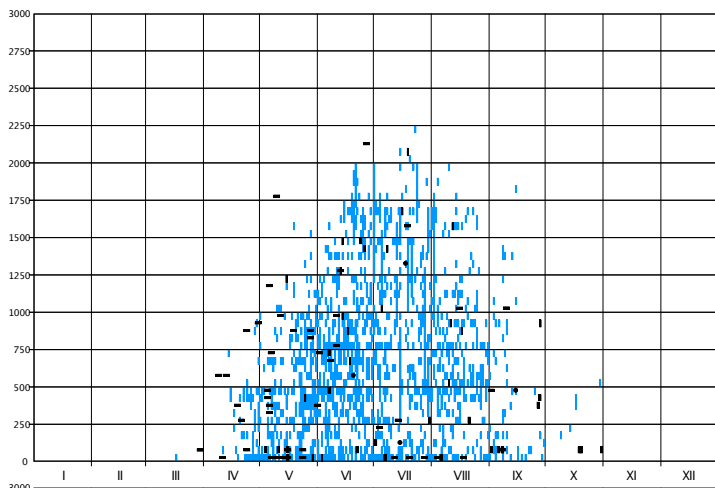


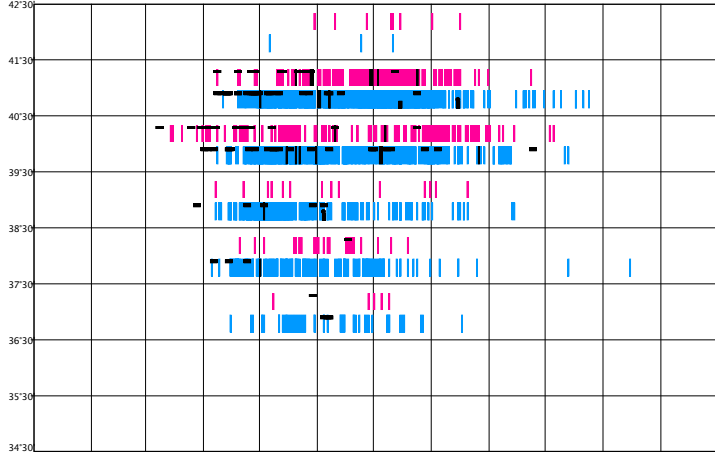
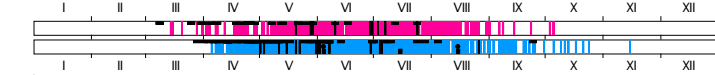
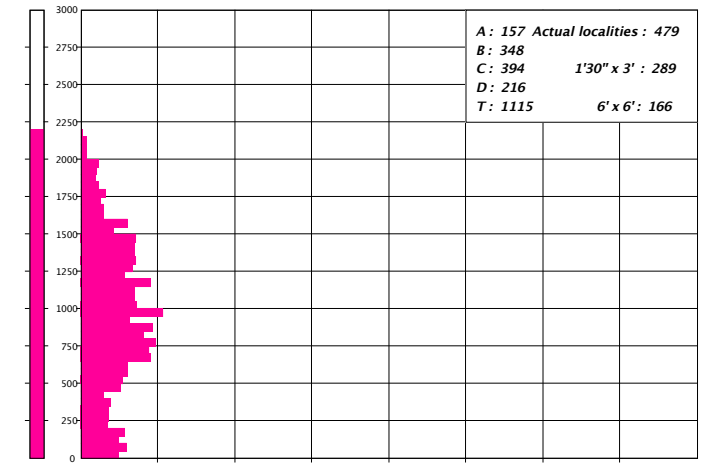
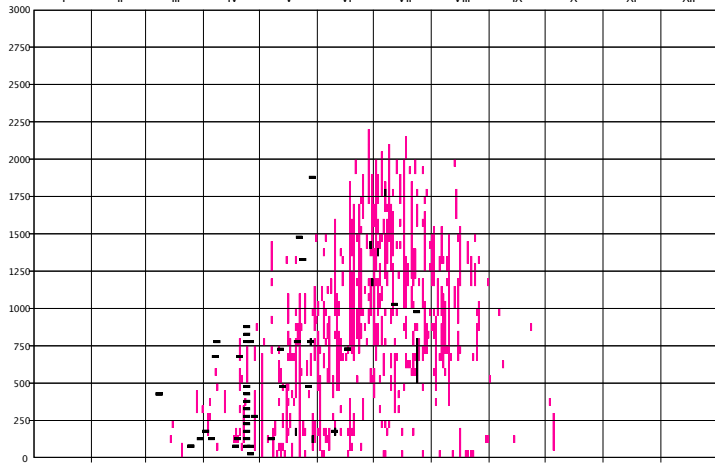
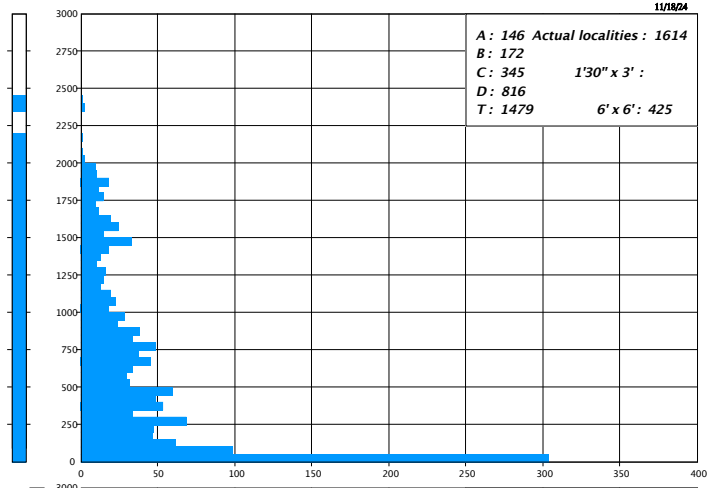
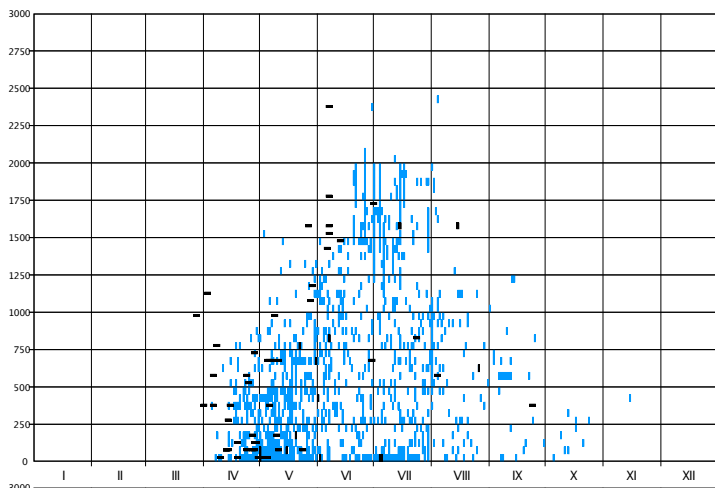


NYMPHALIDAE *Melitaea phoebe*

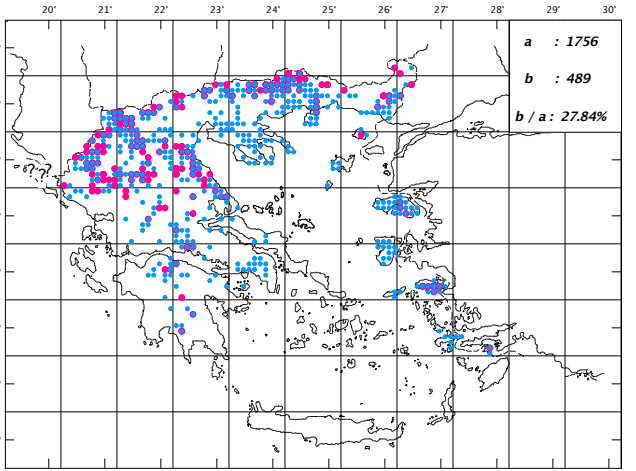


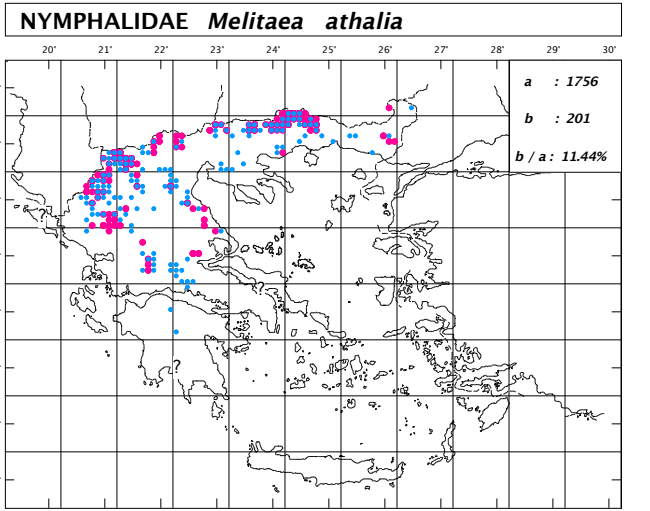
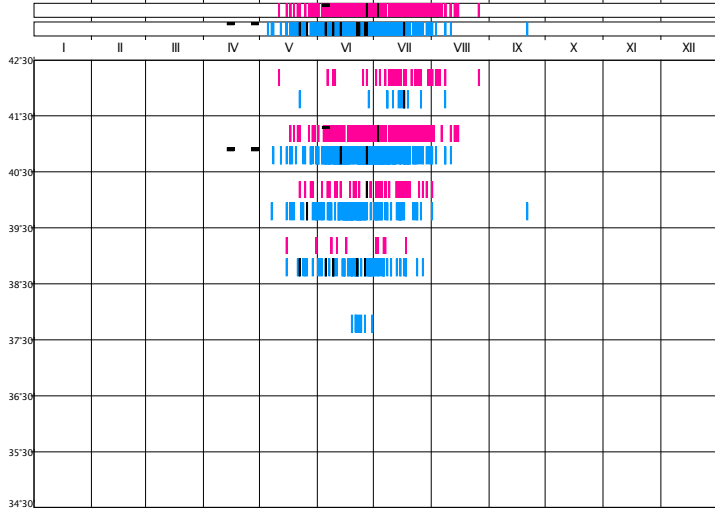
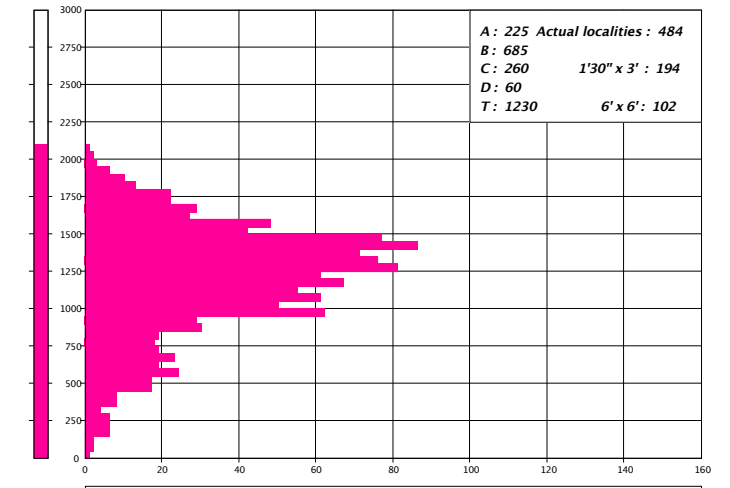
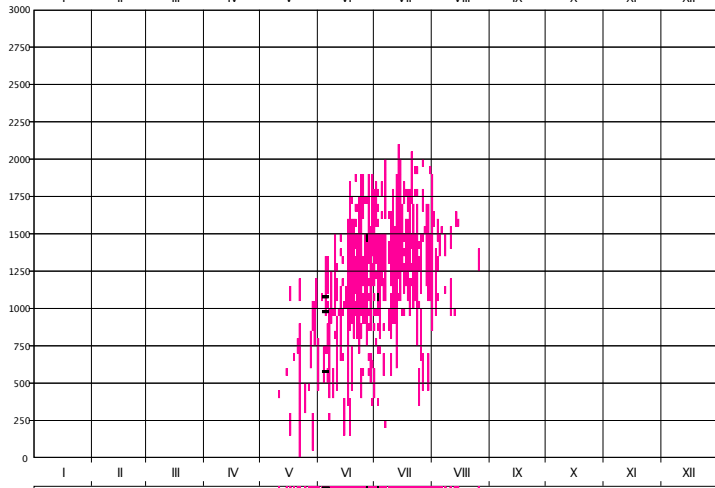
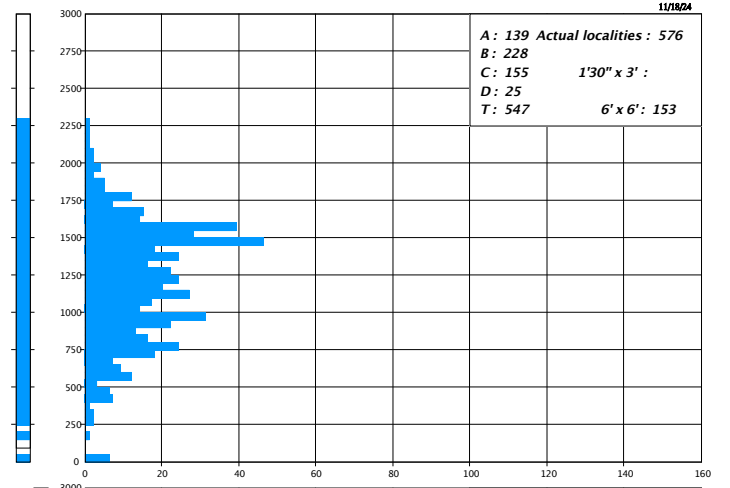
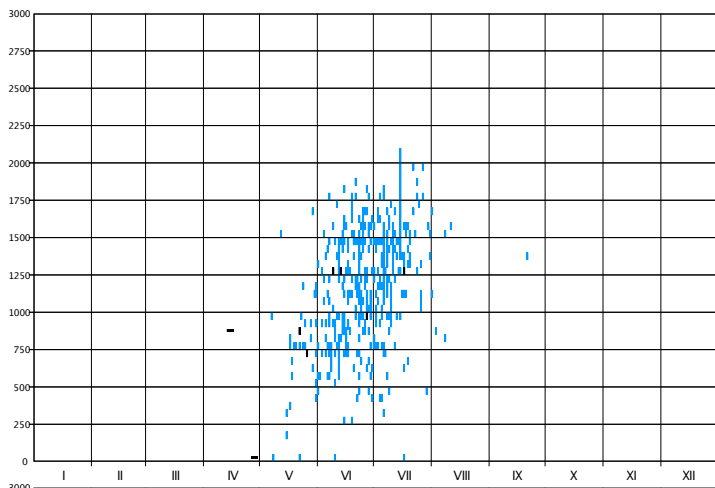


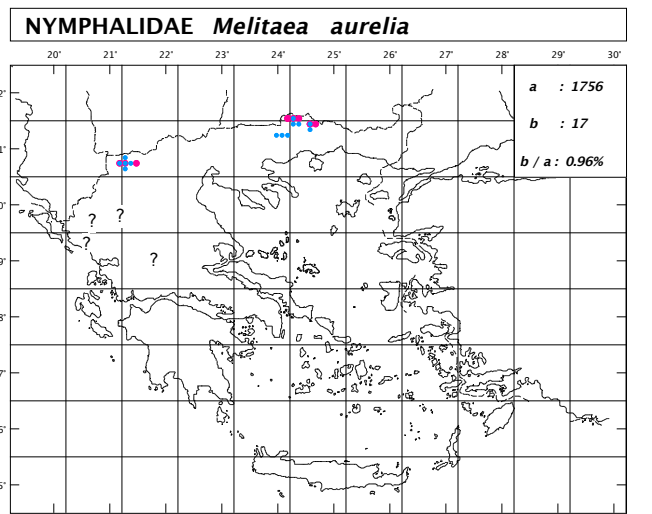
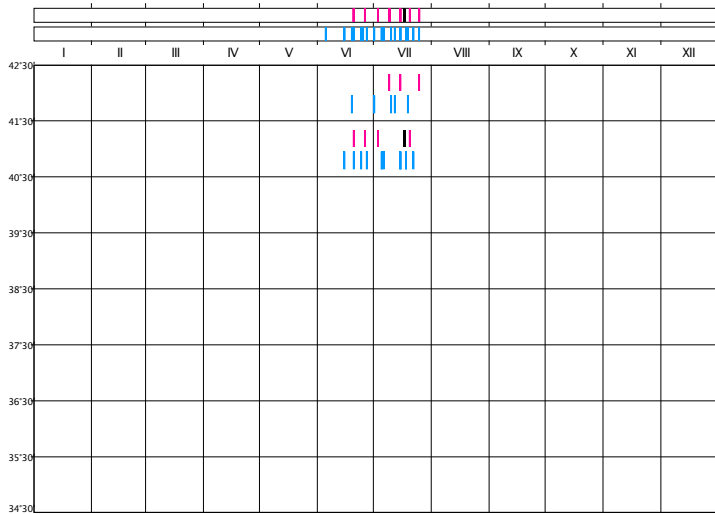
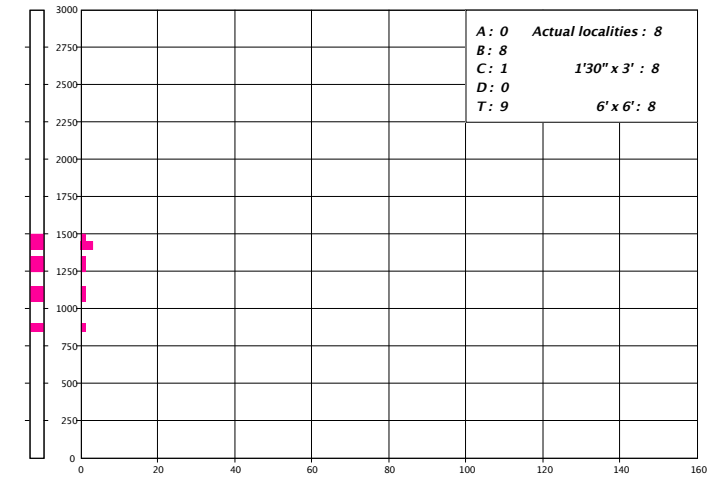
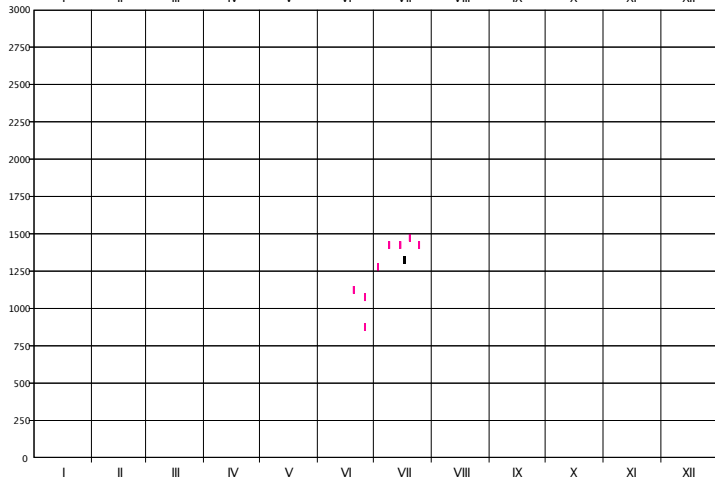
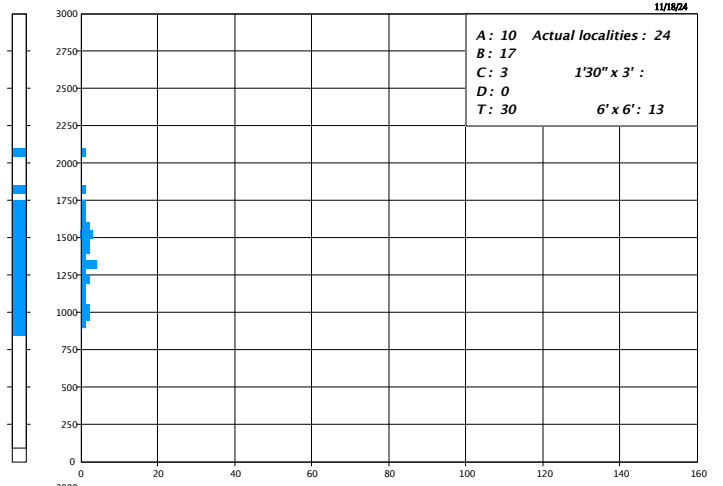
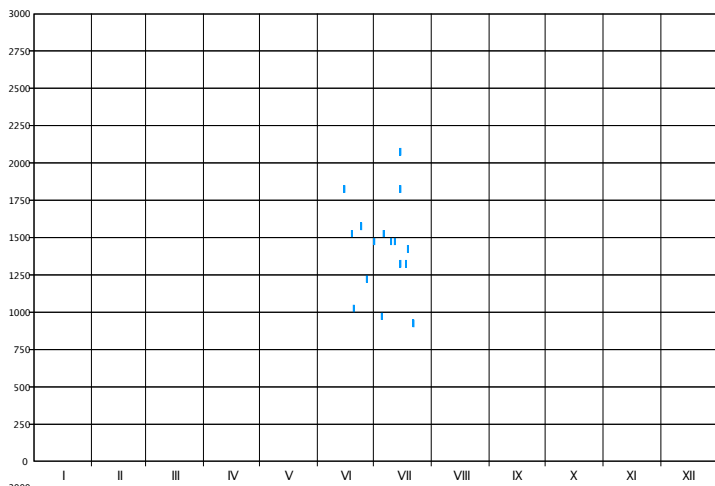


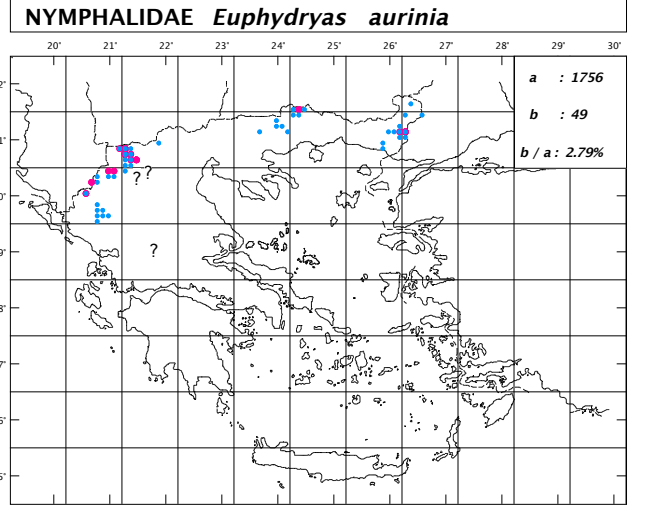
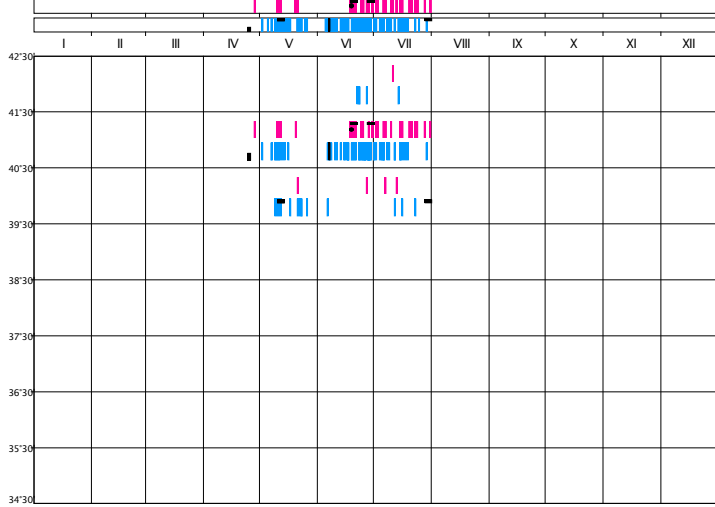
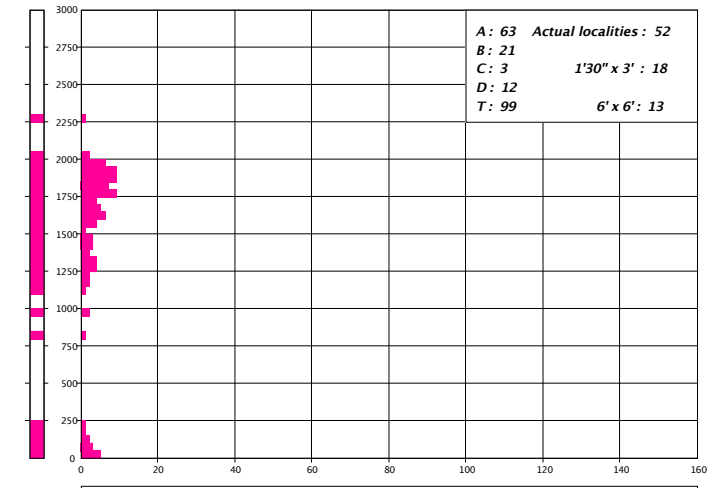
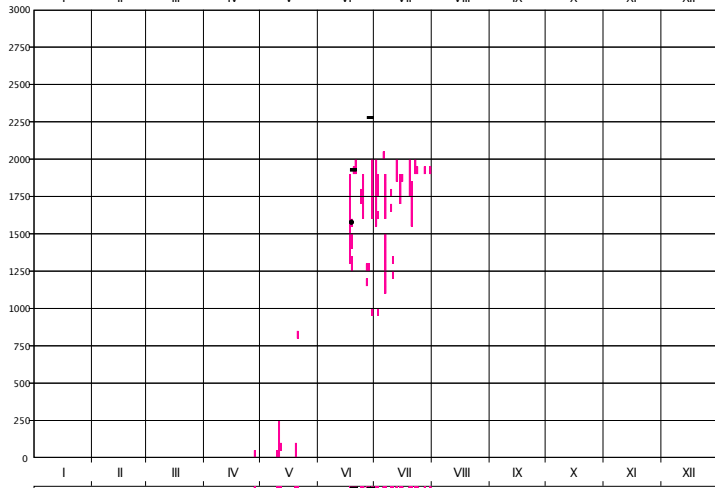
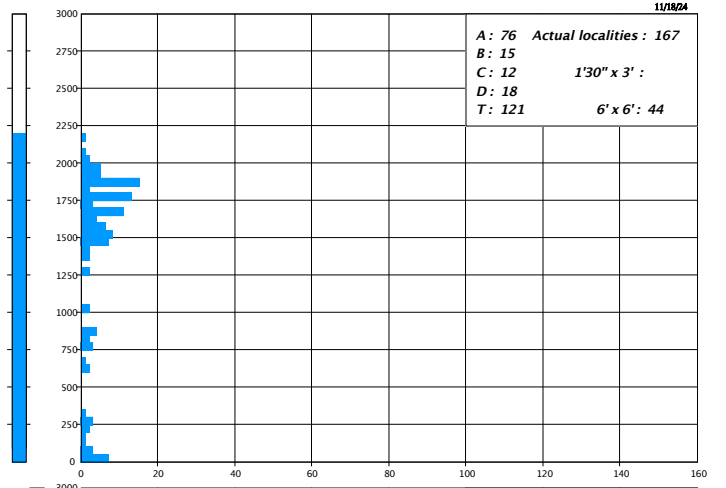
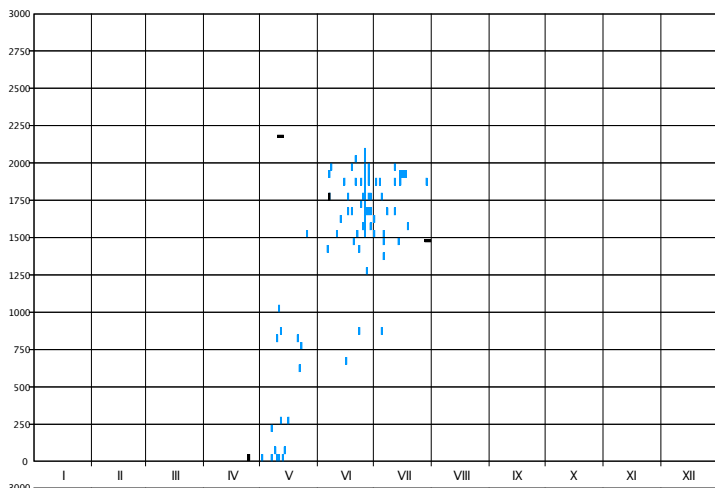


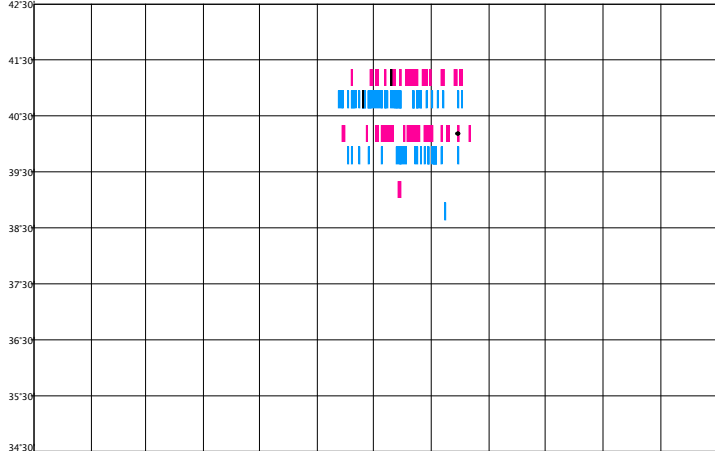
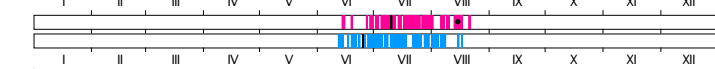
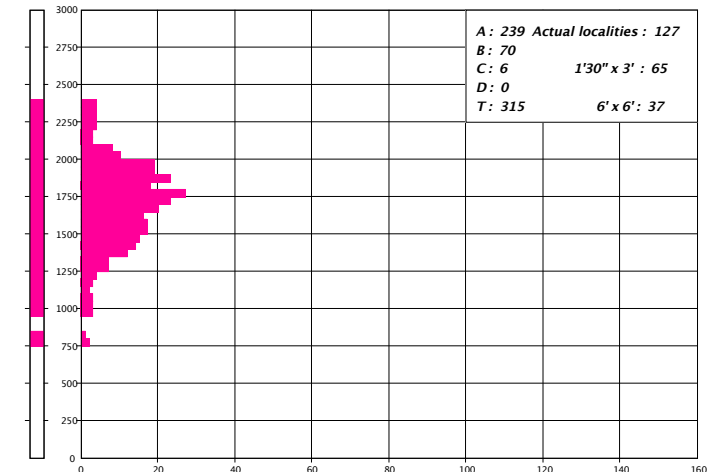
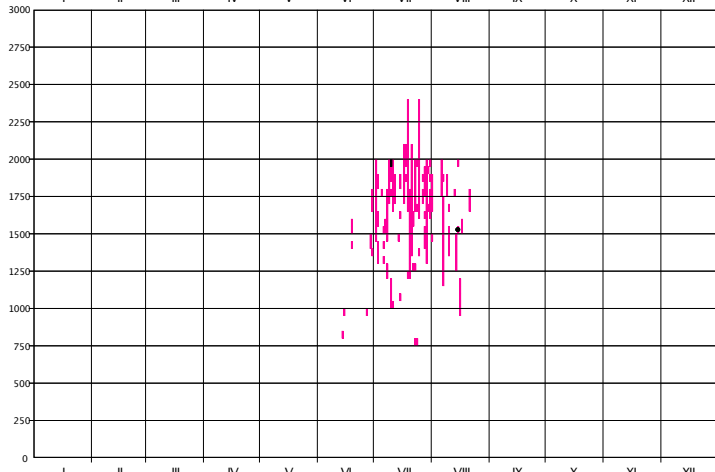
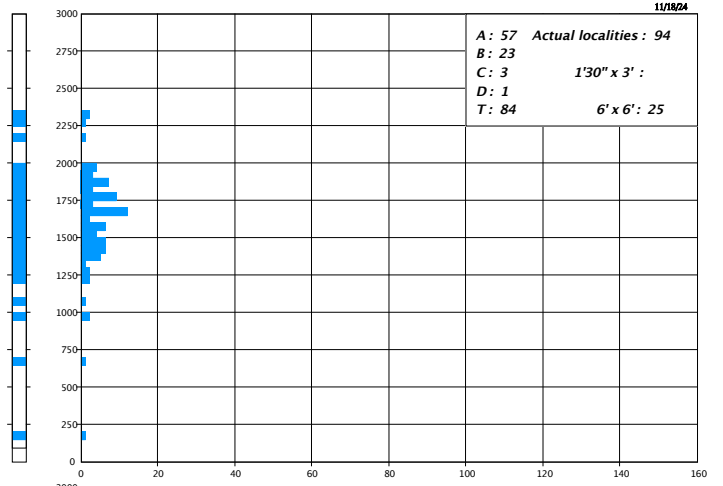
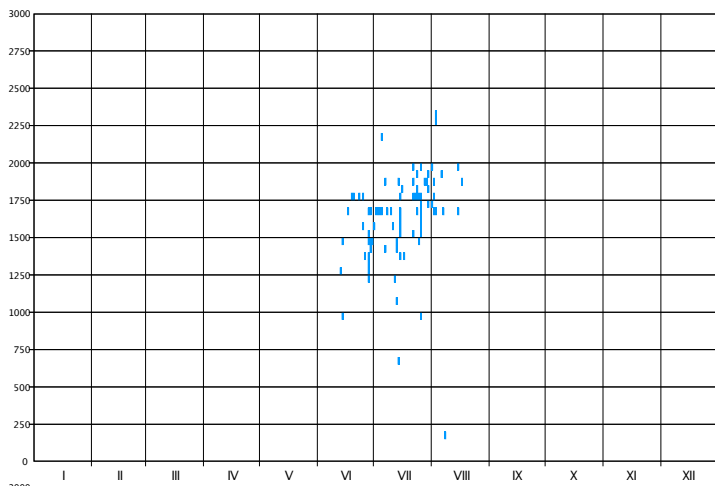
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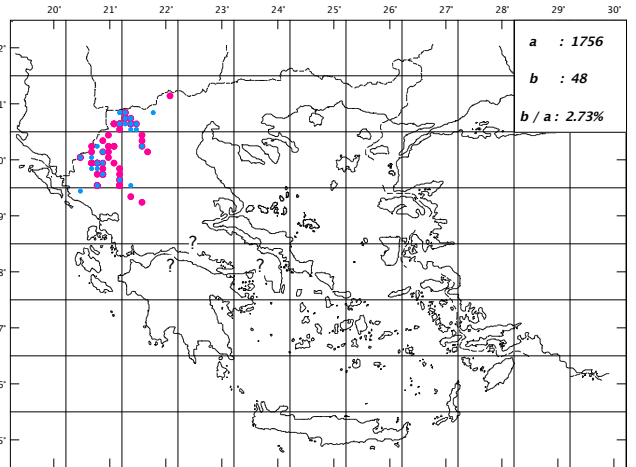


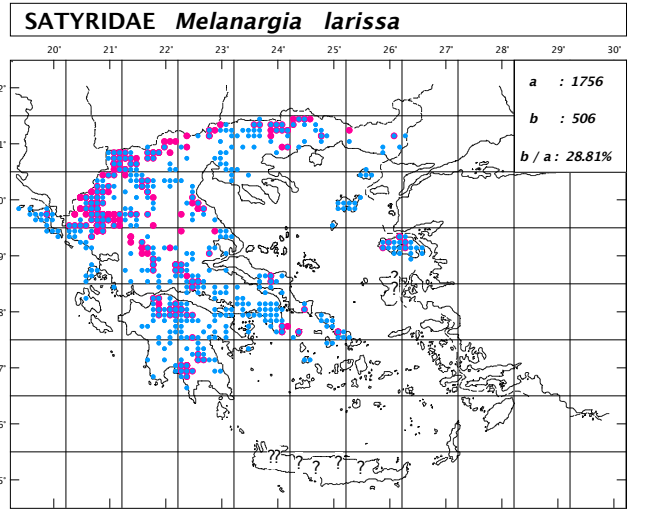
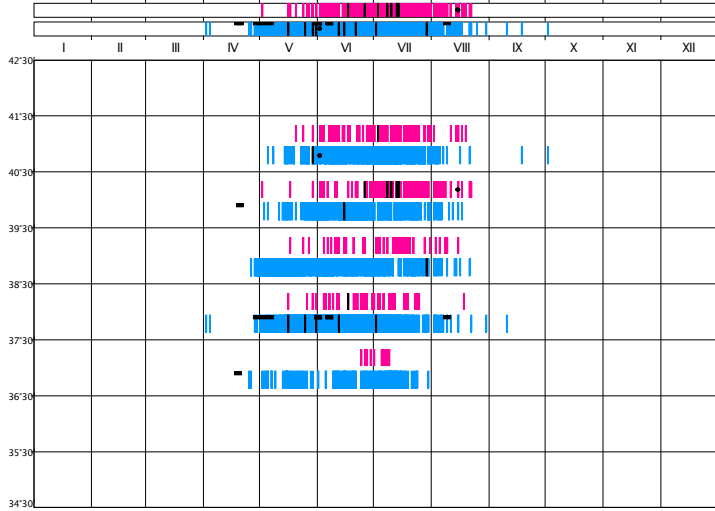
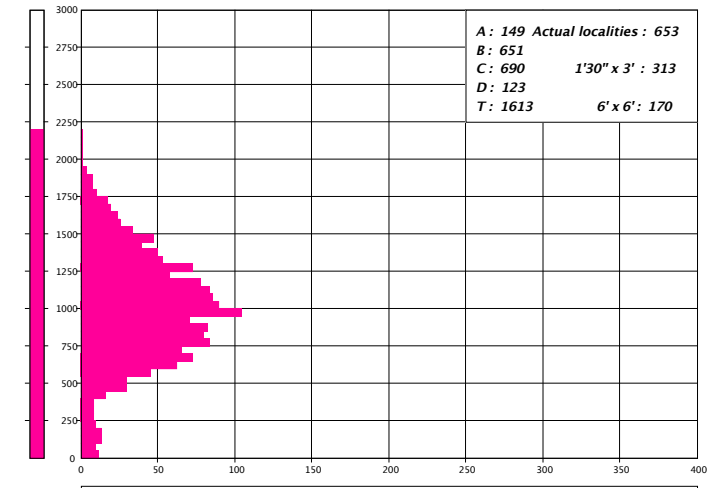
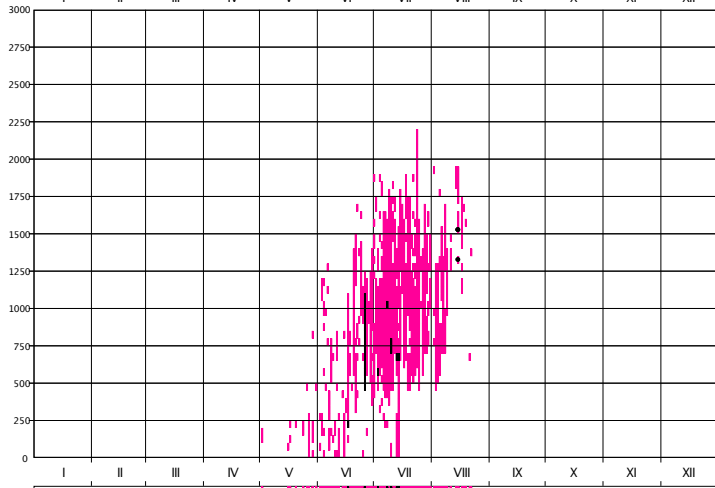
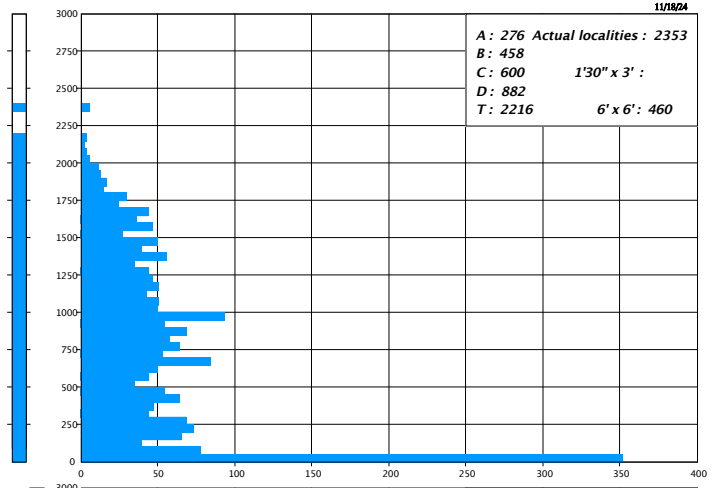
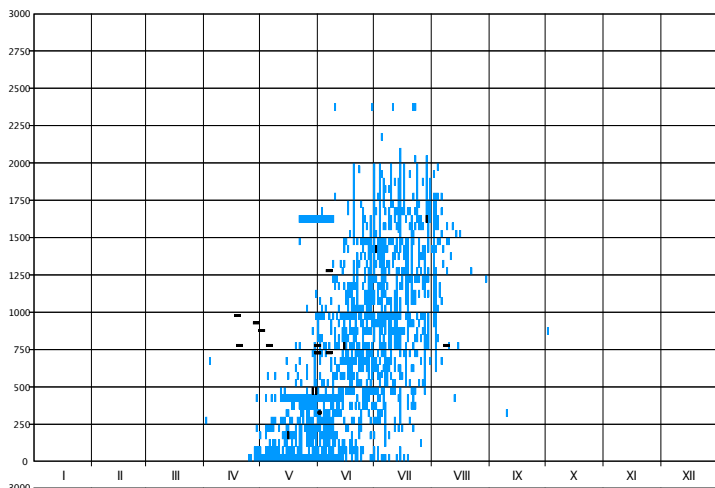


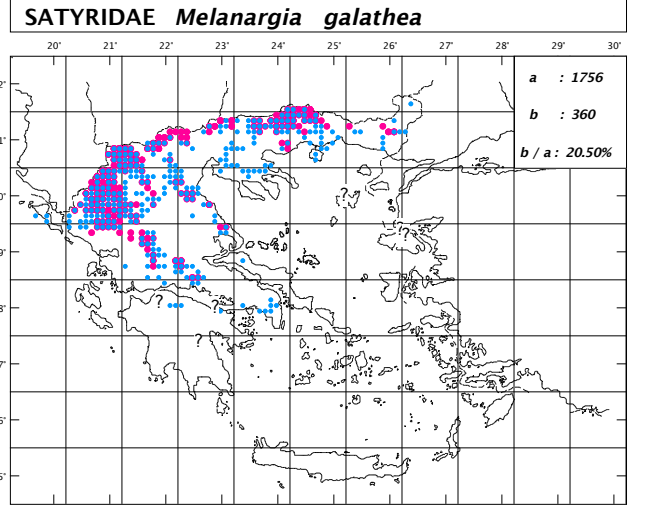
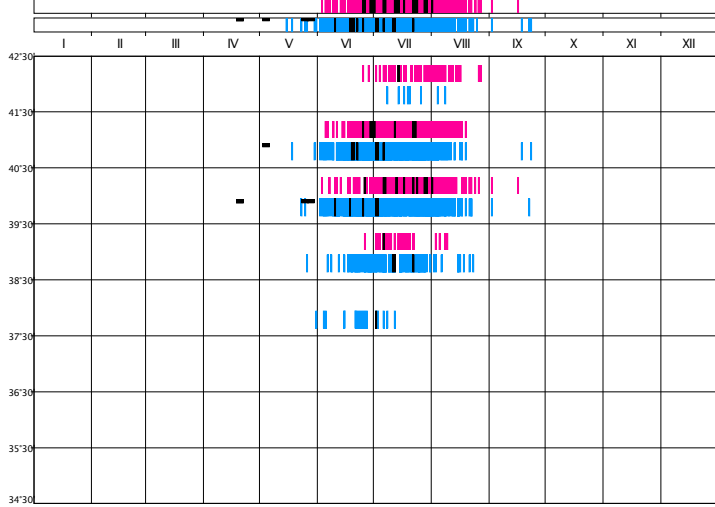
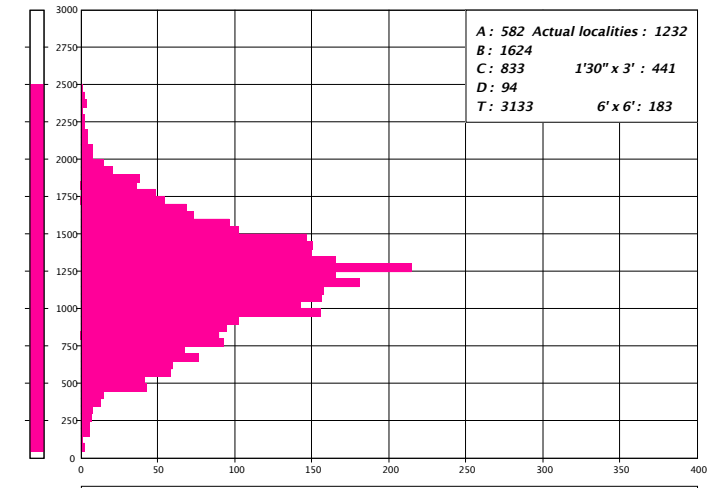
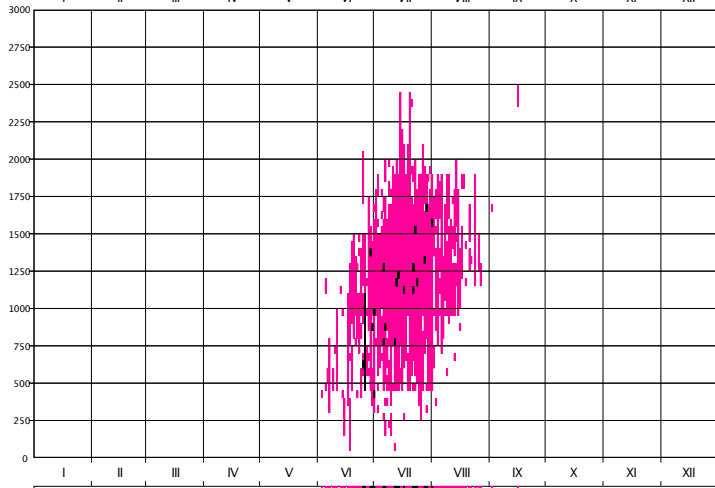
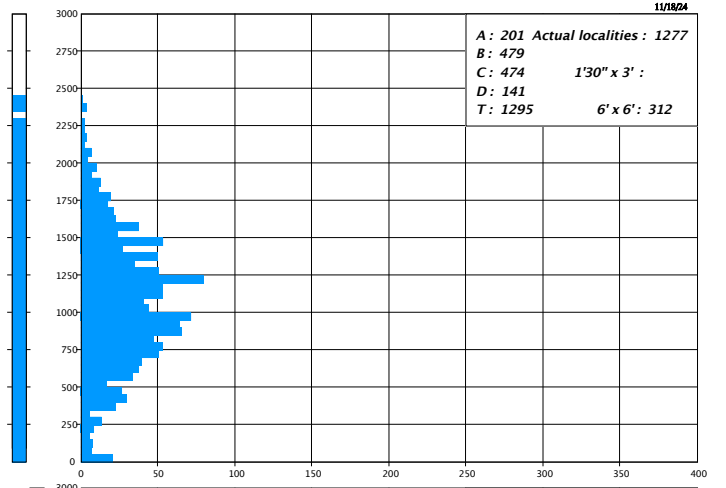
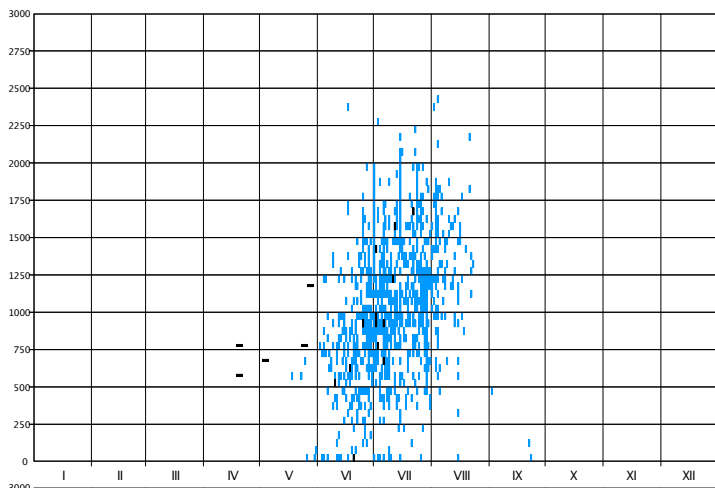


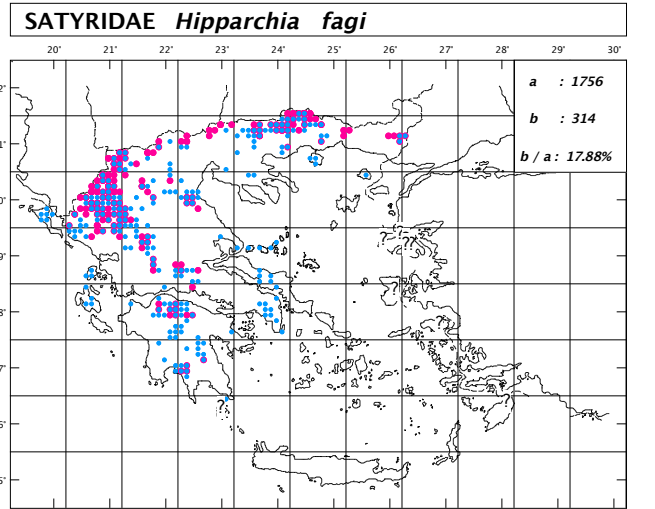
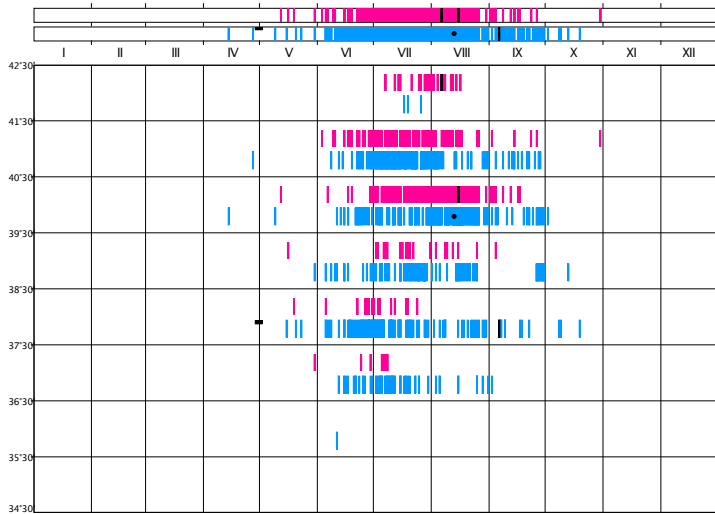
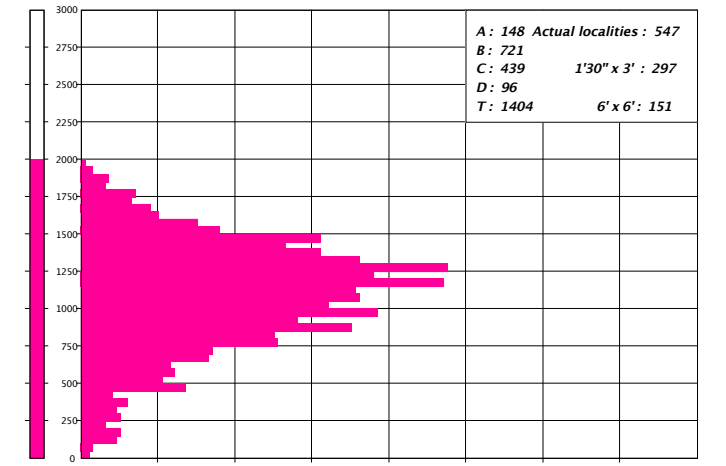
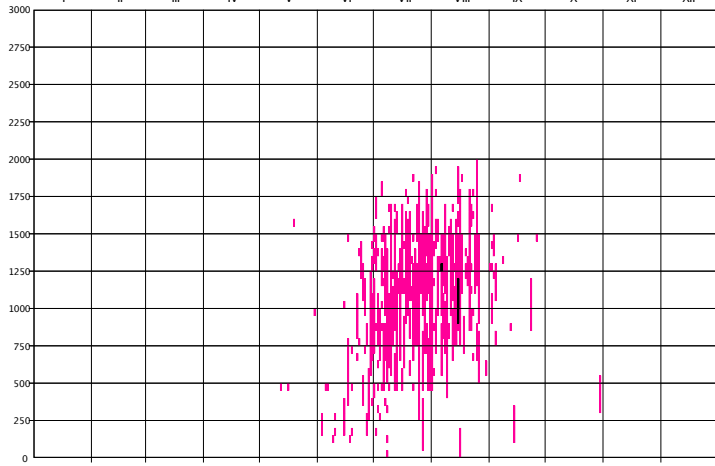
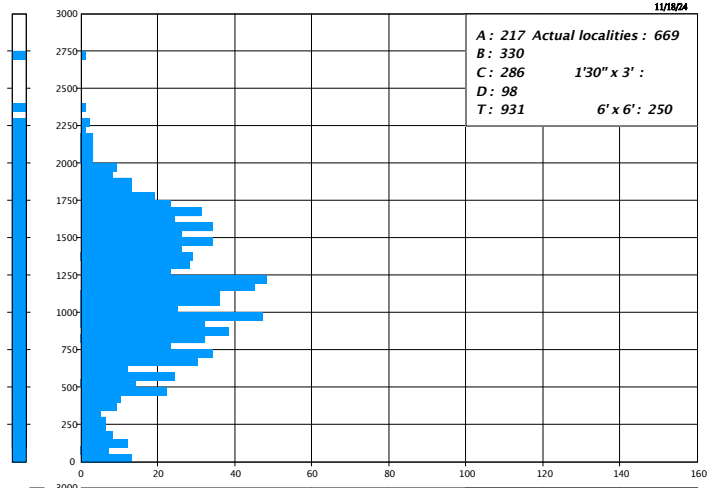
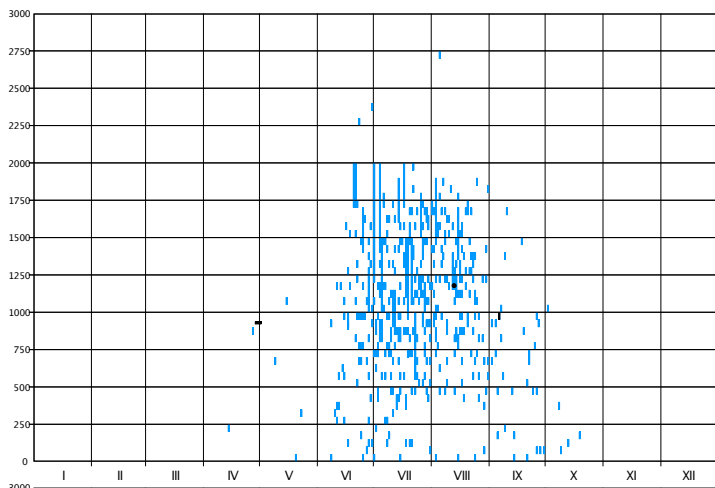


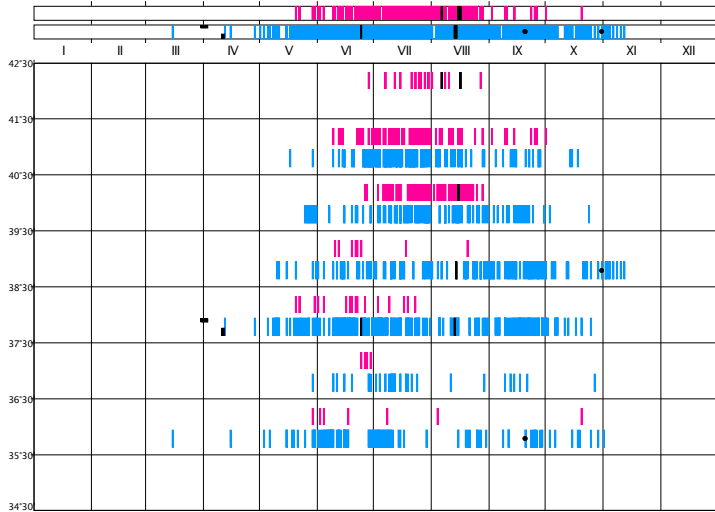
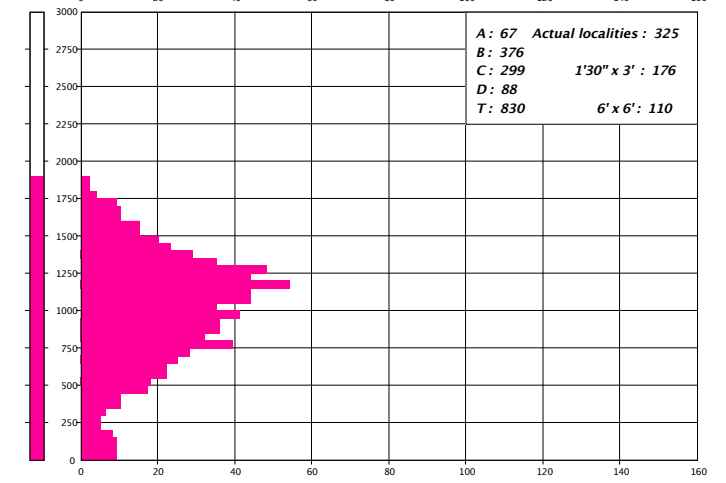
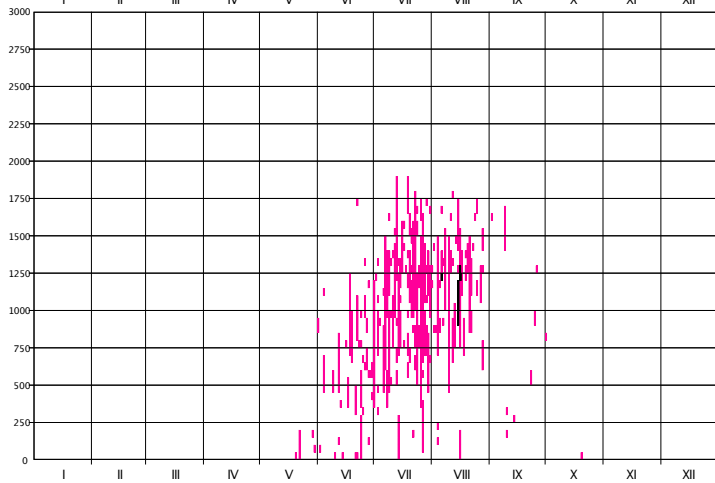
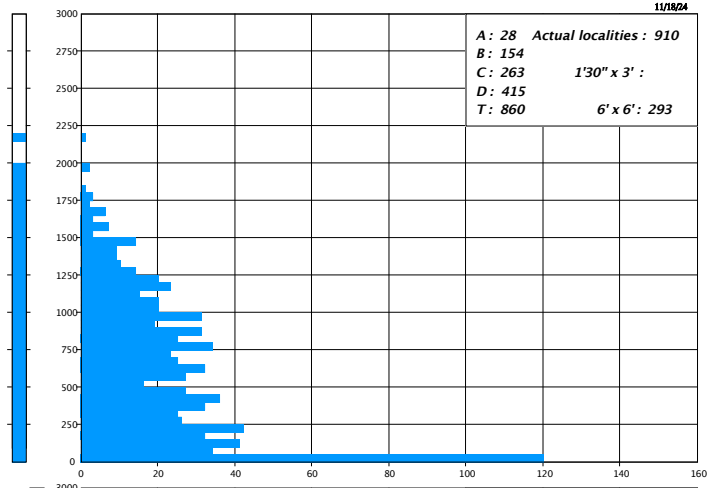
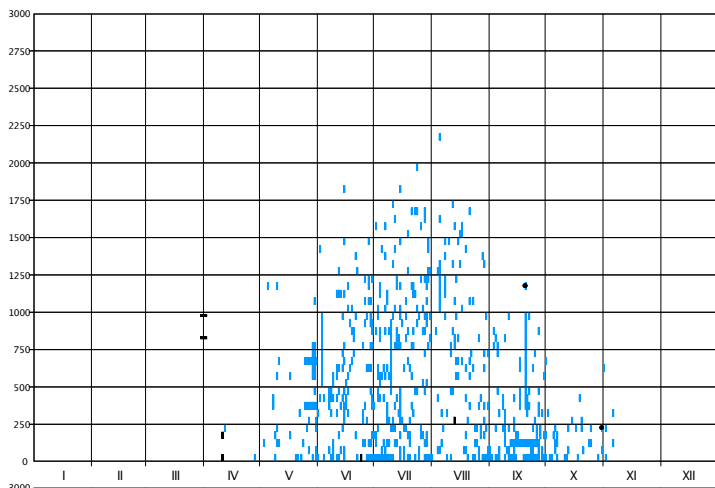
SATYRIDAE *Melanargia russiae*



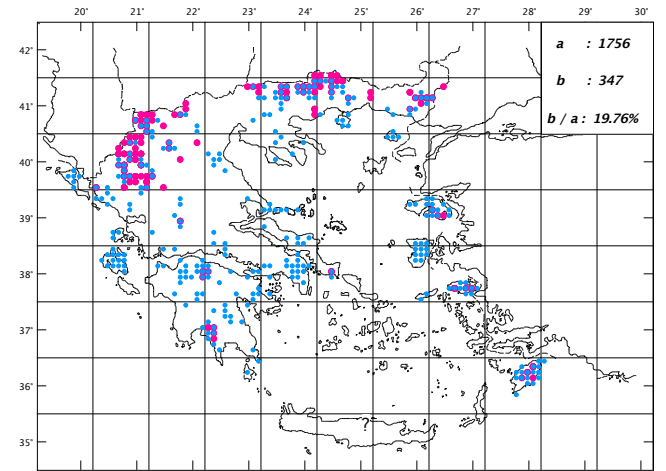


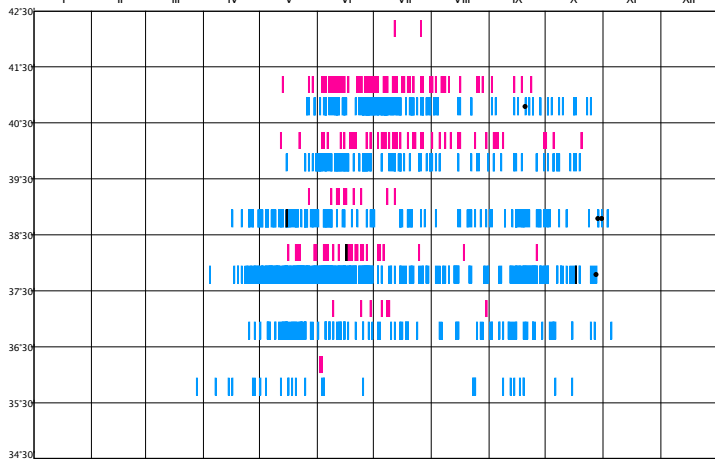
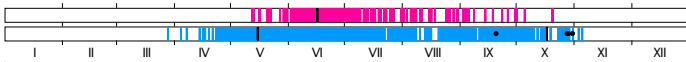
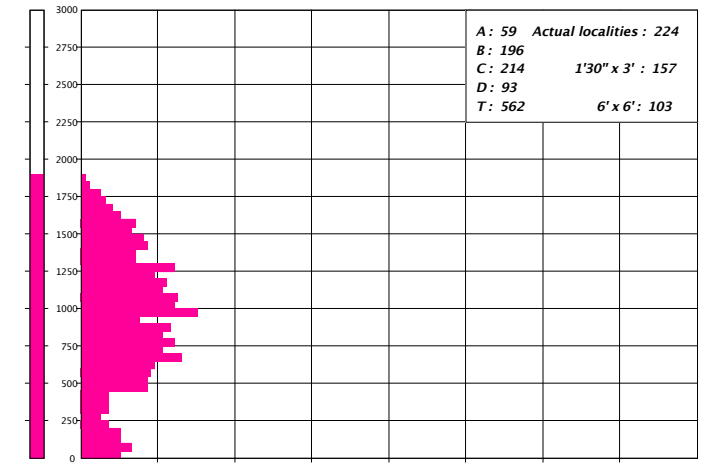
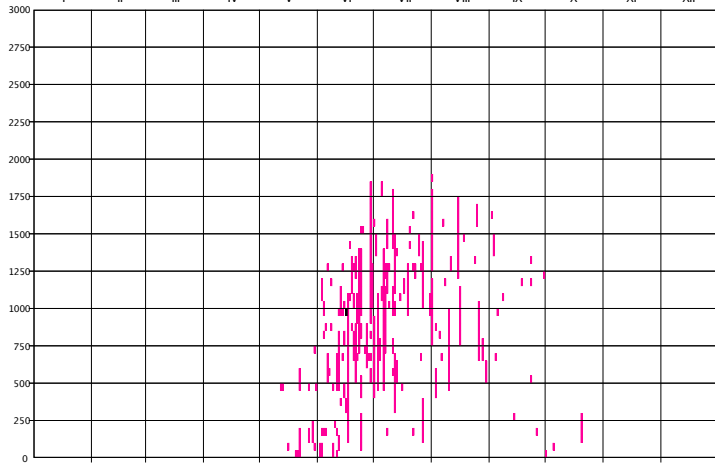
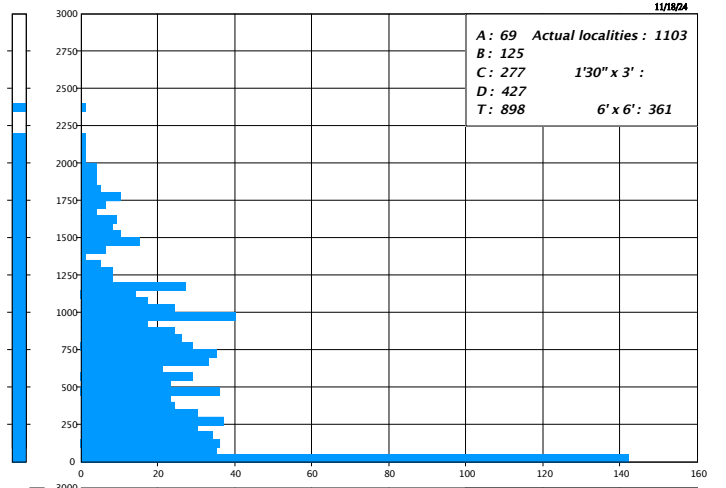
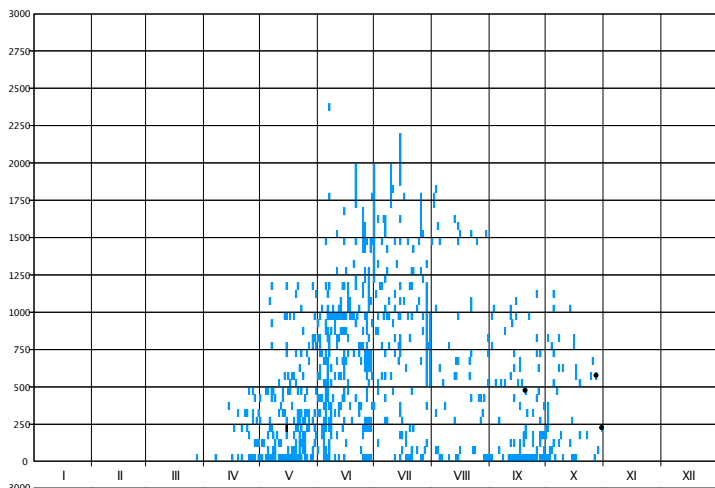




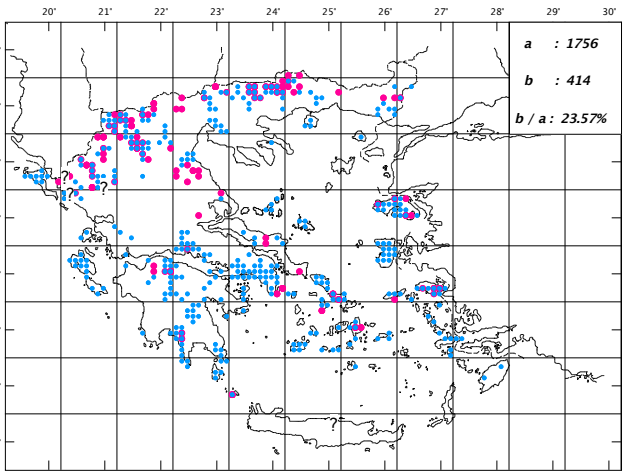


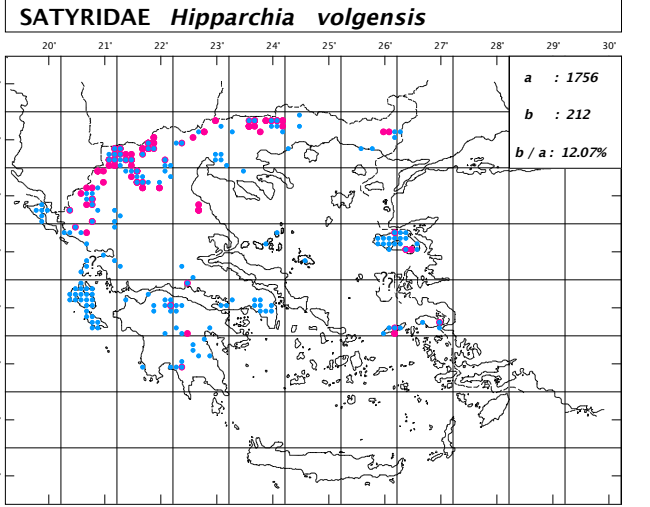
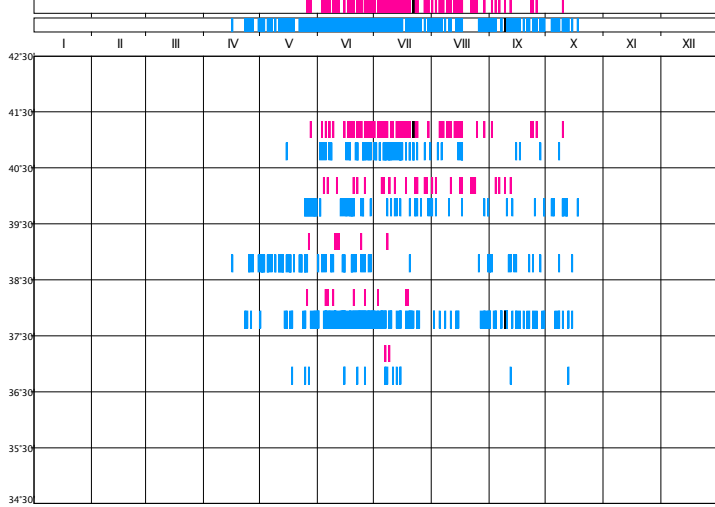
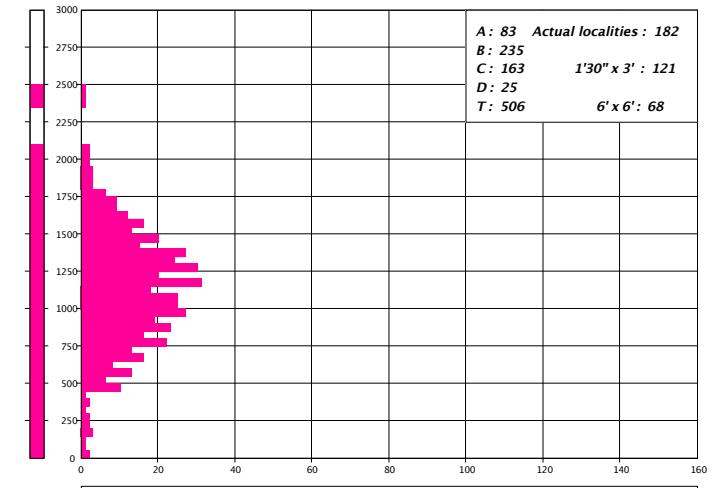
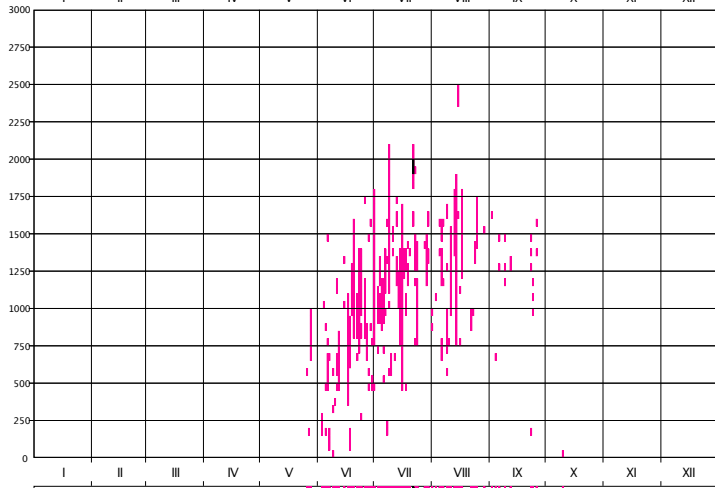
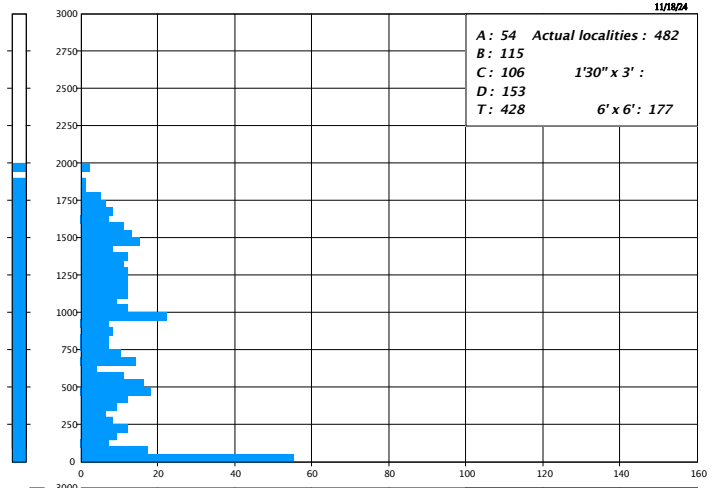
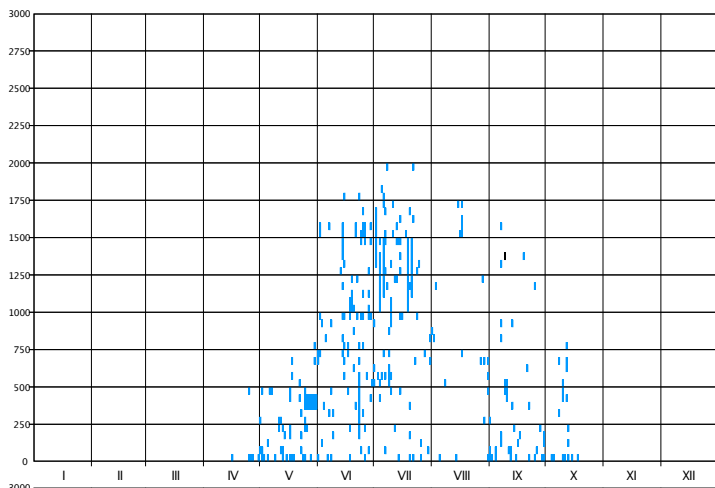
SATYRIDAE *Hipparchia syriaca*

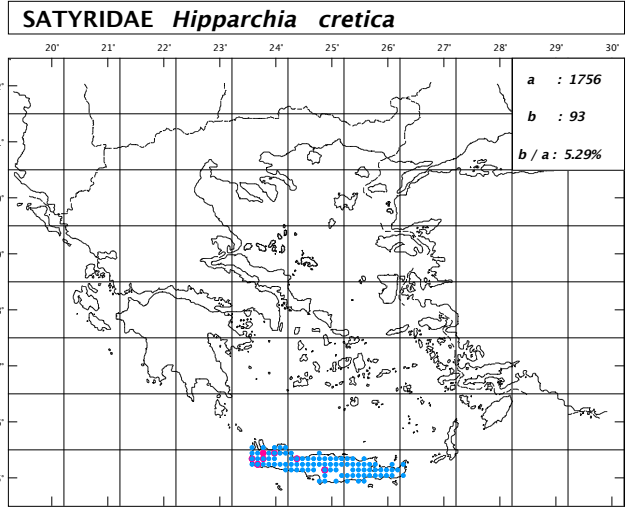
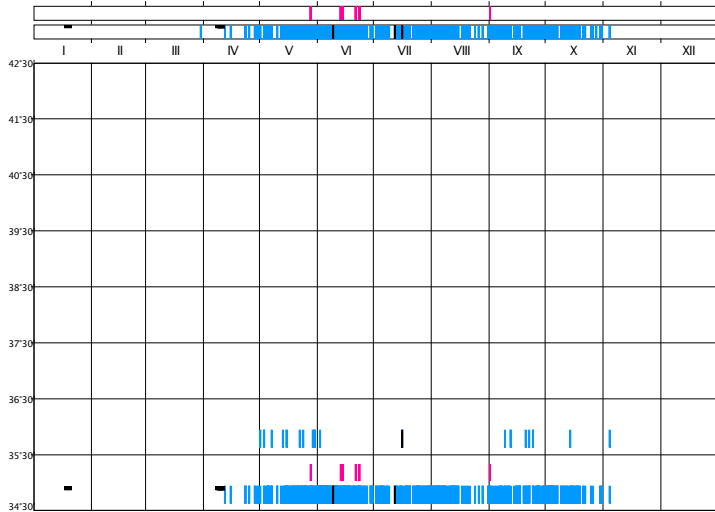
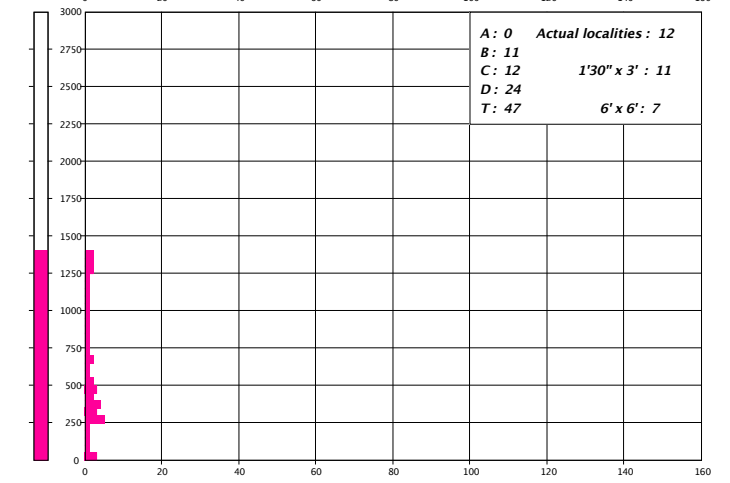
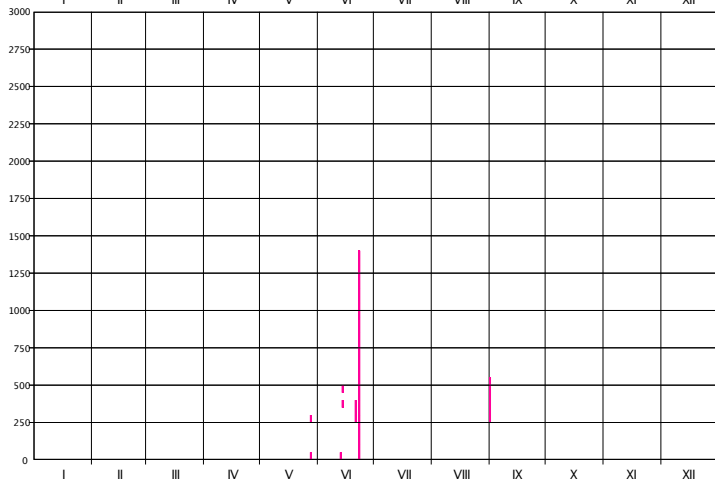
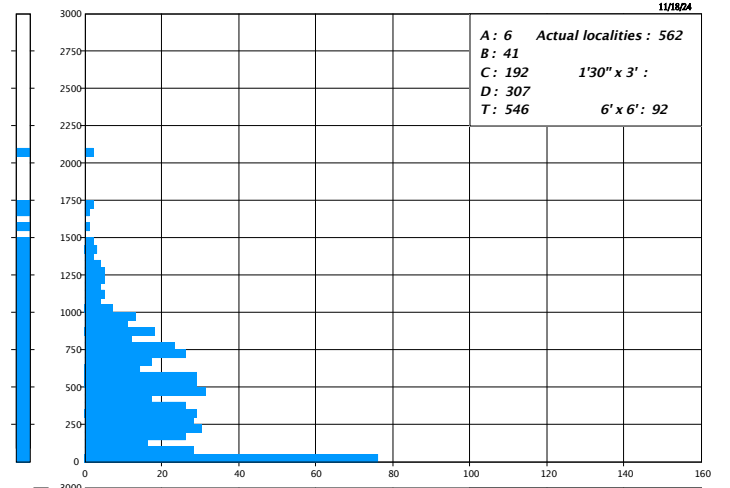
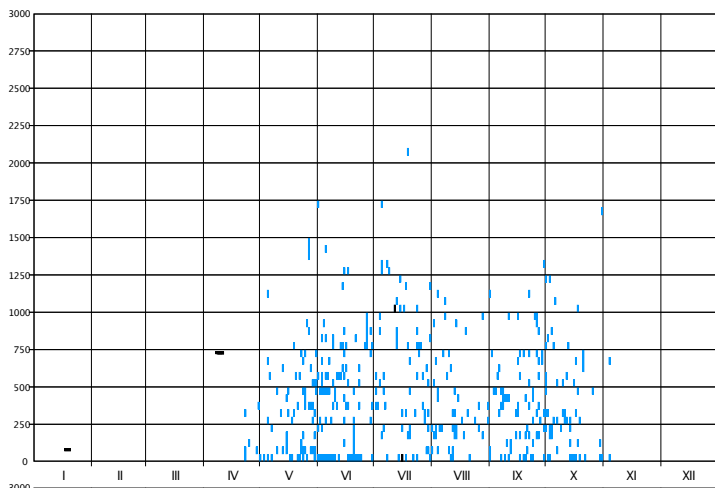


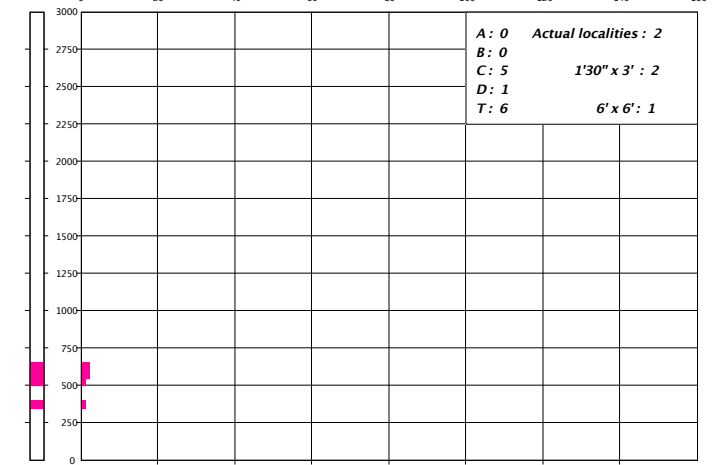
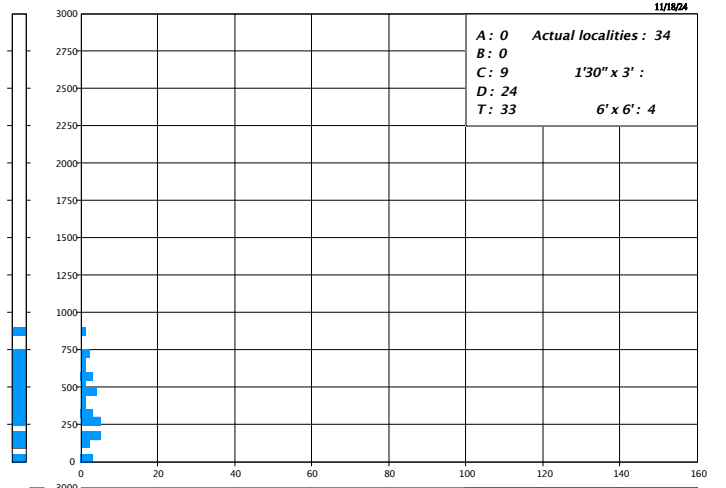
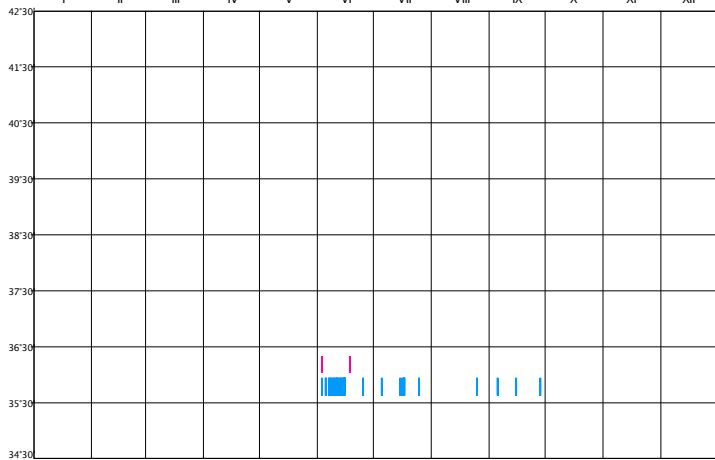
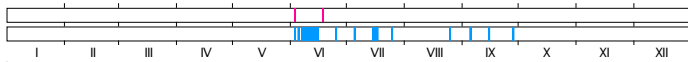
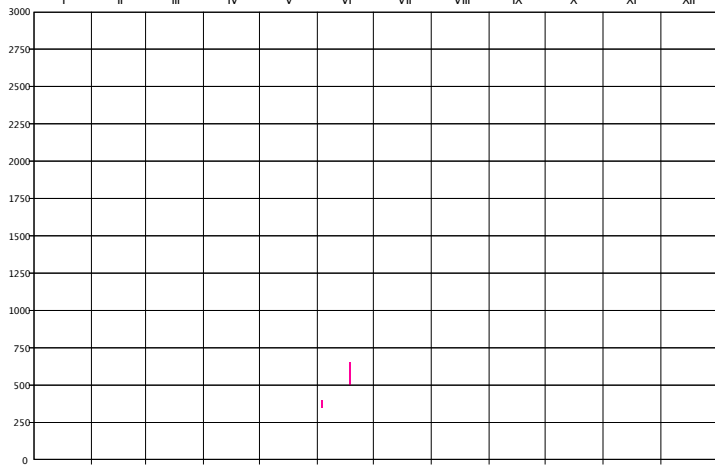
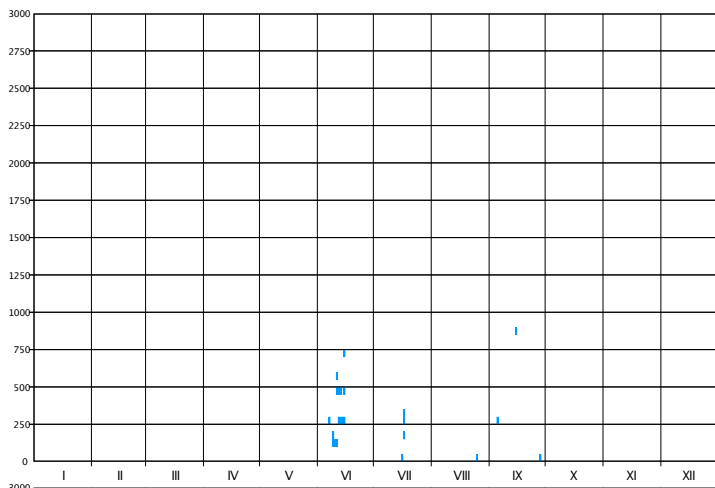


SATYRIDAE *Hipparchia senthes*

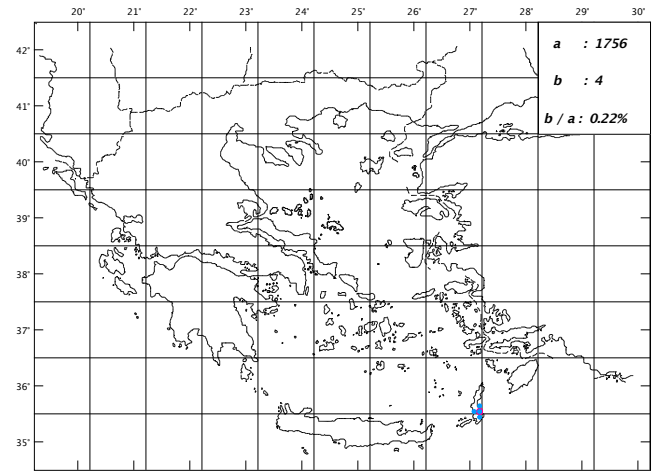


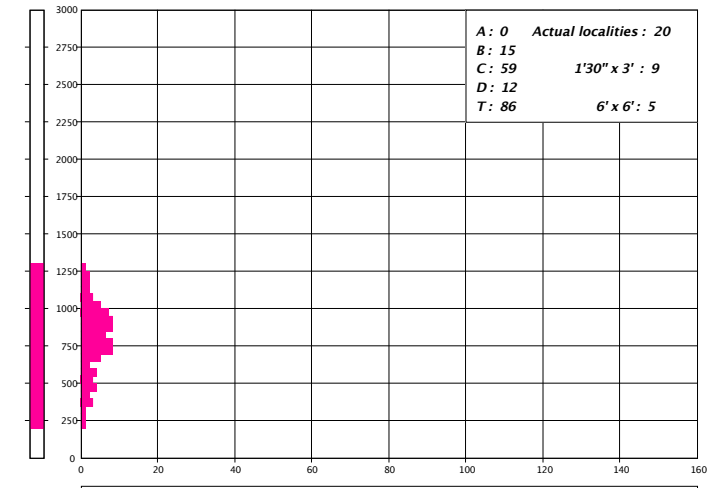
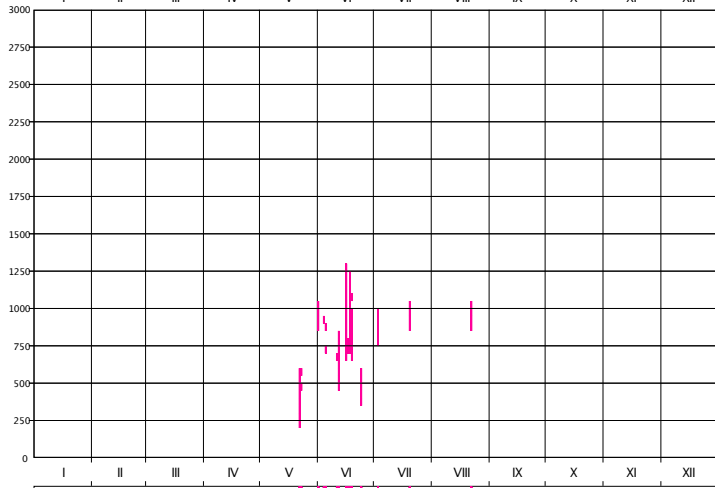
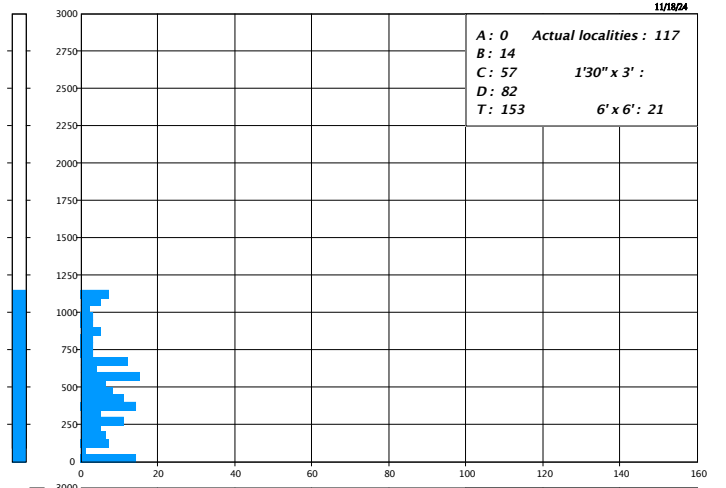
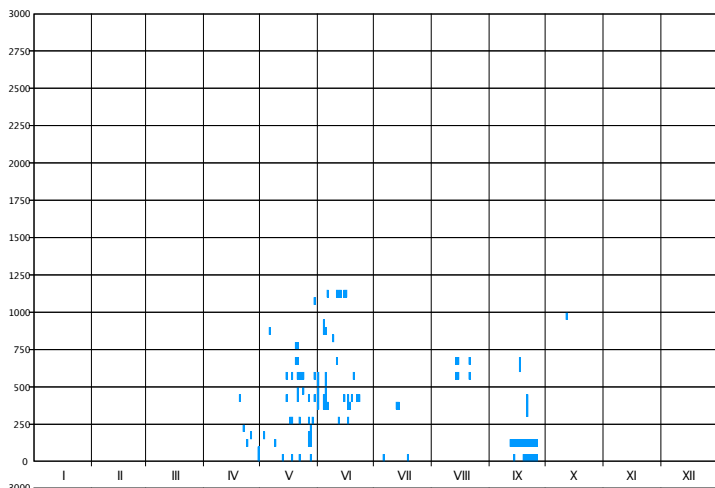




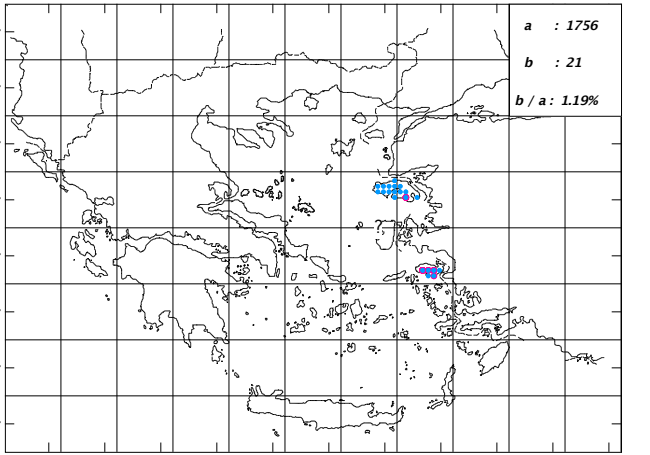
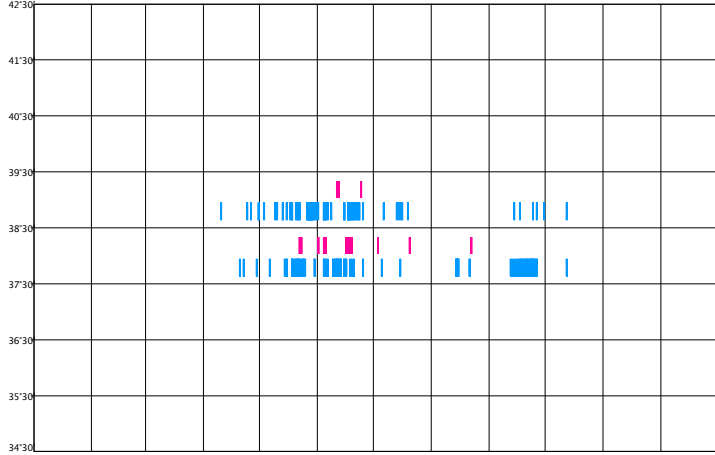


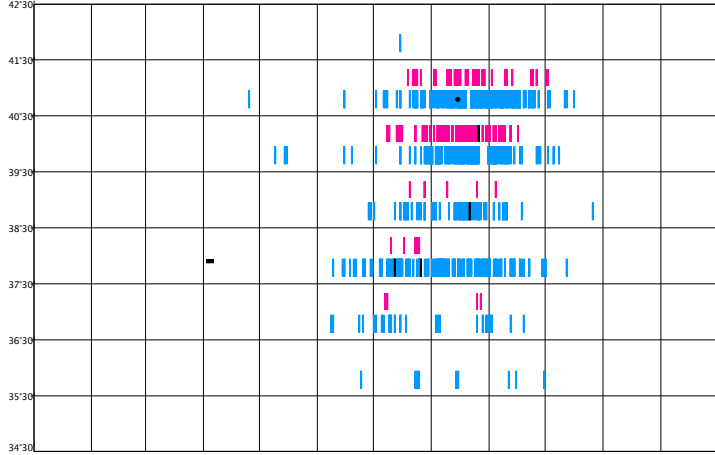
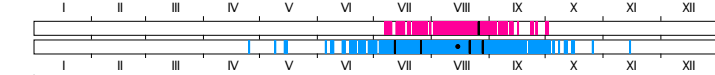
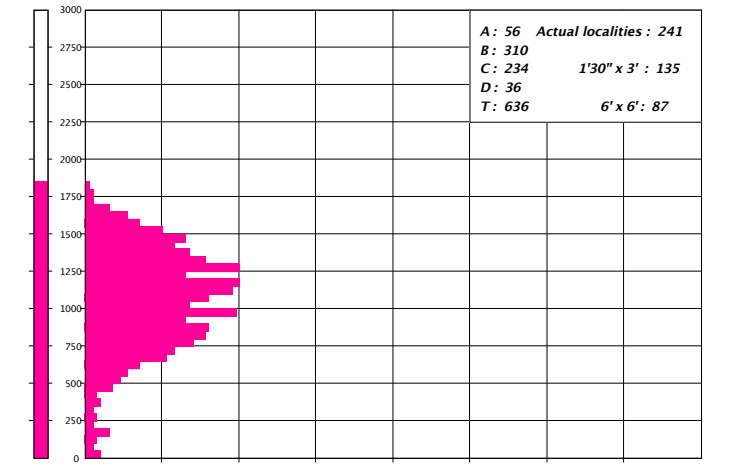
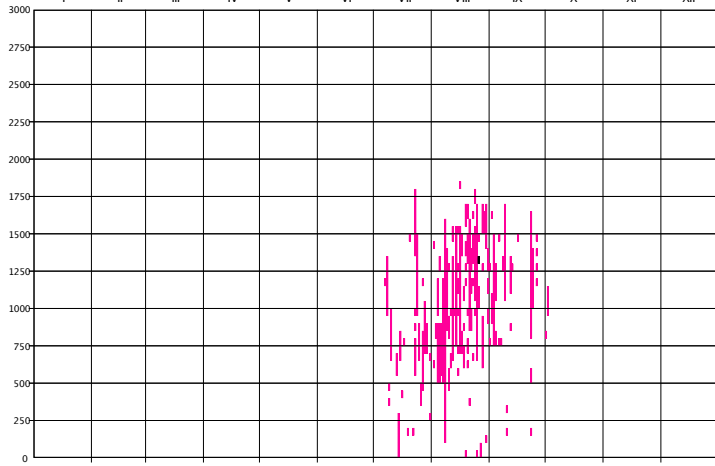
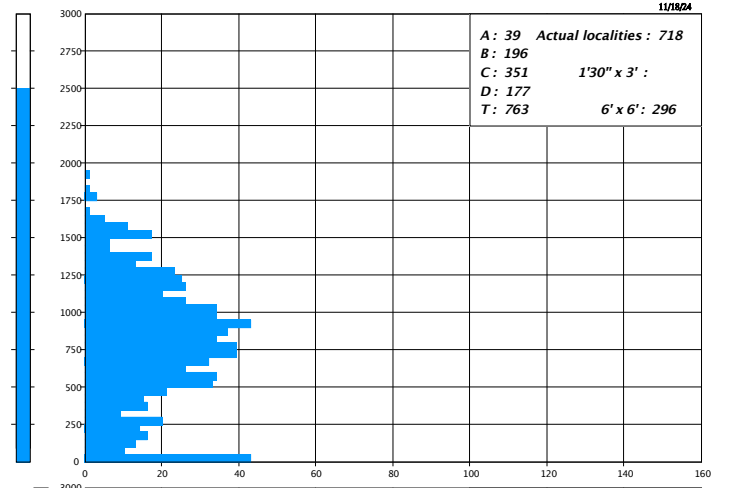
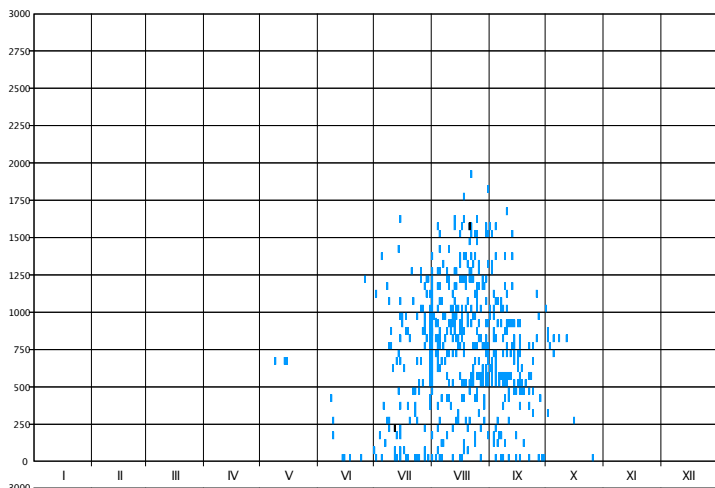
SATYRIDAE *Hipparchia christenseni*



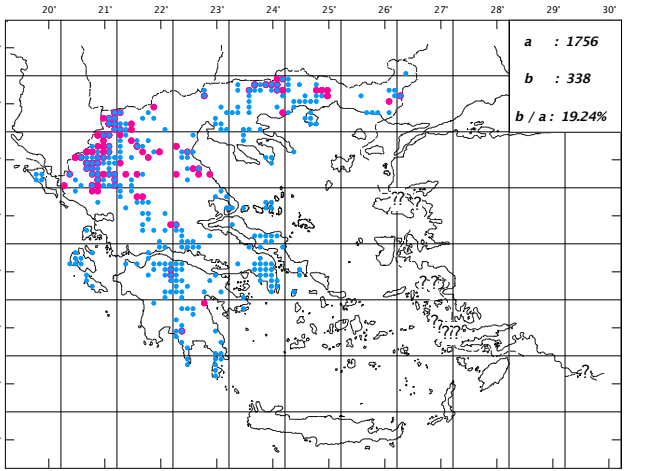


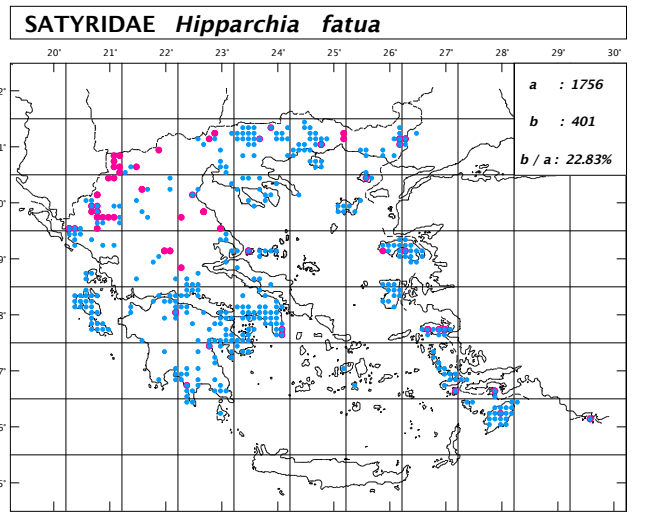
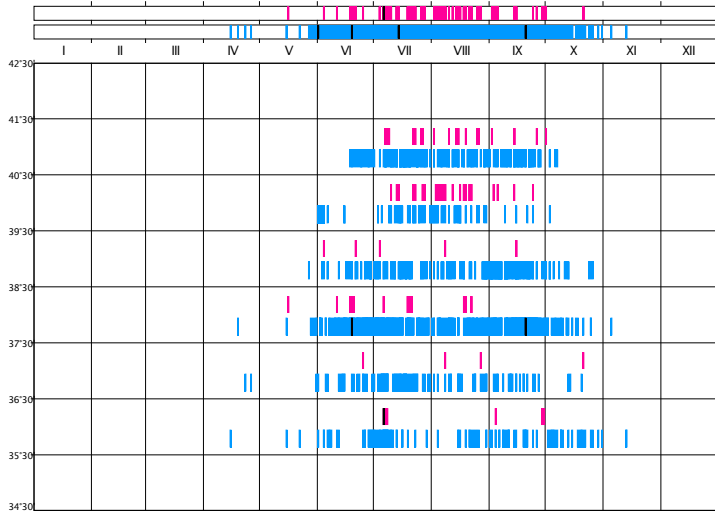
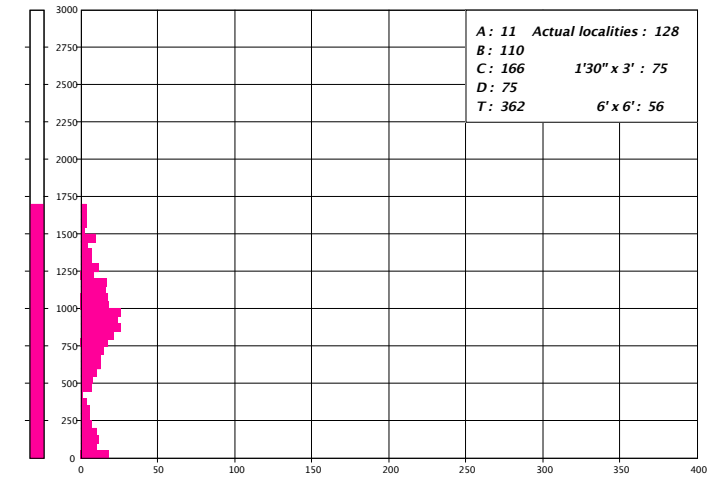
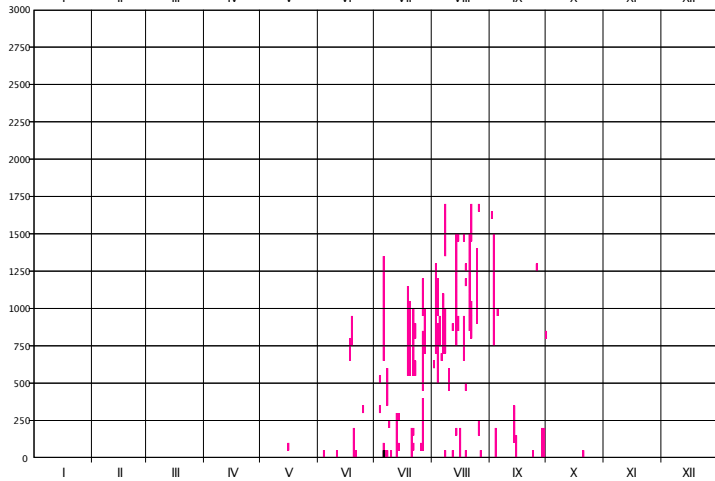
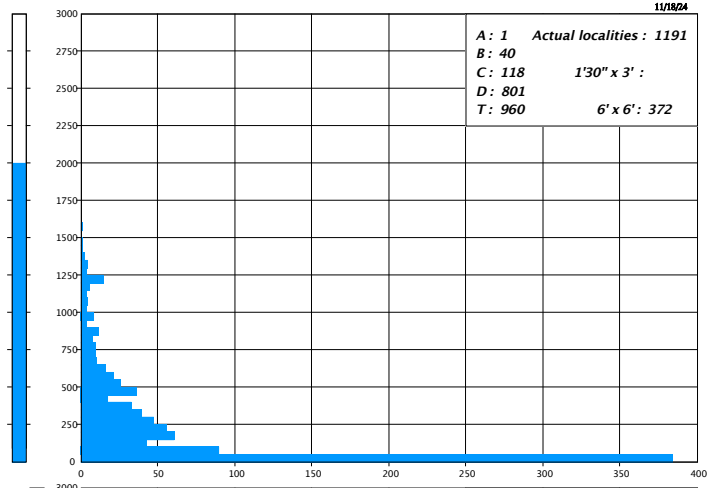
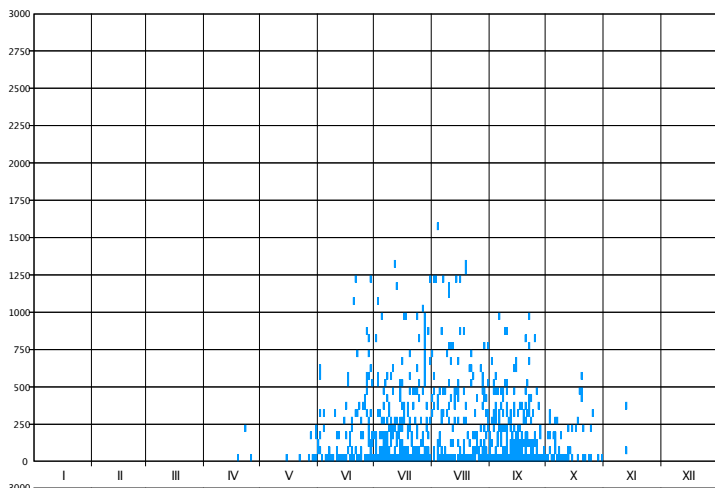
SATYRIDAE *Hipparchia mersina*

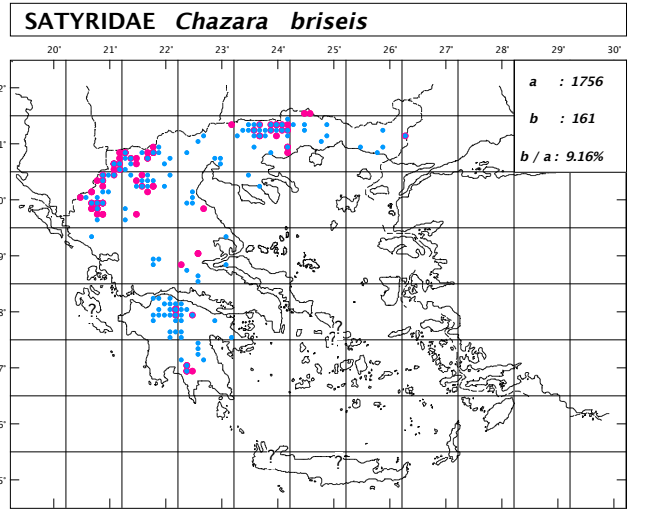
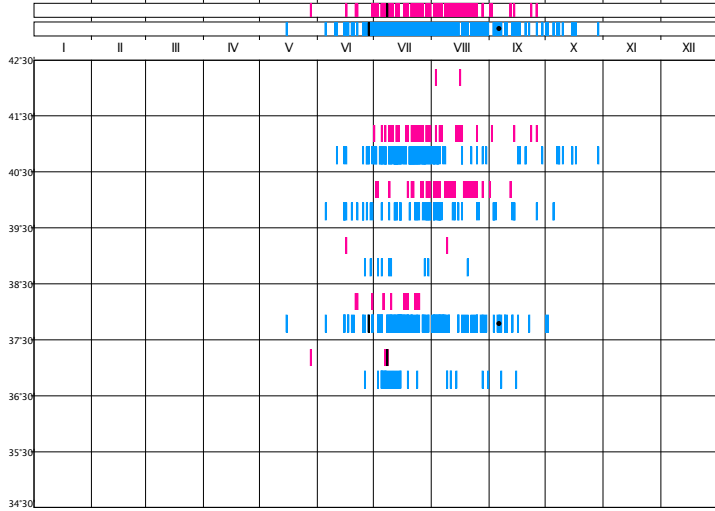
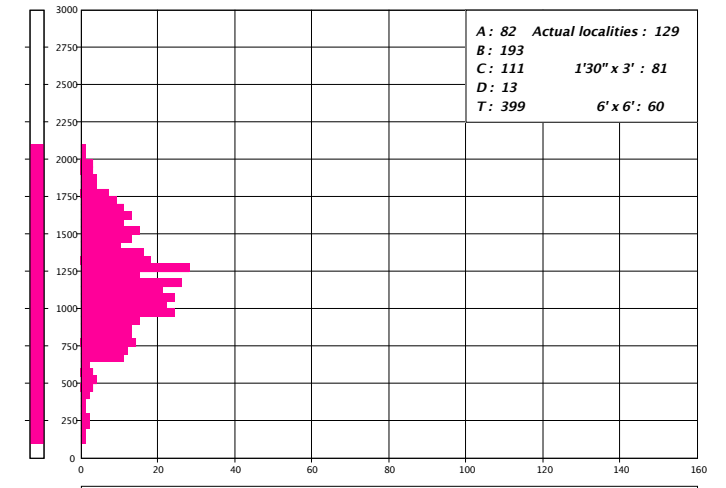
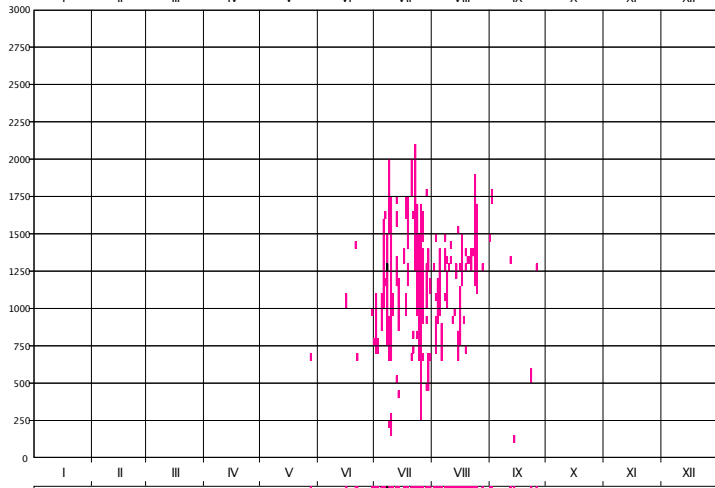
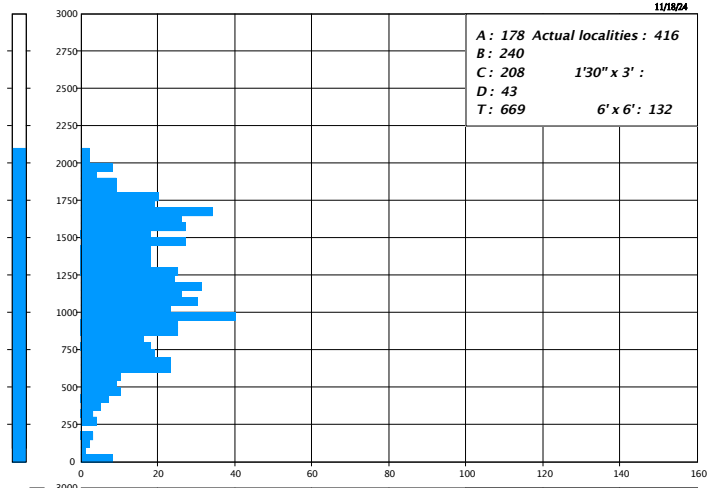
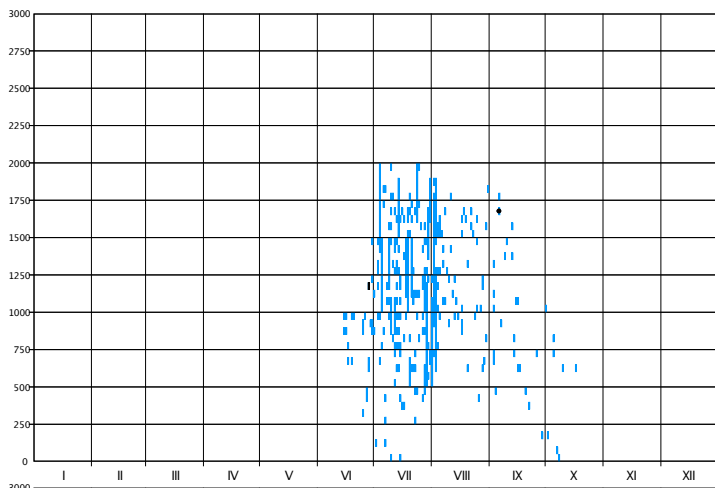


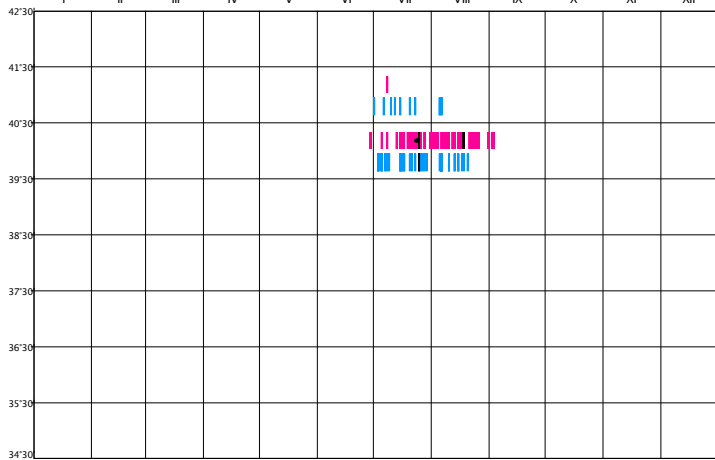
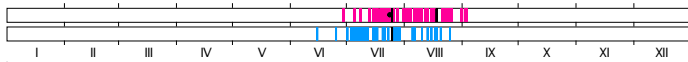
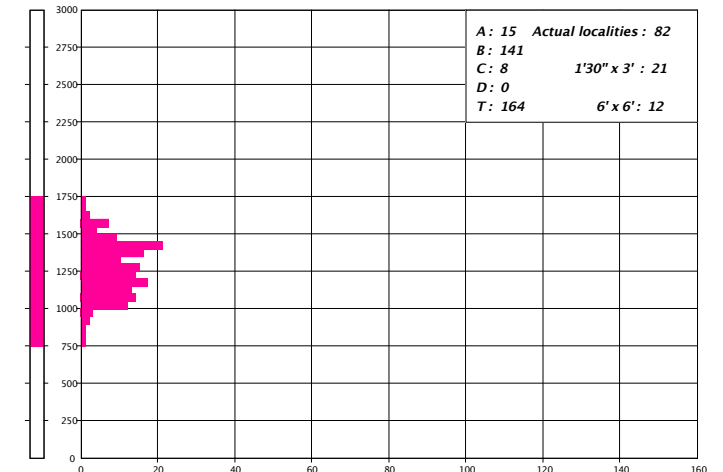
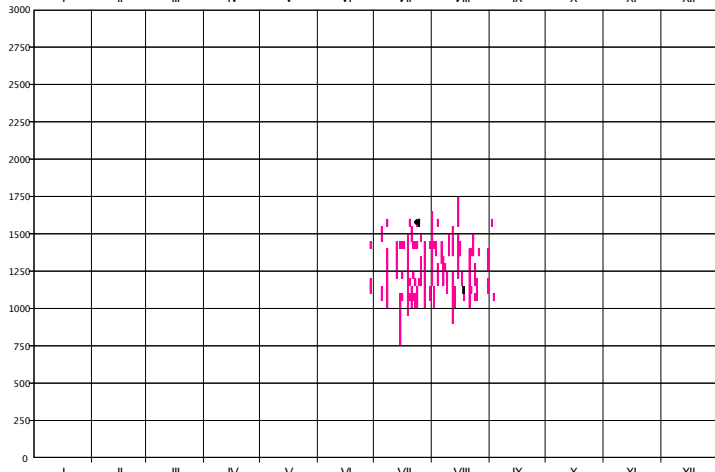
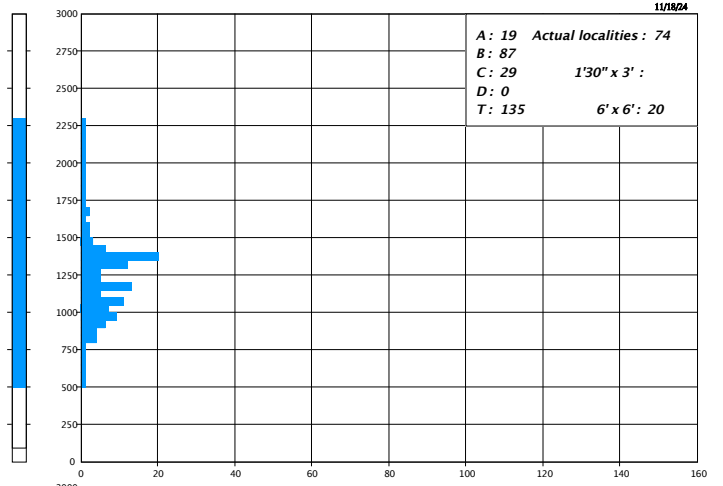
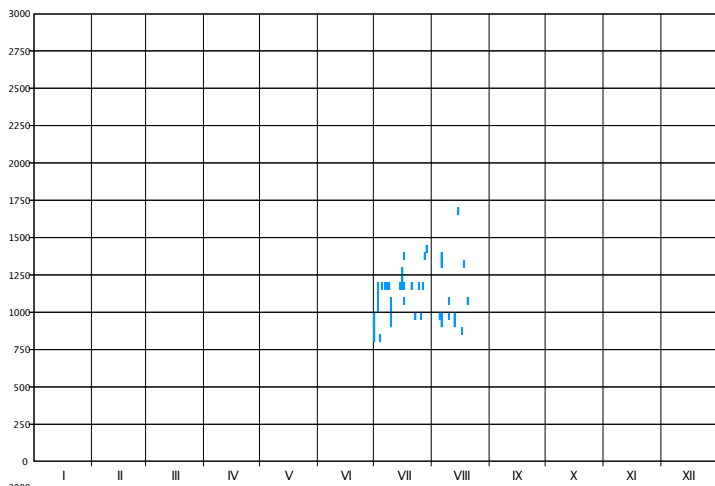


SATYRIDAE *Hipparchia statilinus*

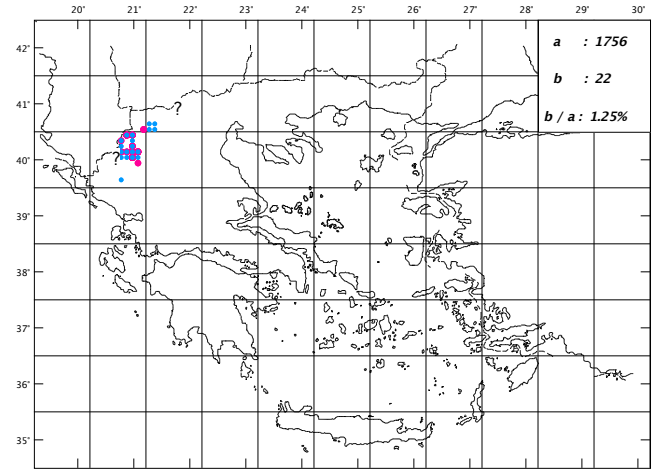


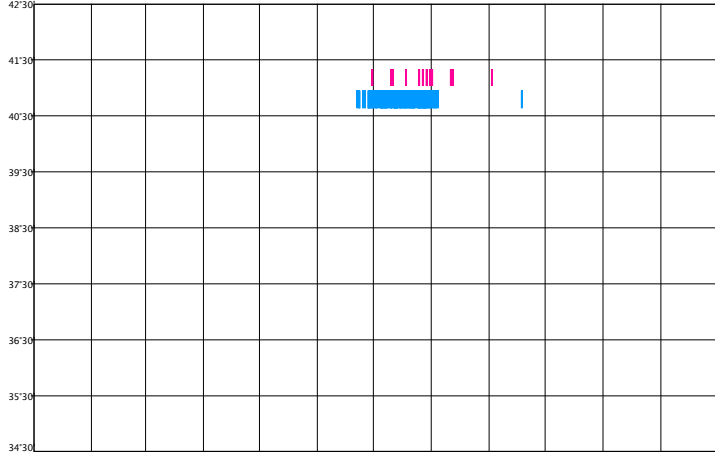
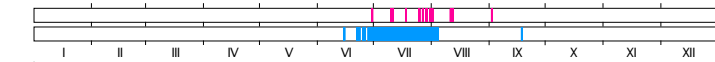
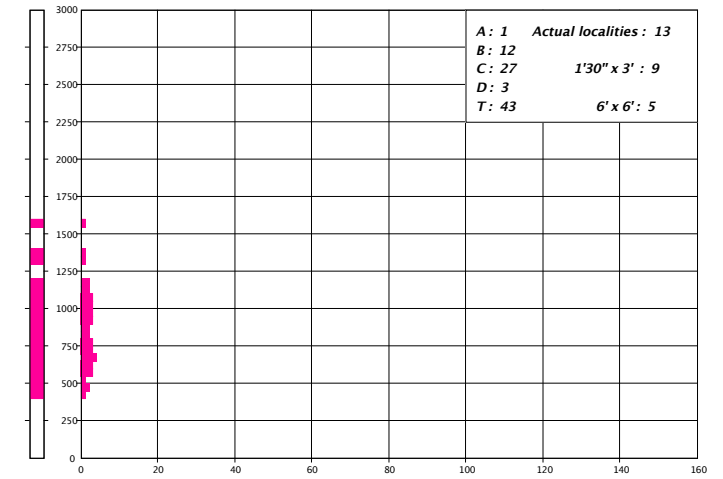
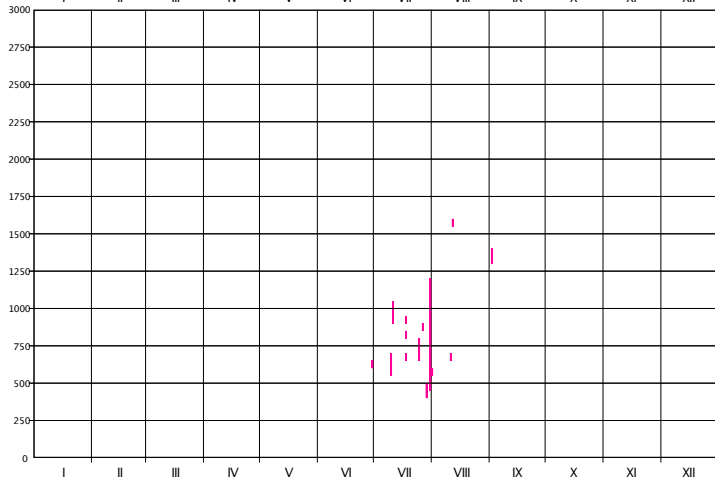
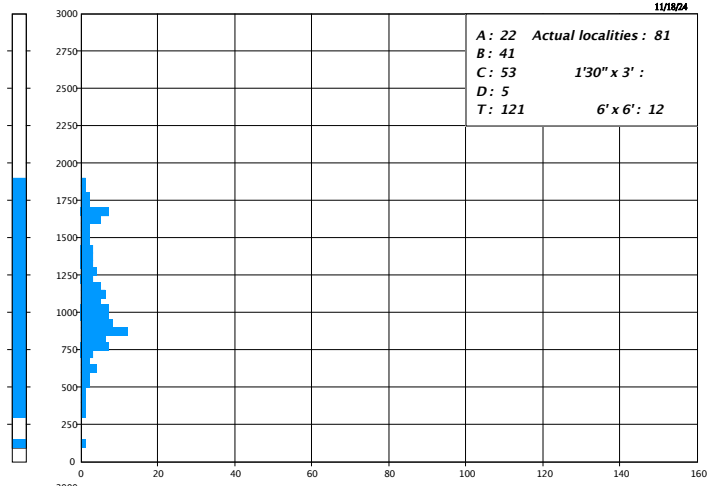
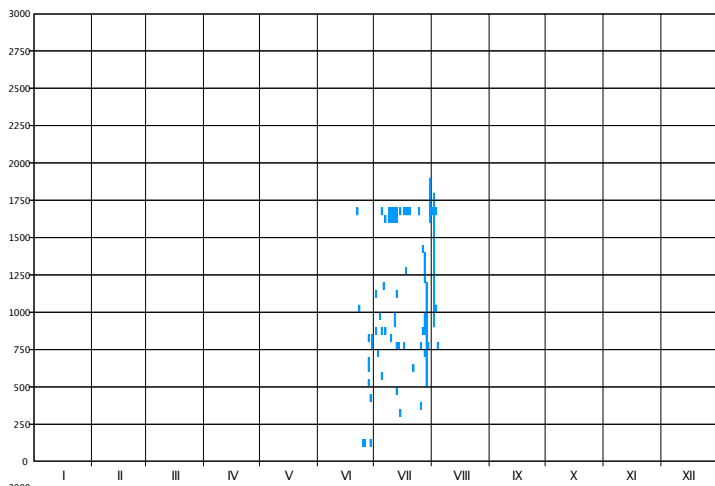




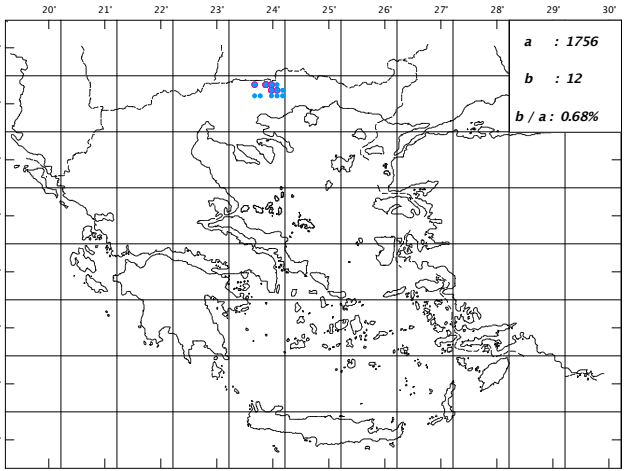


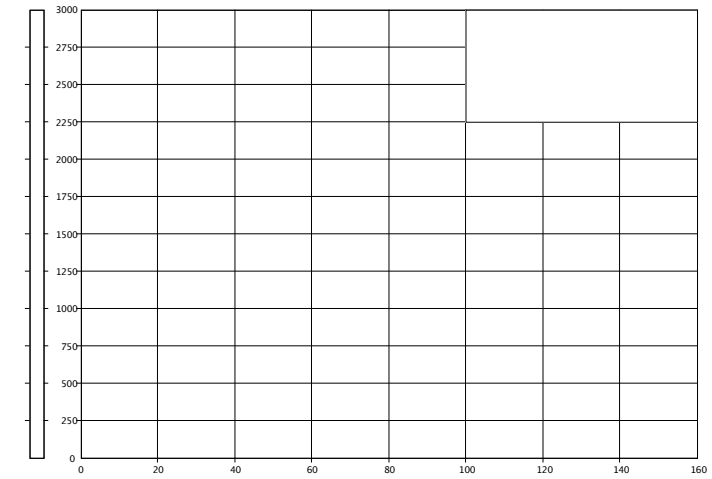
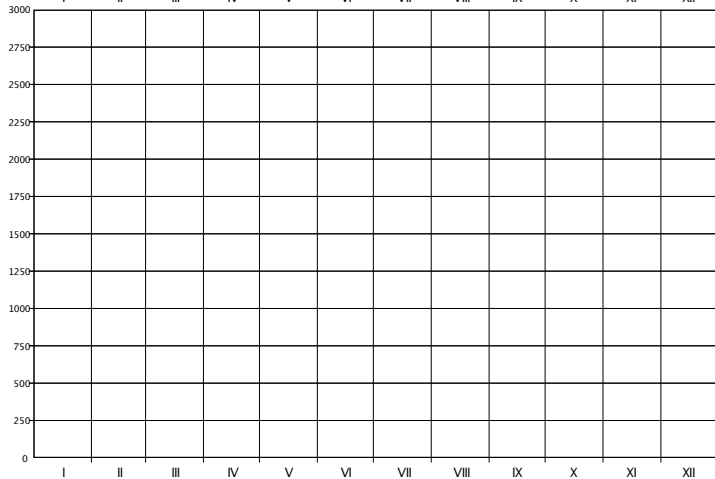
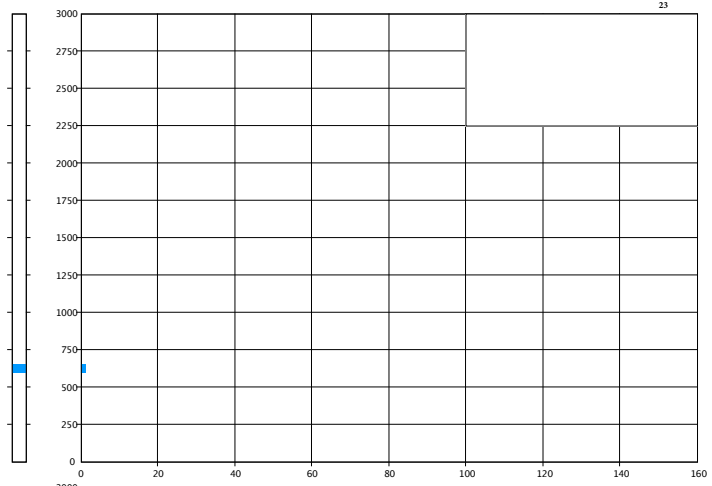
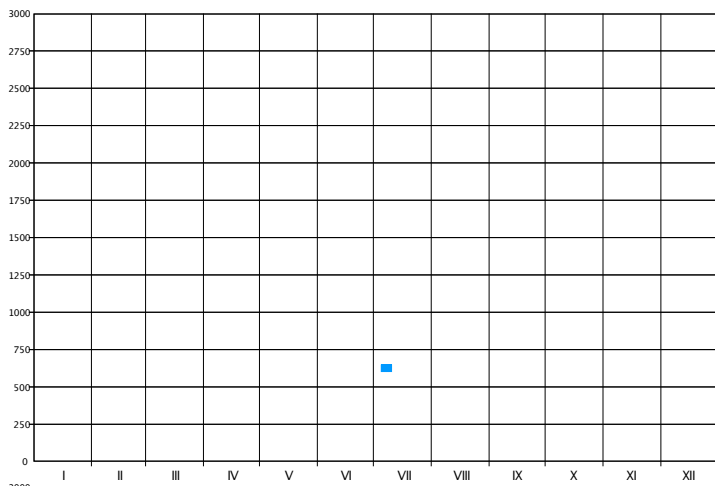
SATYRIDAE *Pseudochazara tisiphone*



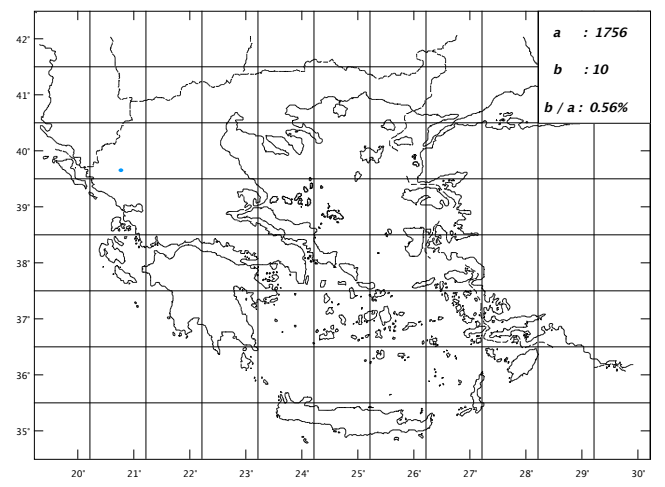
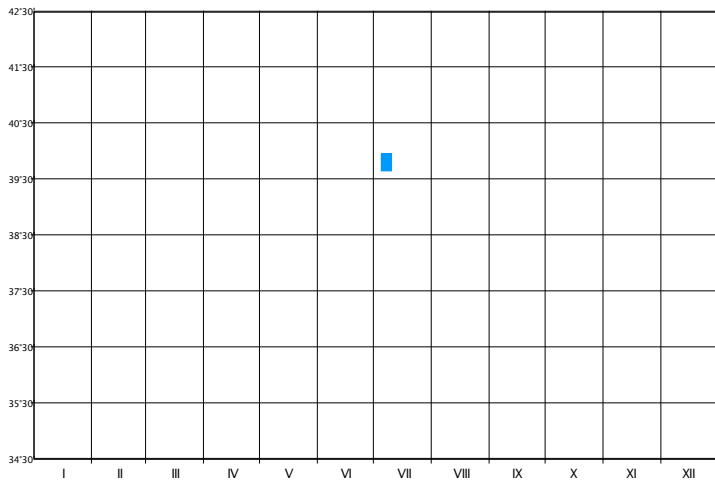


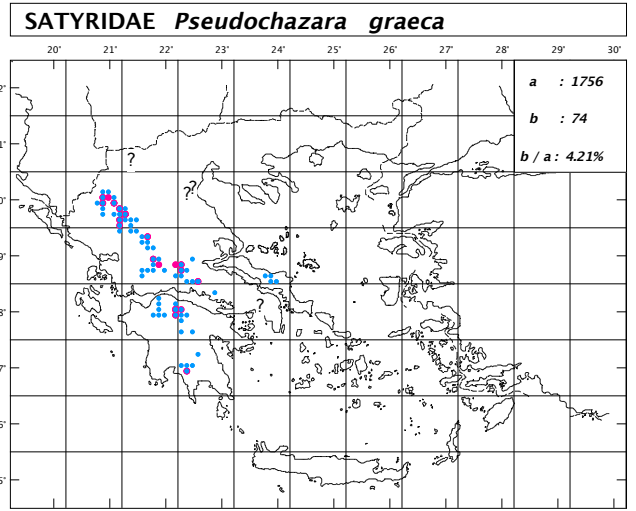
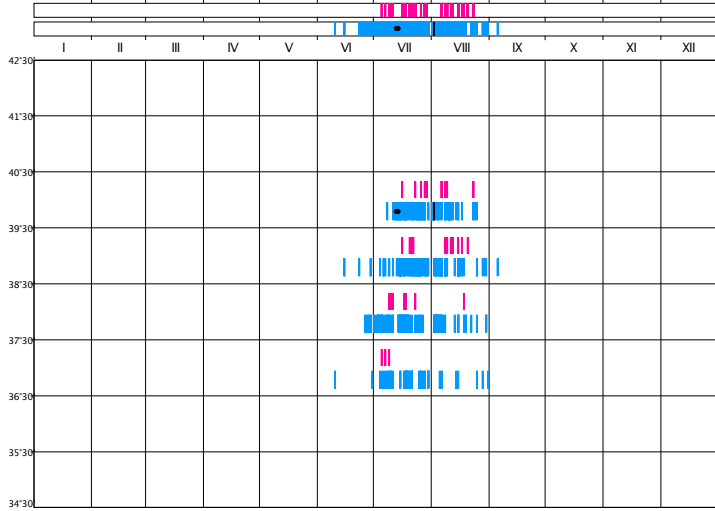
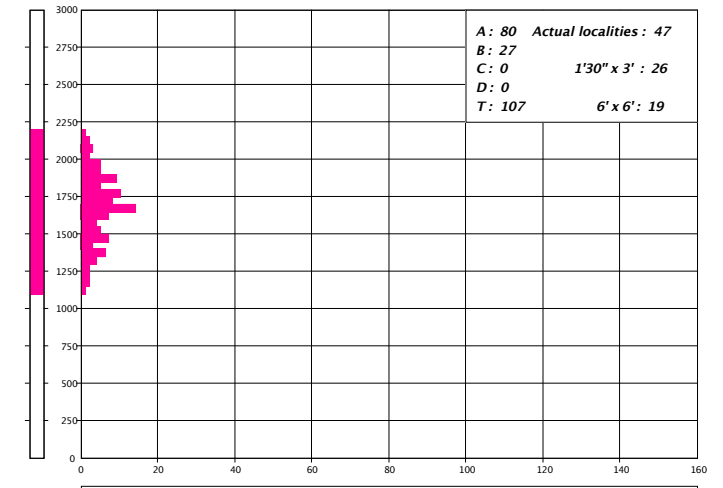
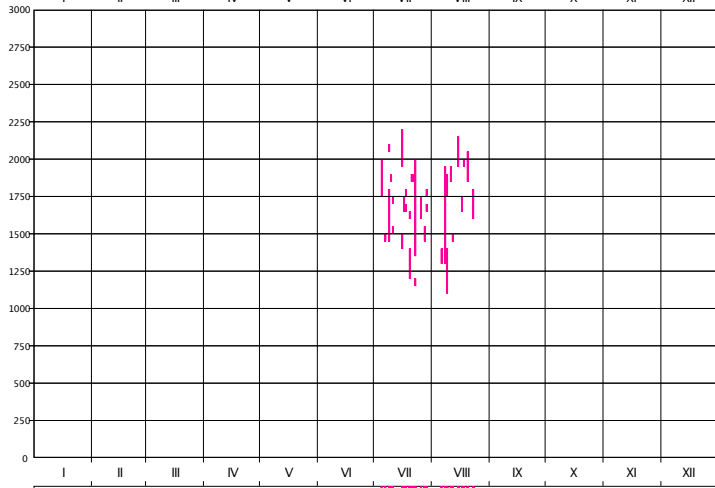
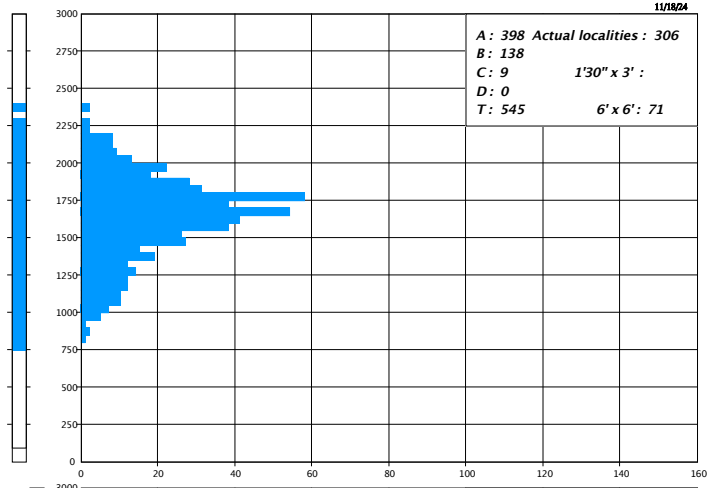
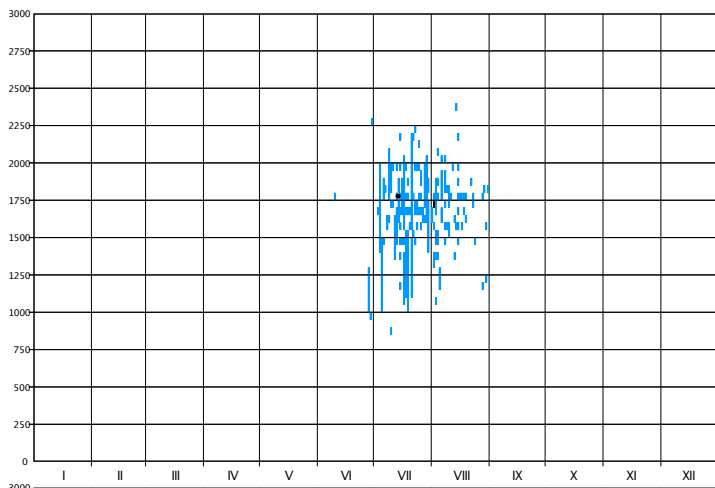
SATYRIDAE *Pseudochazara orestes*

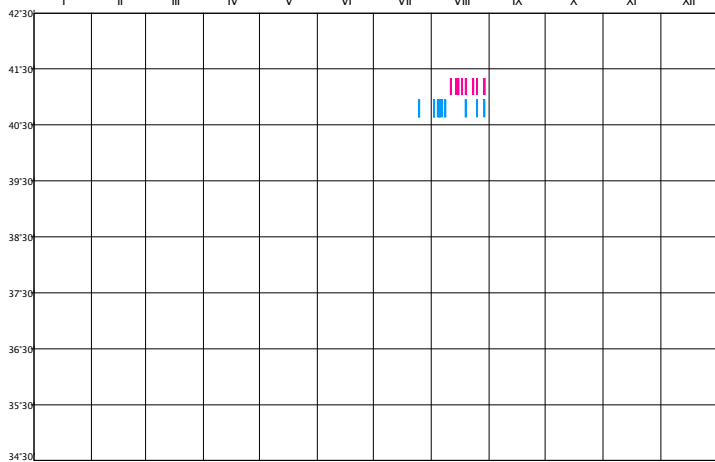
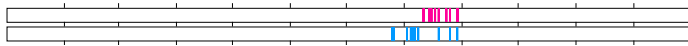
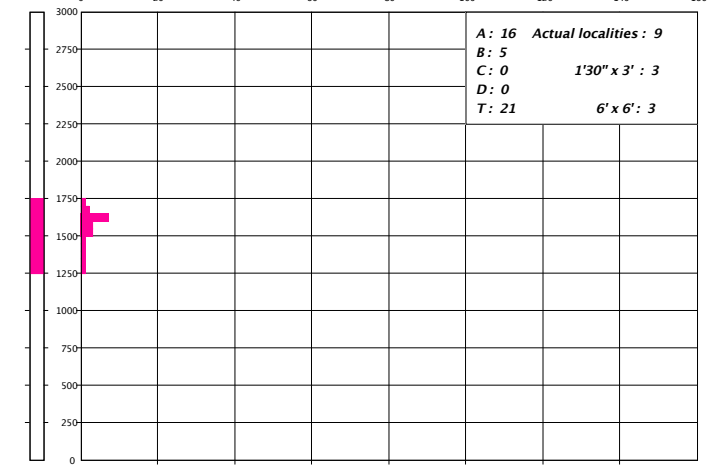
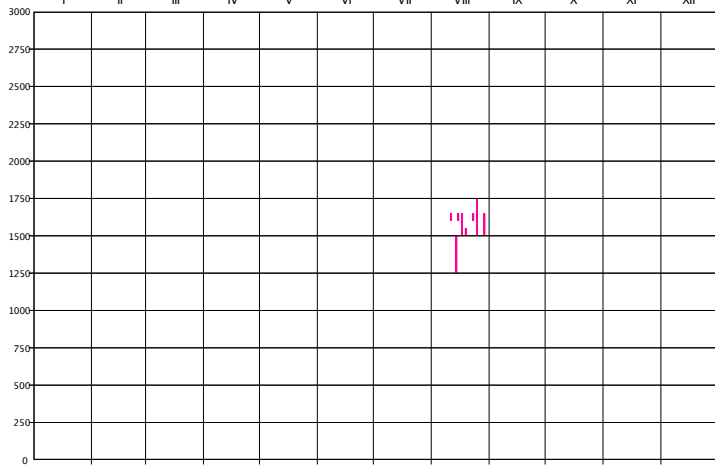
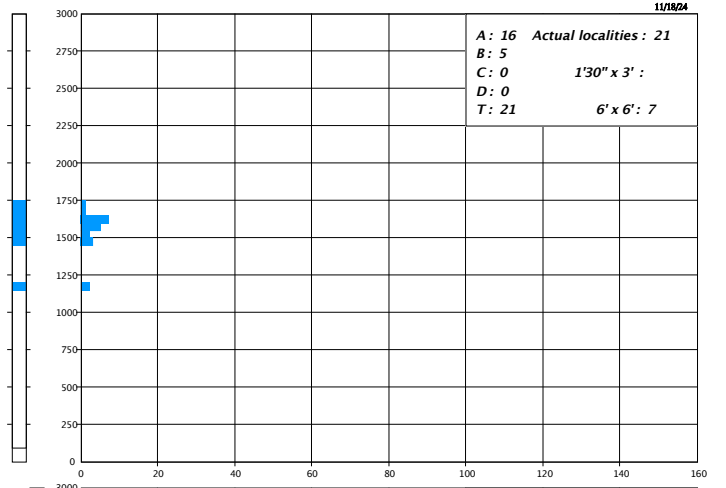
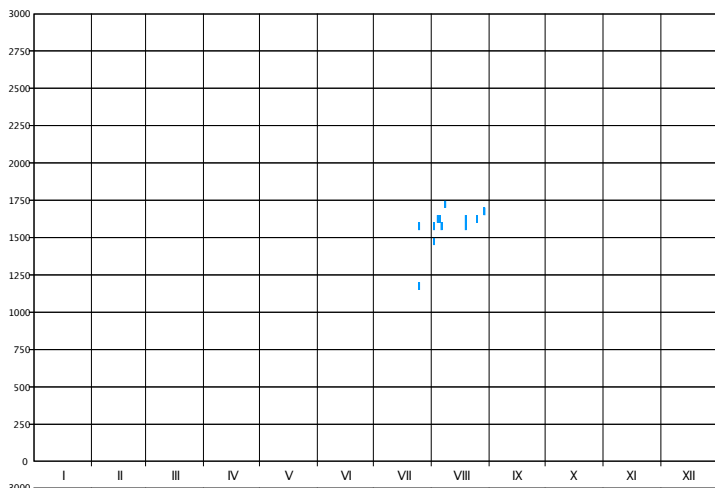




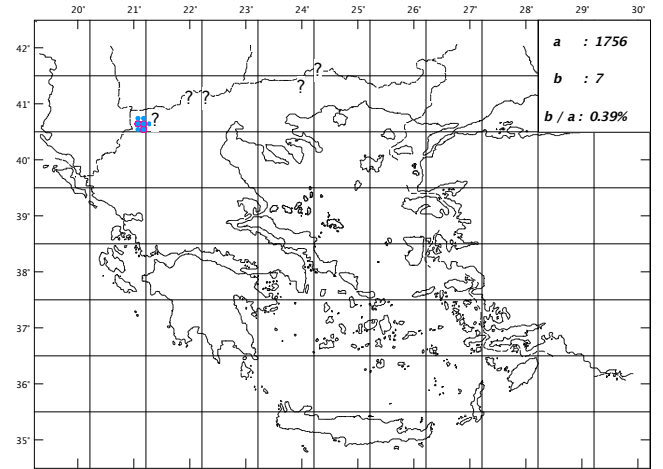
SATYRIDAE *Pseudochazara amymone*

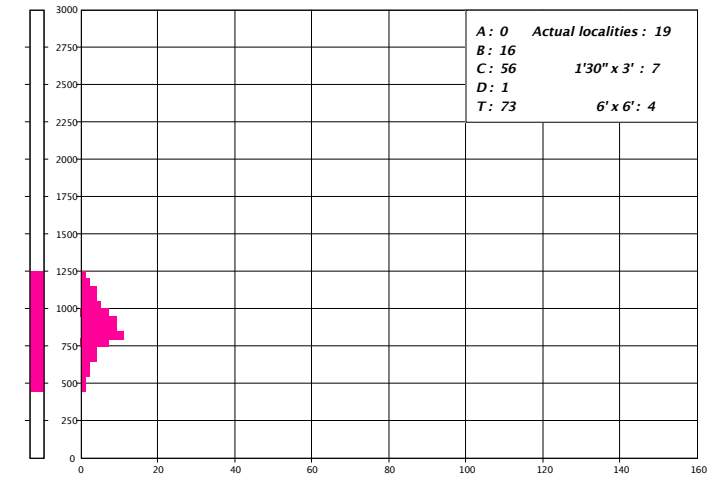
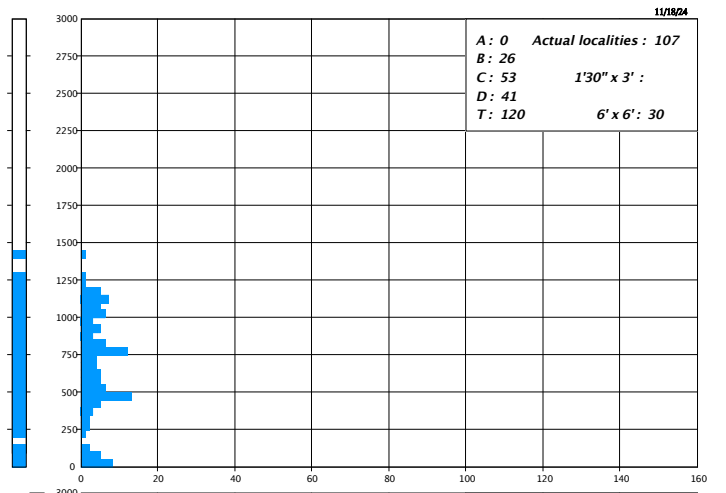
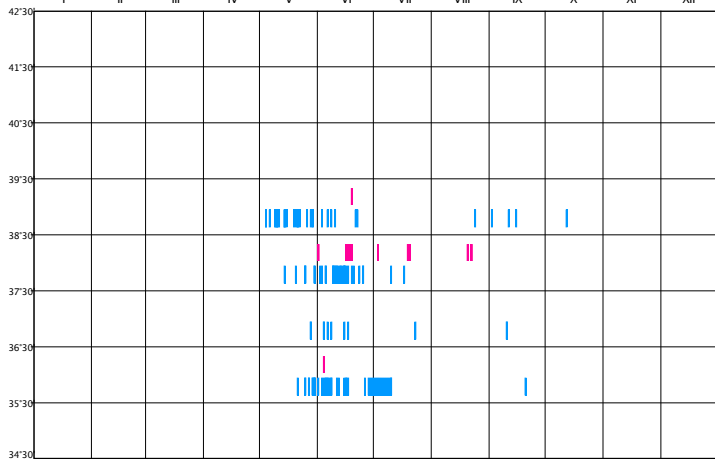
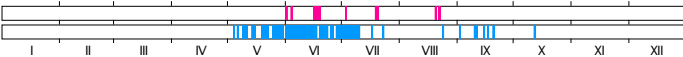
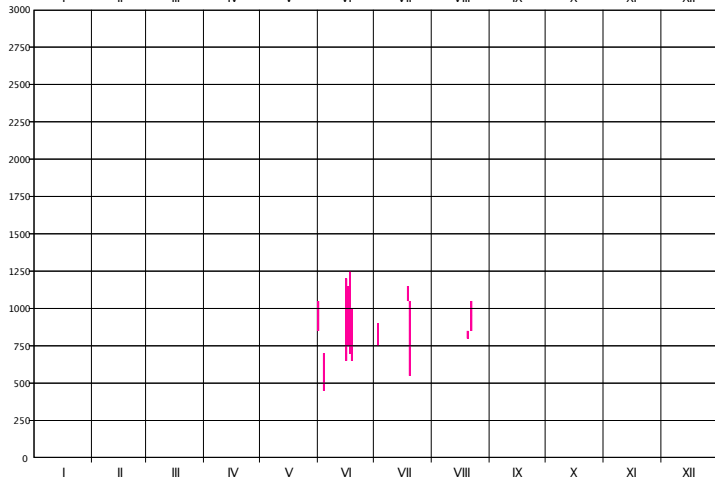
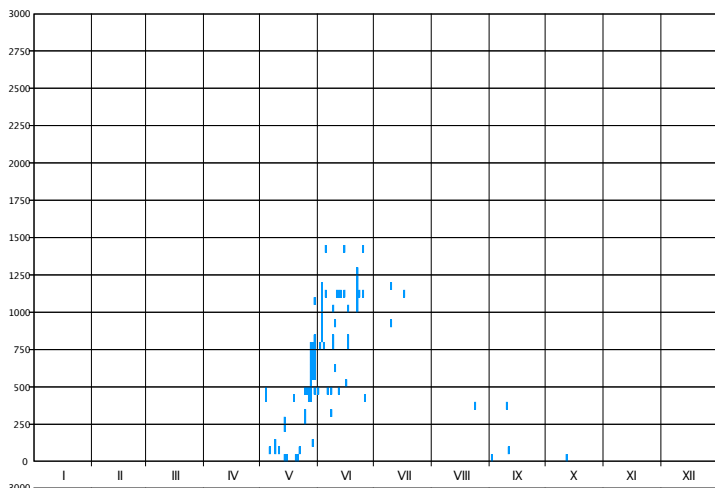




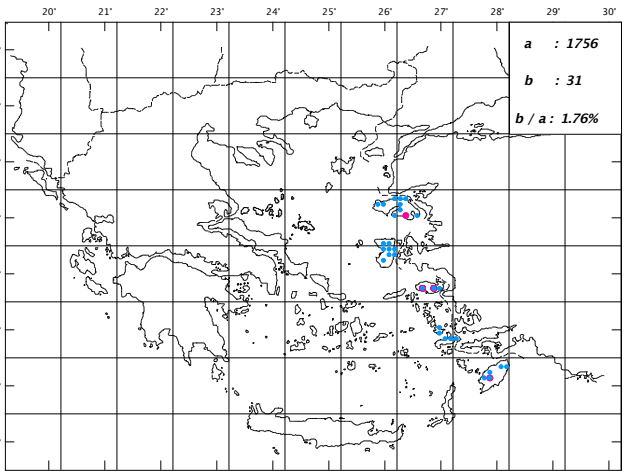


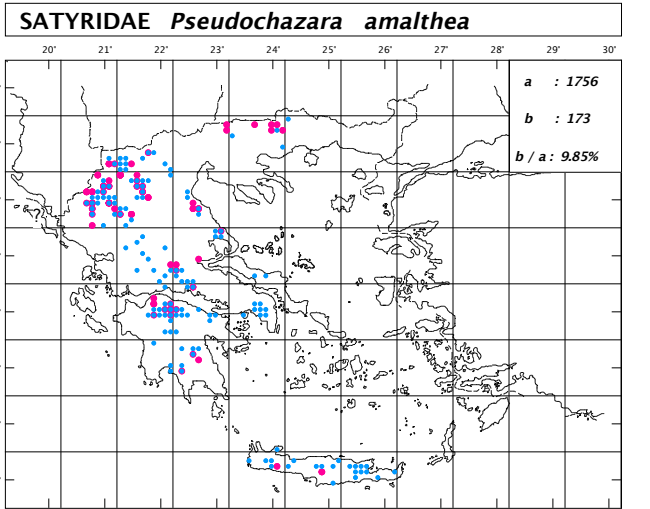
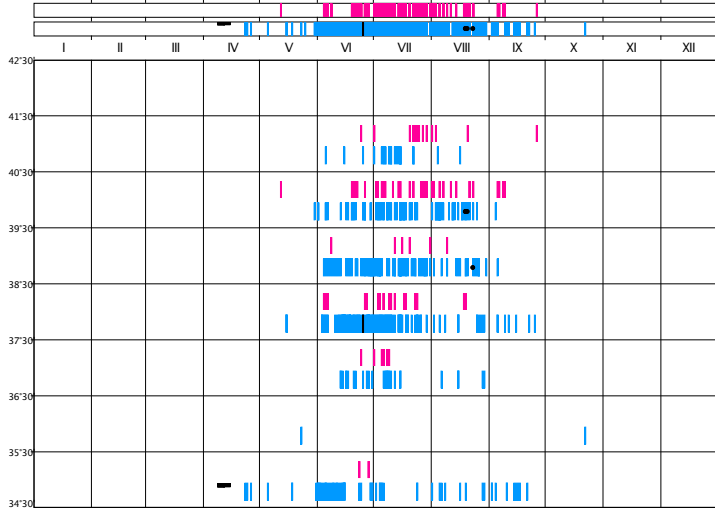
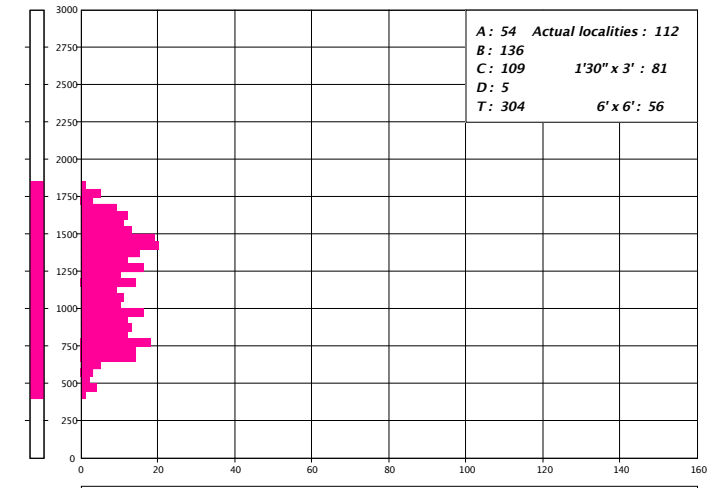
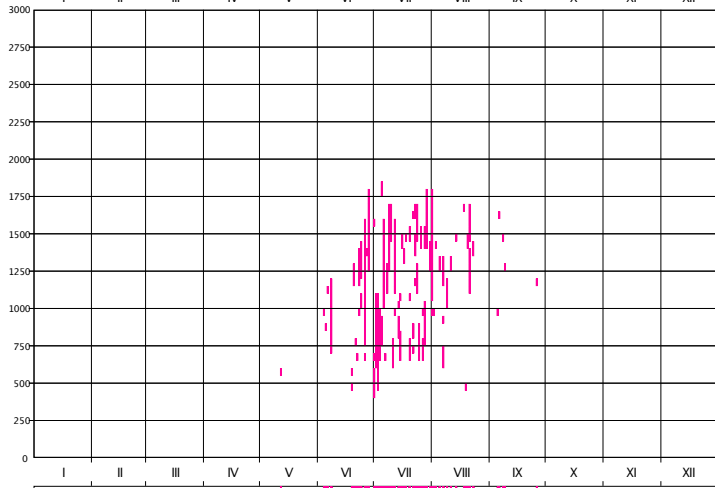
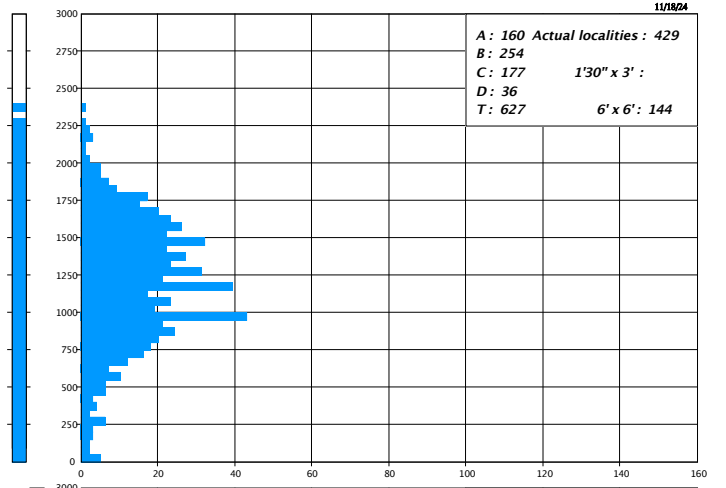
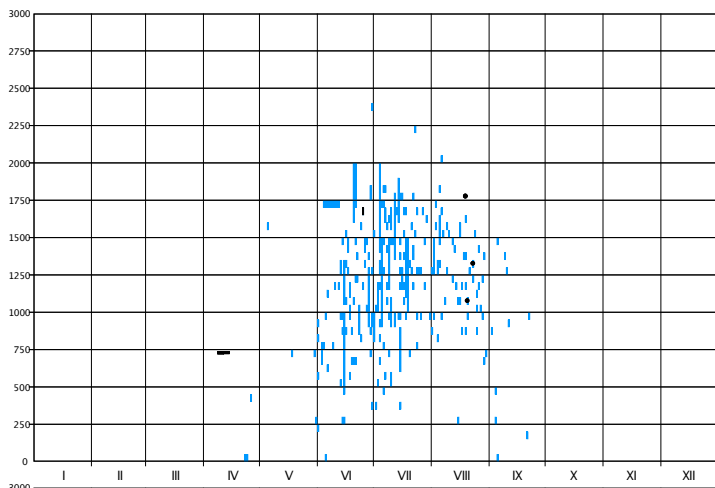
SATYRIDAE *Pseudochazara geyeri*

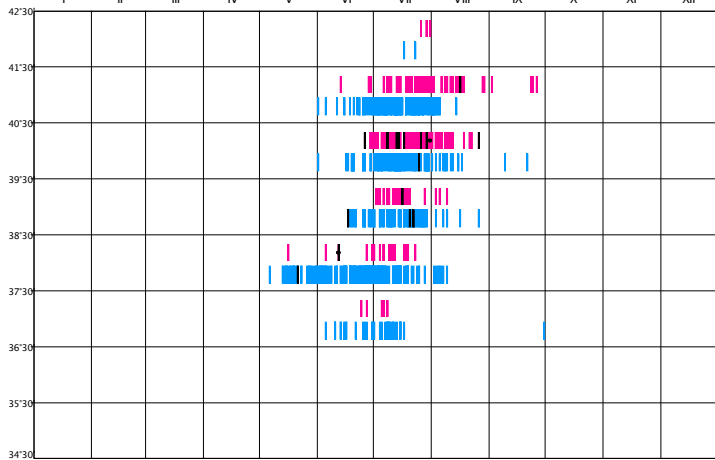
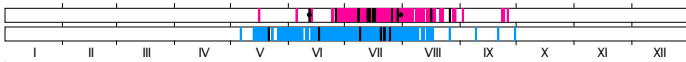
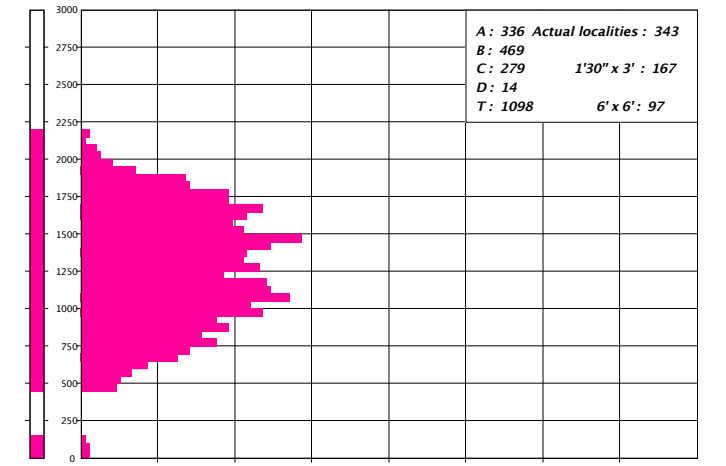
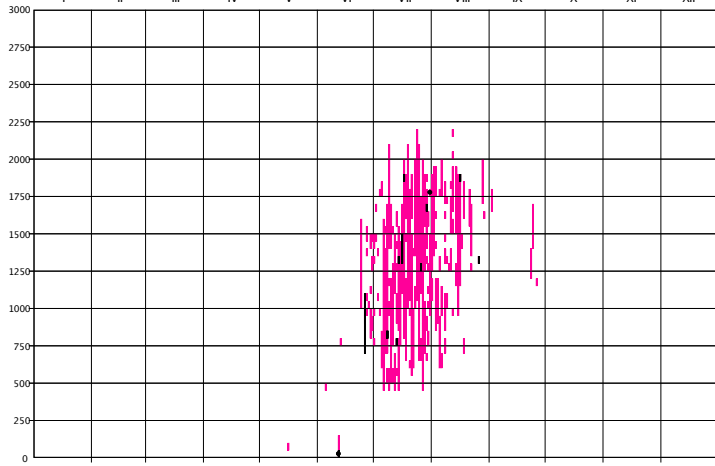
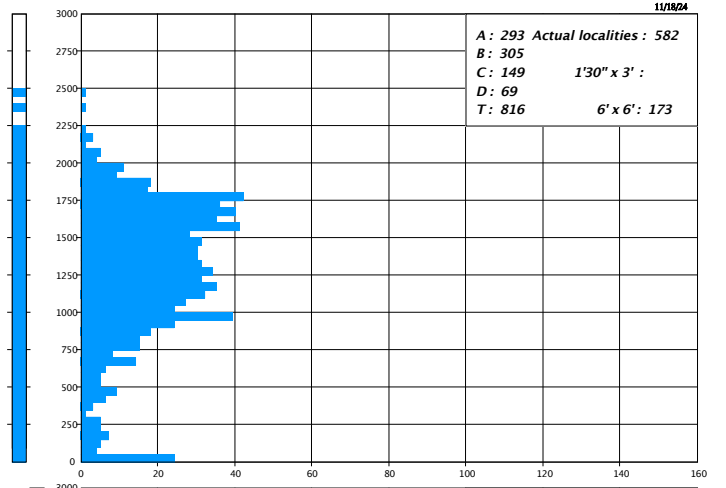
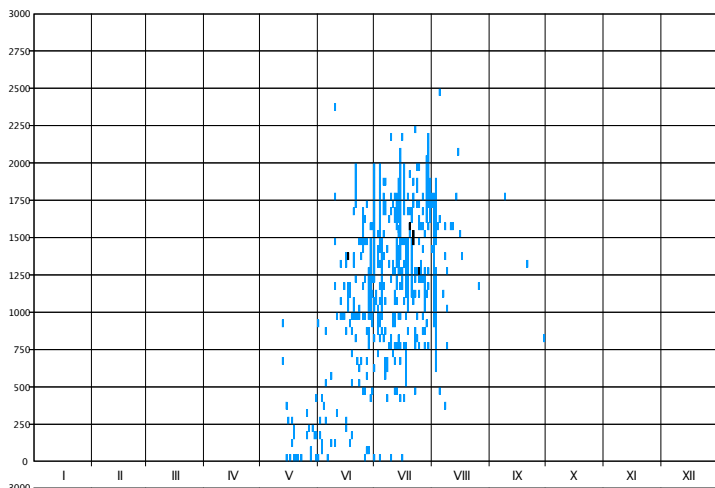




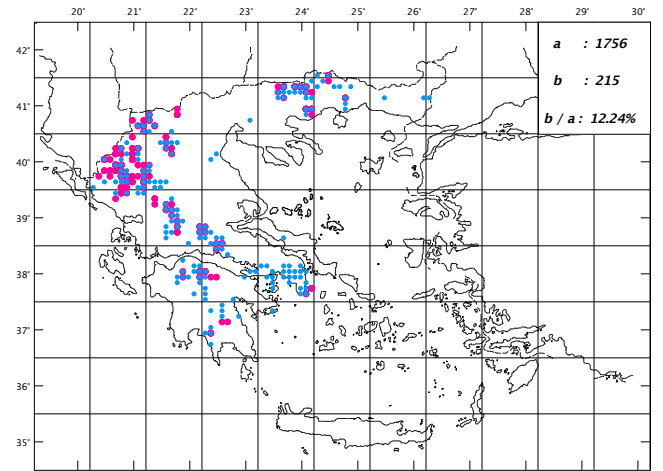
SATYRIDAE *Pseudochazara anthelea*

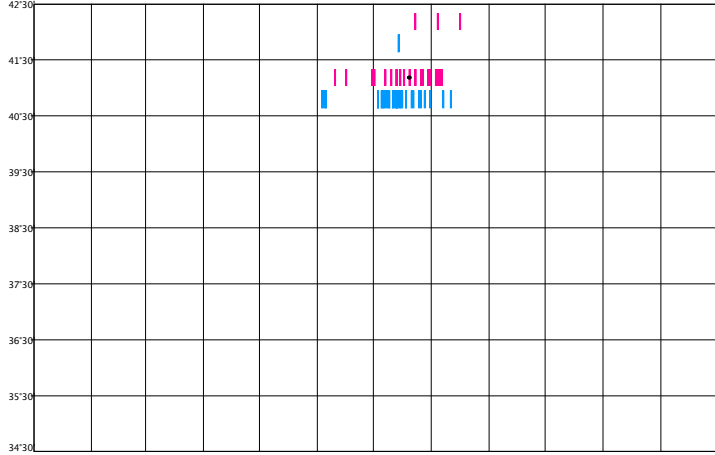
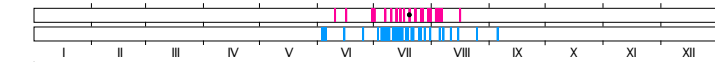
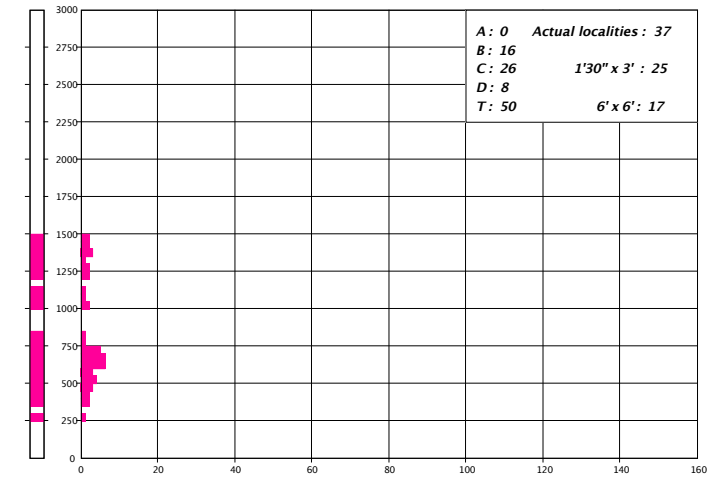
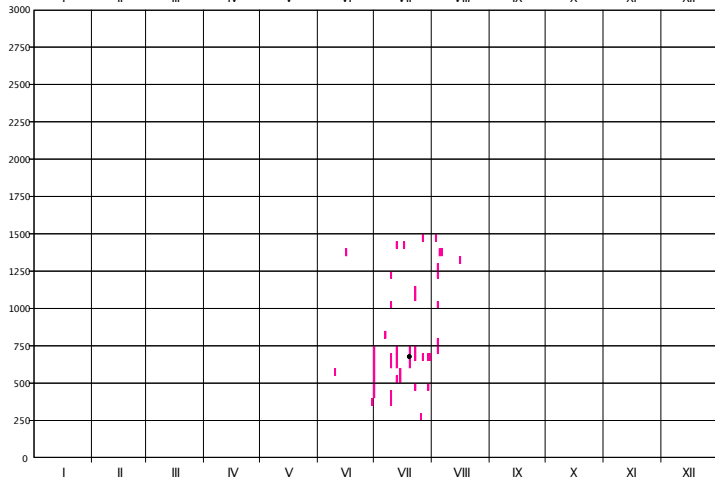
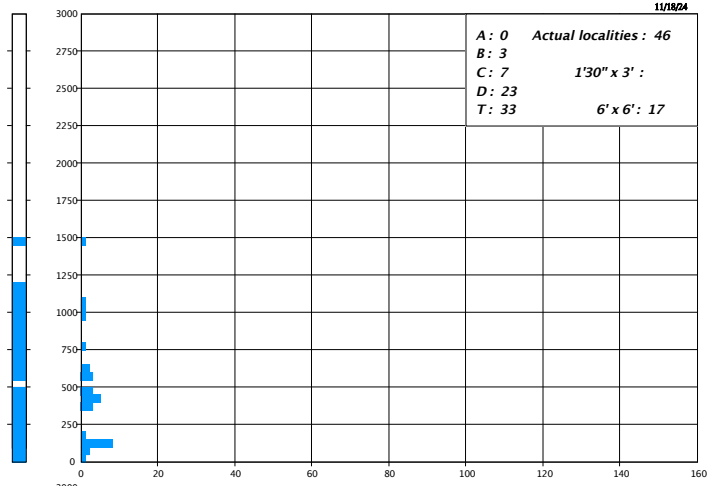
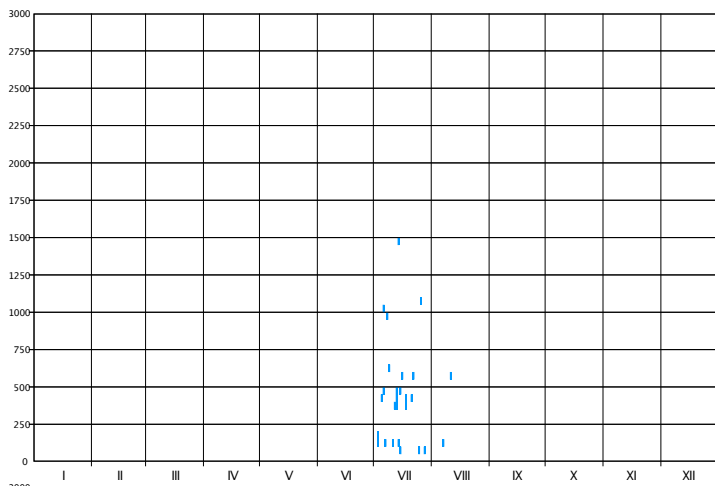




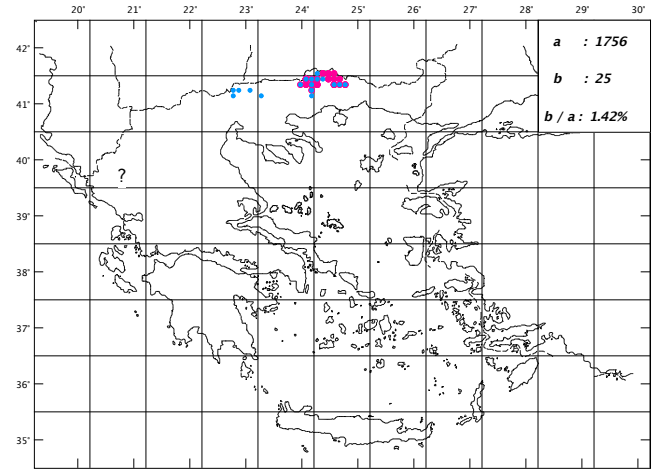


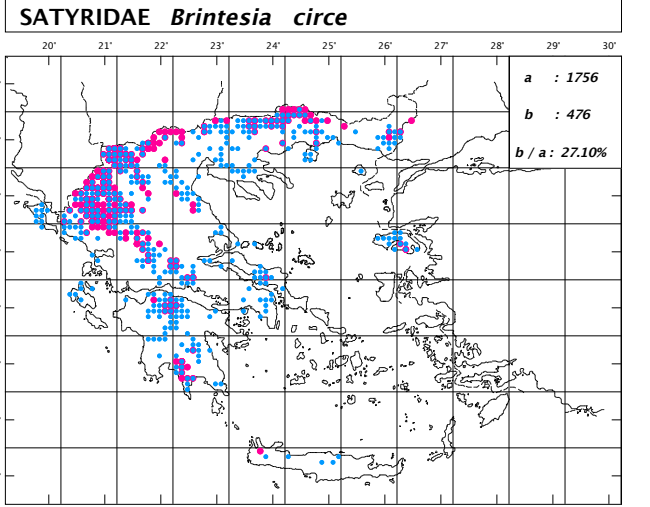
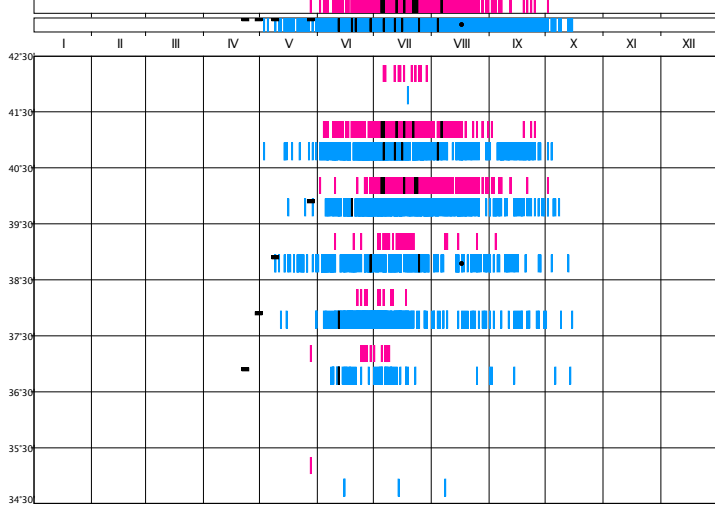
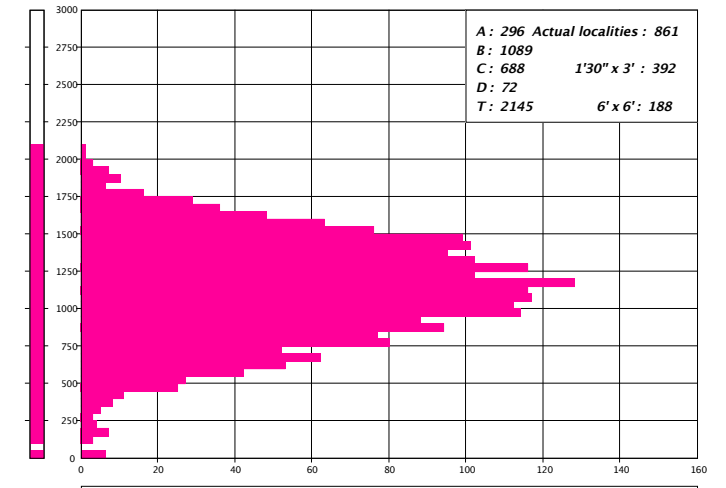
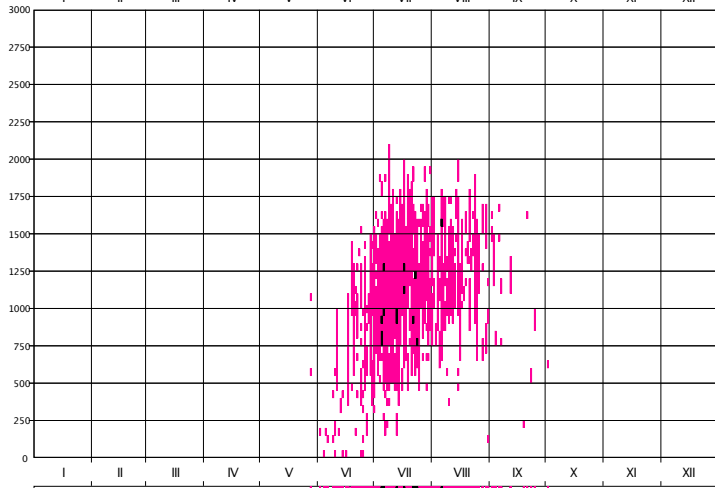
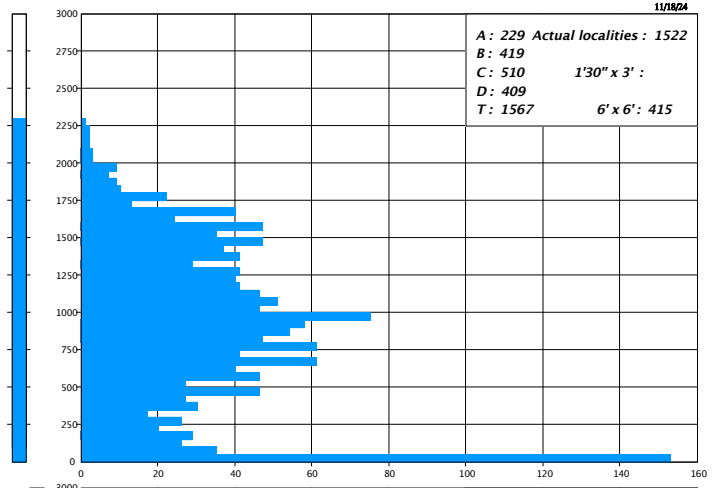
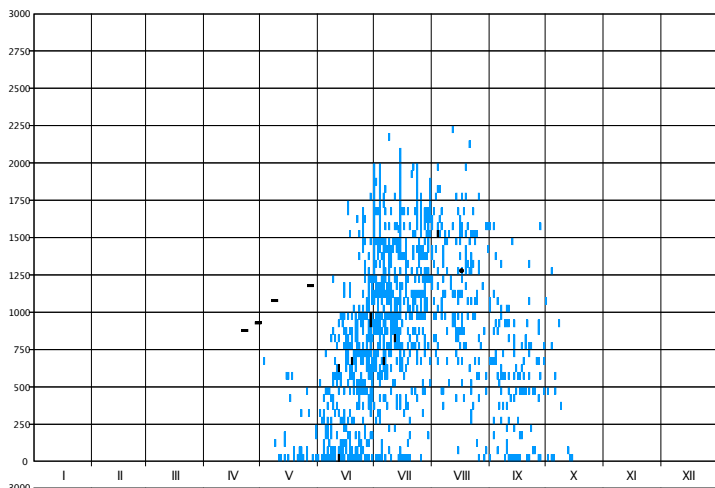
SATYRIDAE *Satyrus ferula*

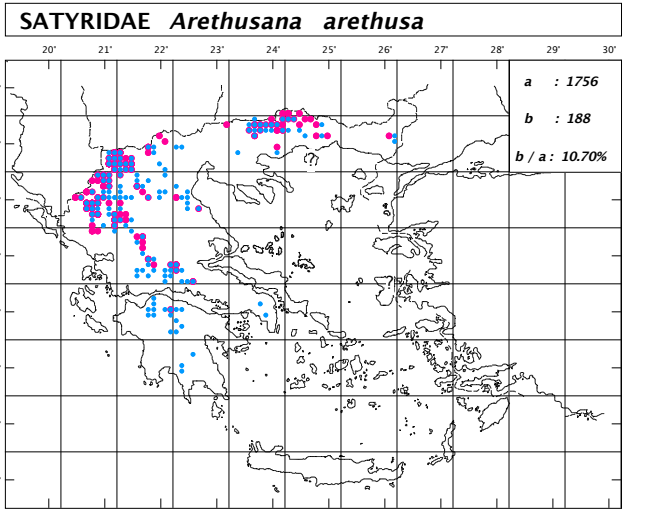
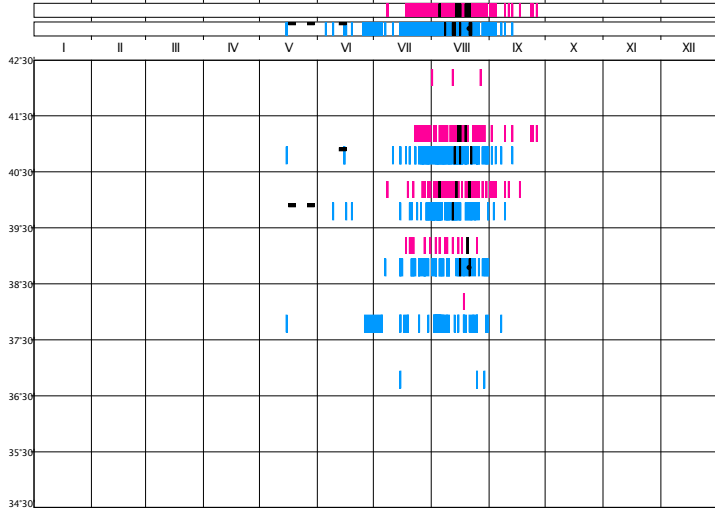
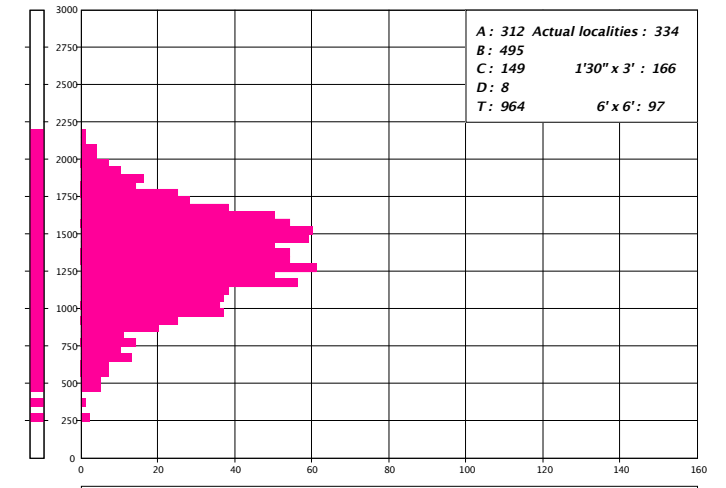
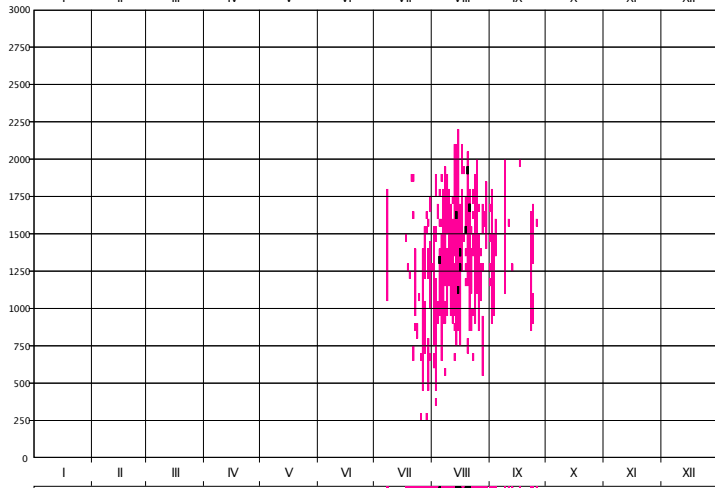
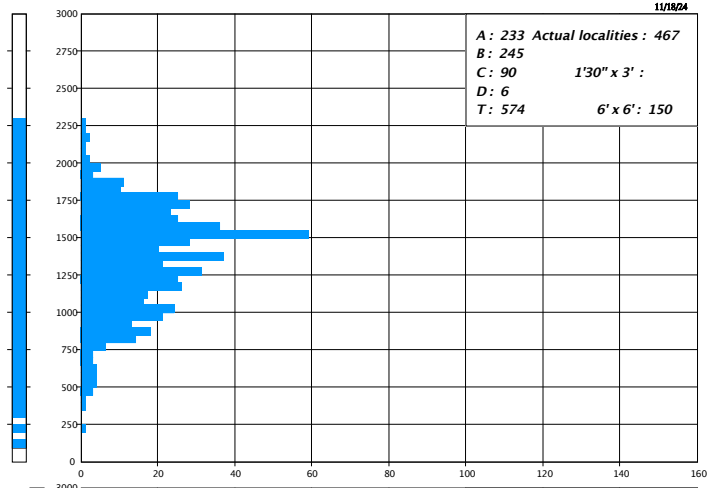
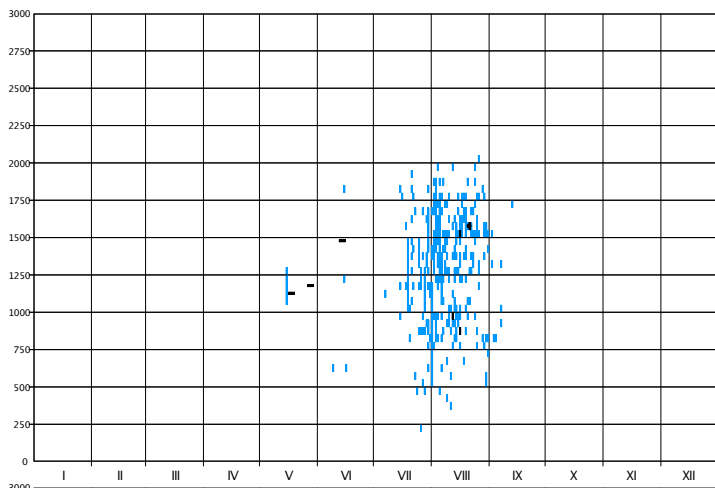


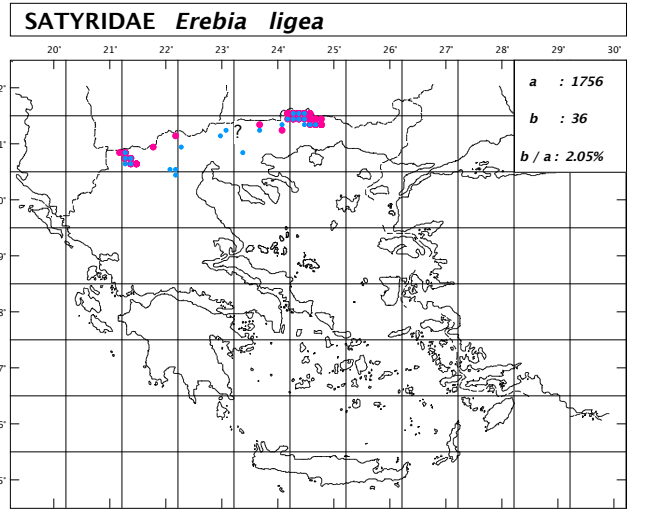
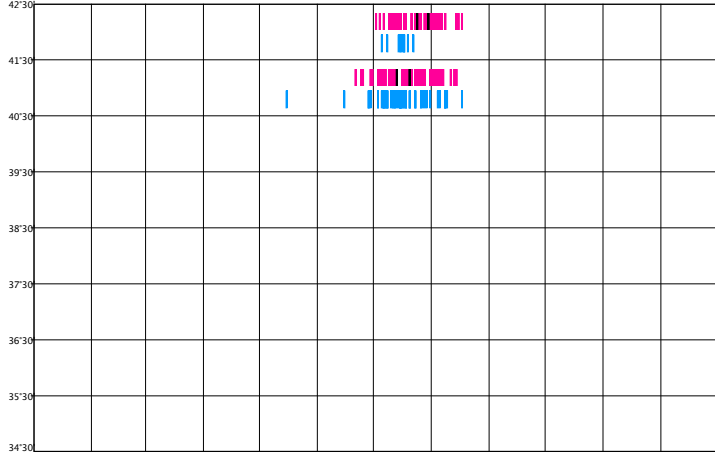
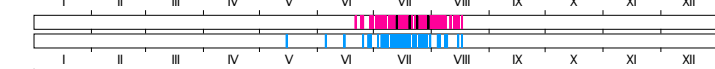
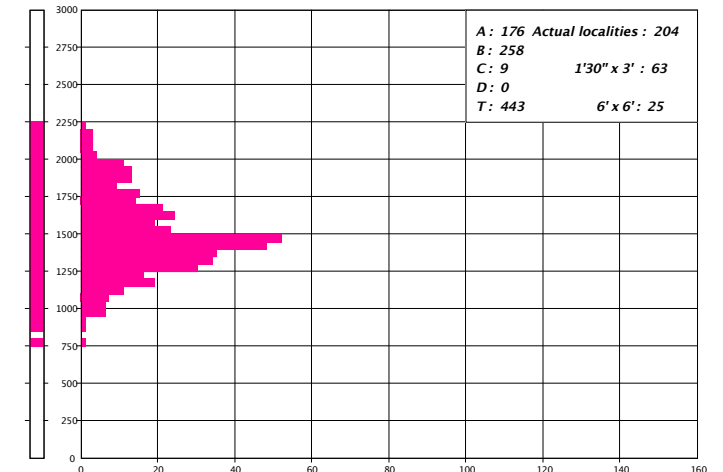
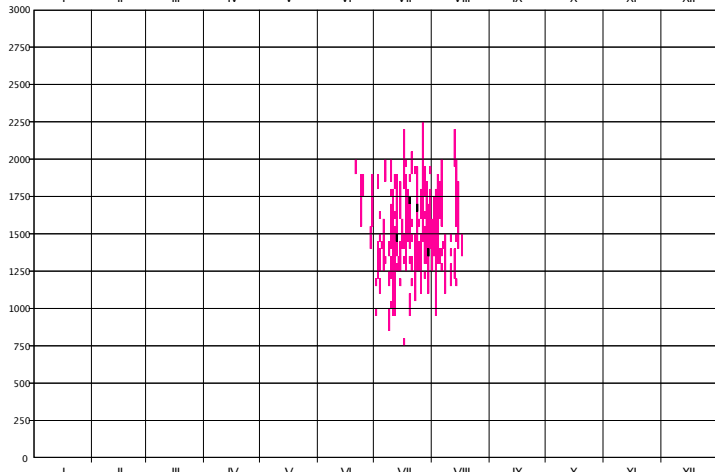
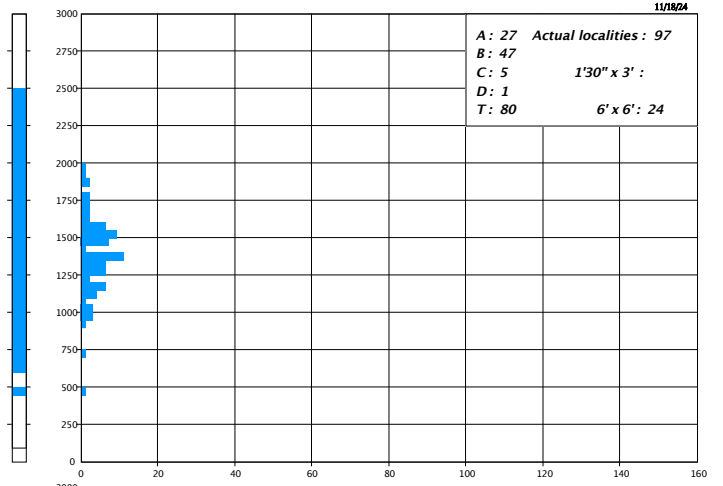
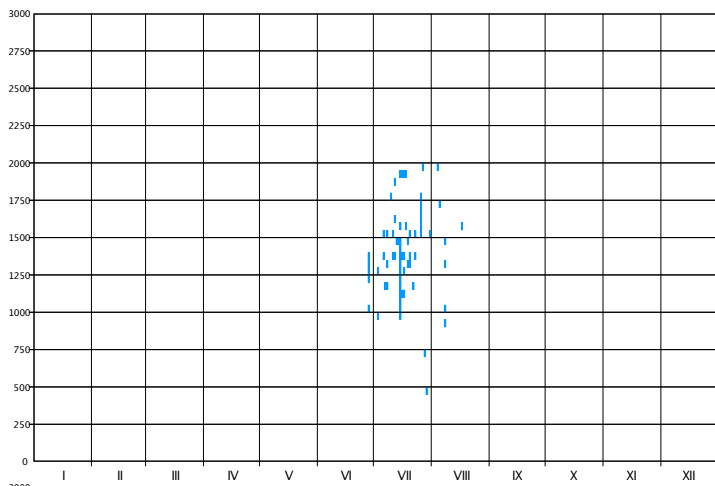


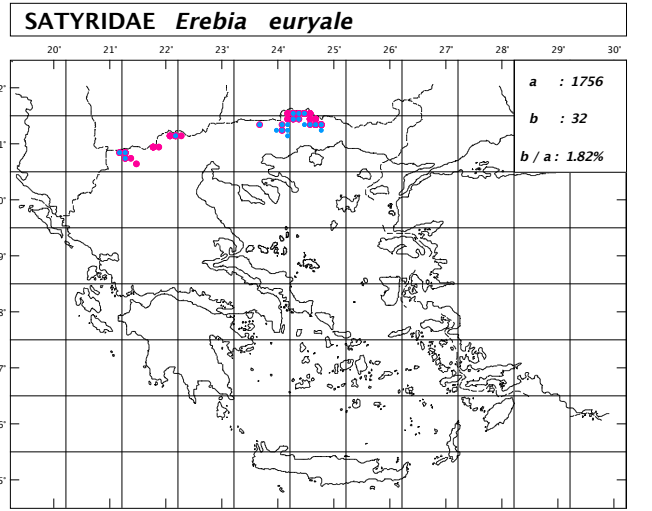
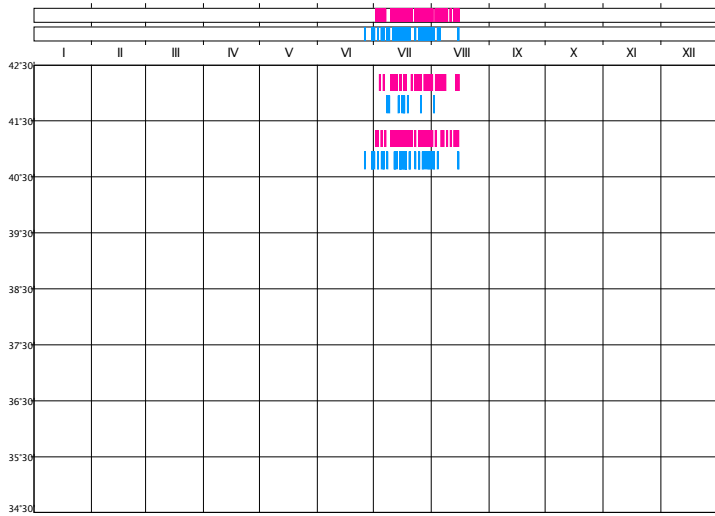
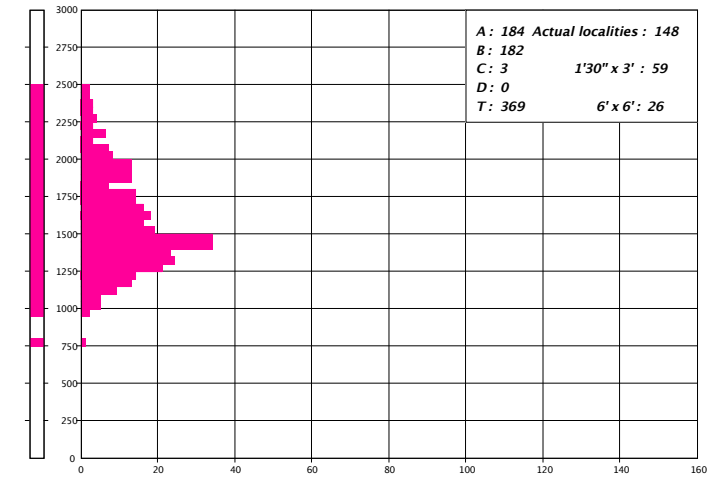
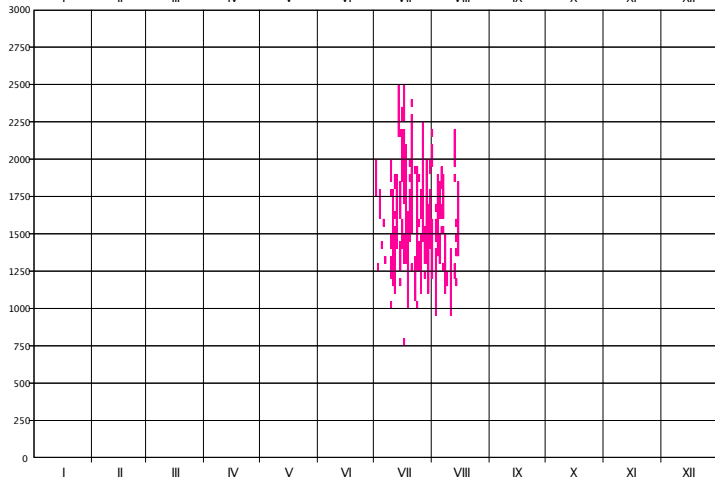
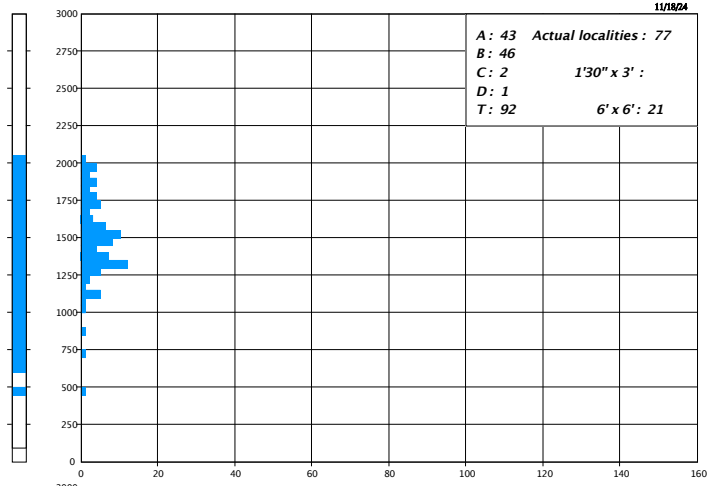
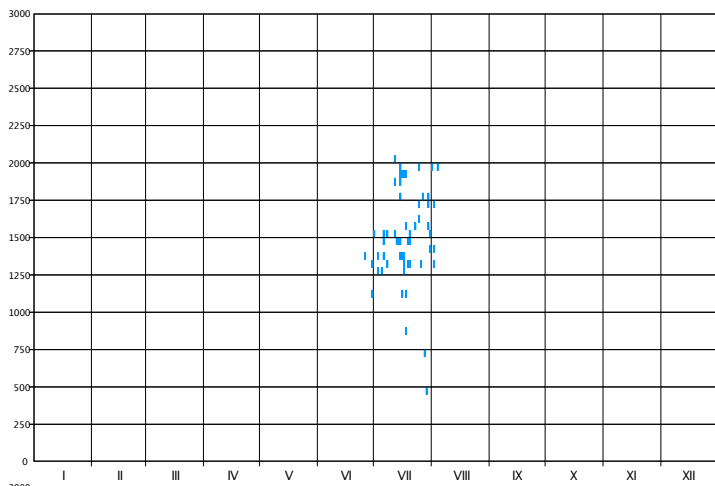
SATYRIDAE *Minois dryas*

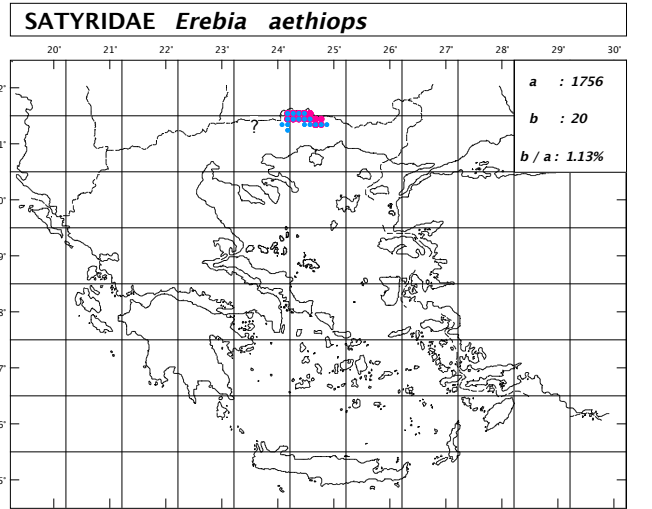
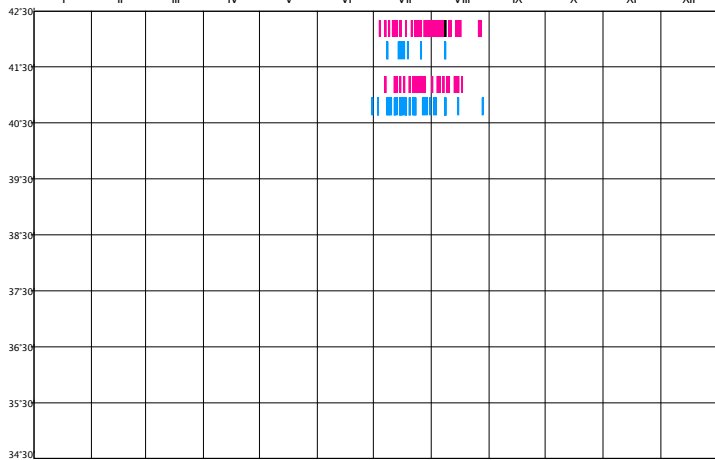
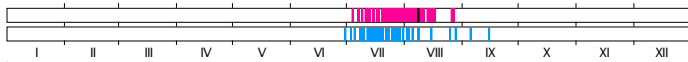
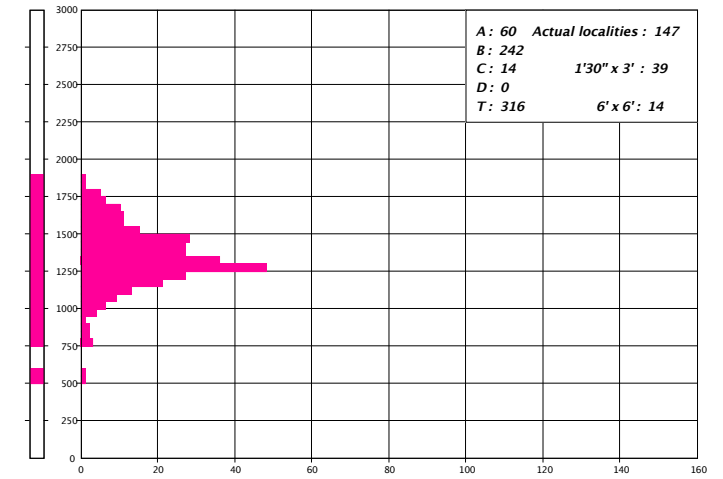
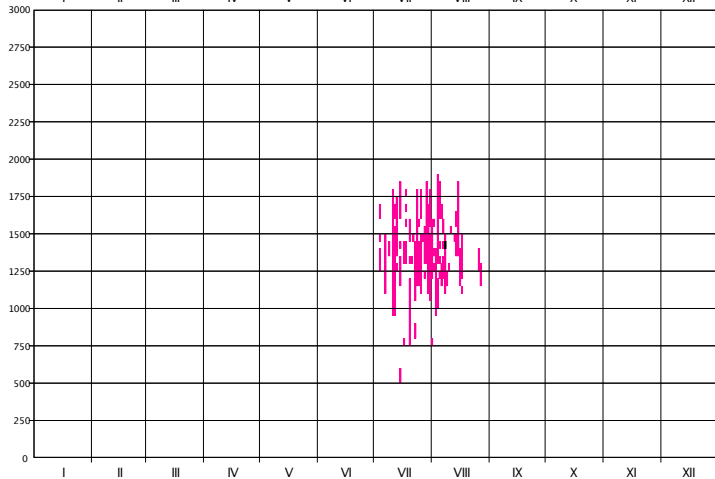
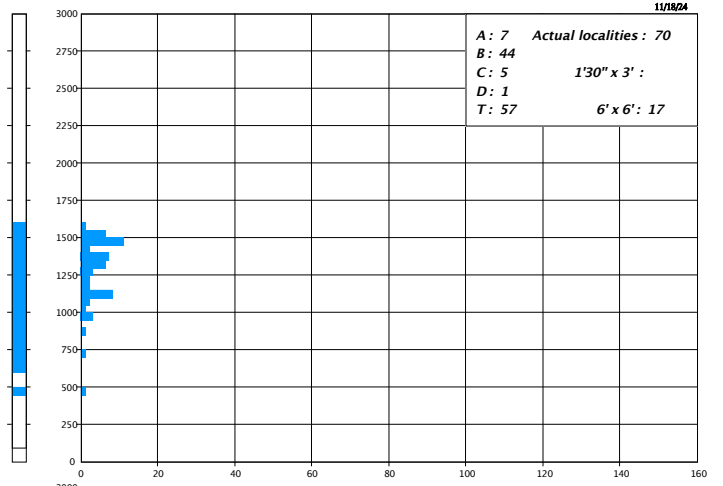
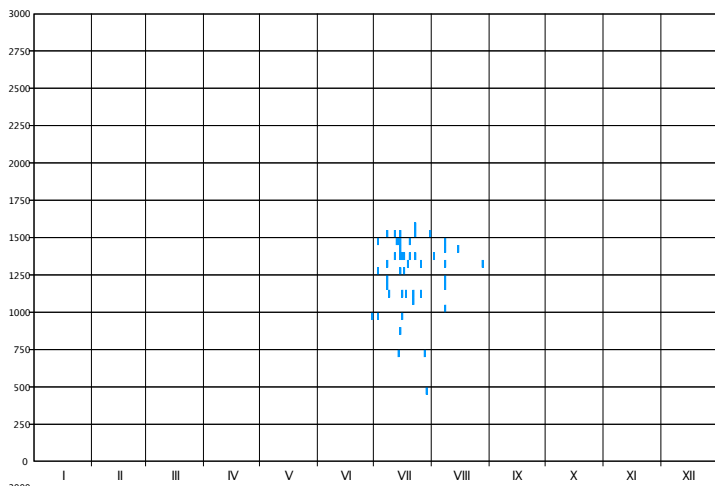


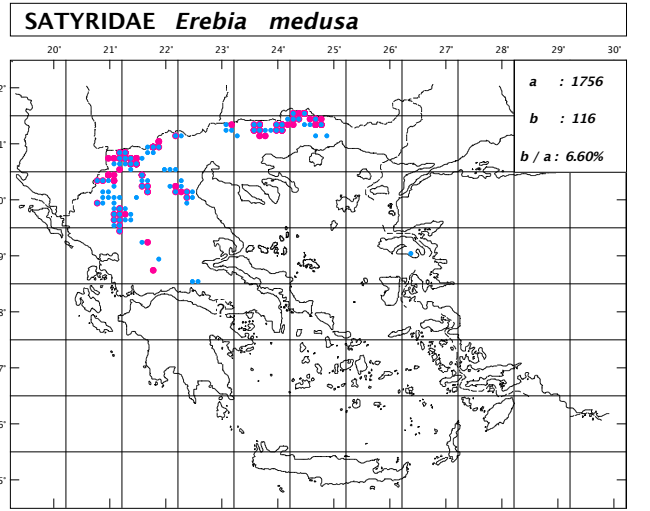
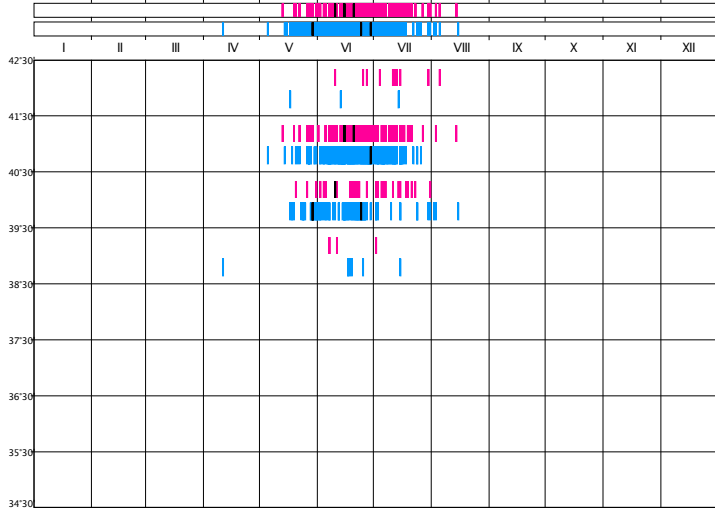
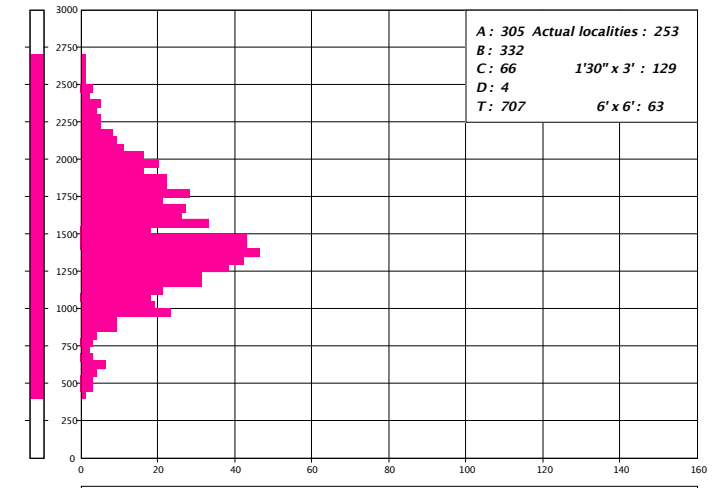
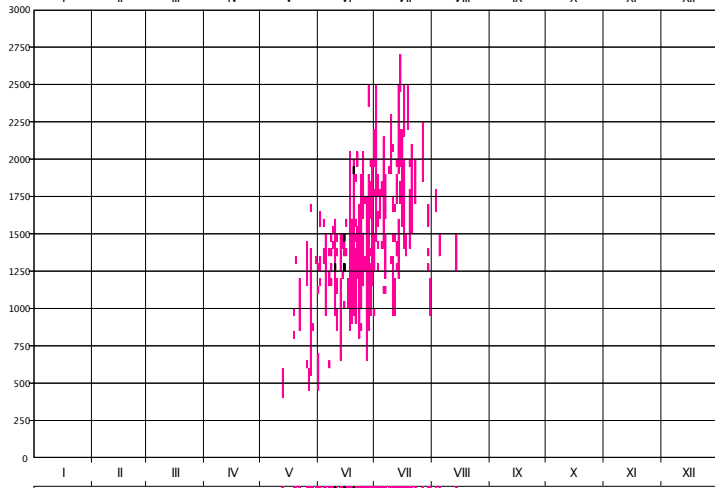
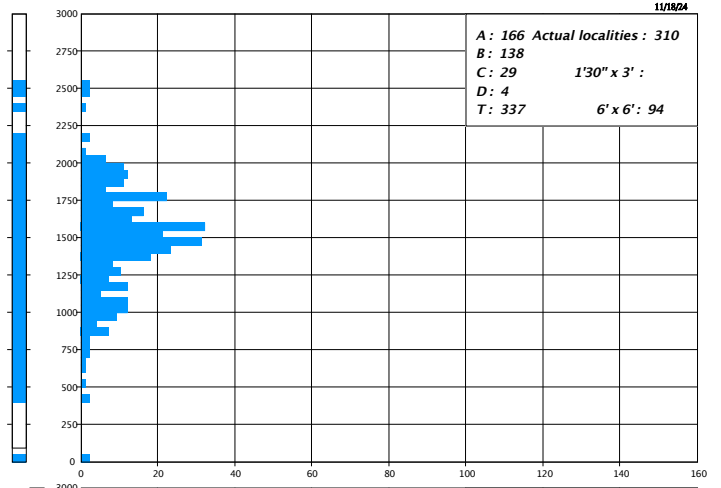
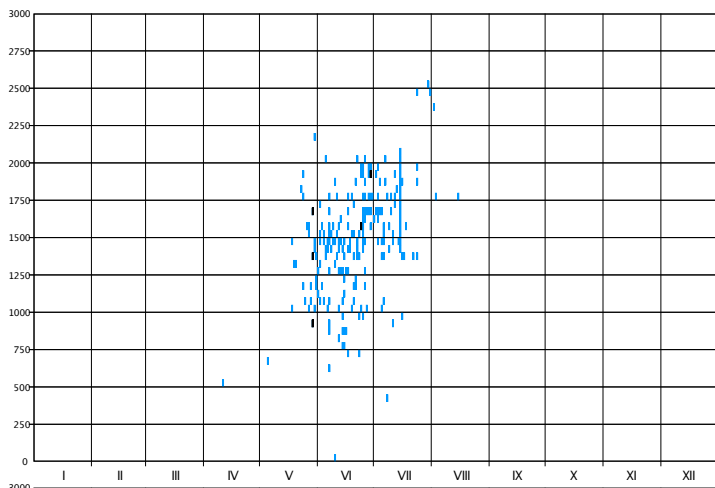


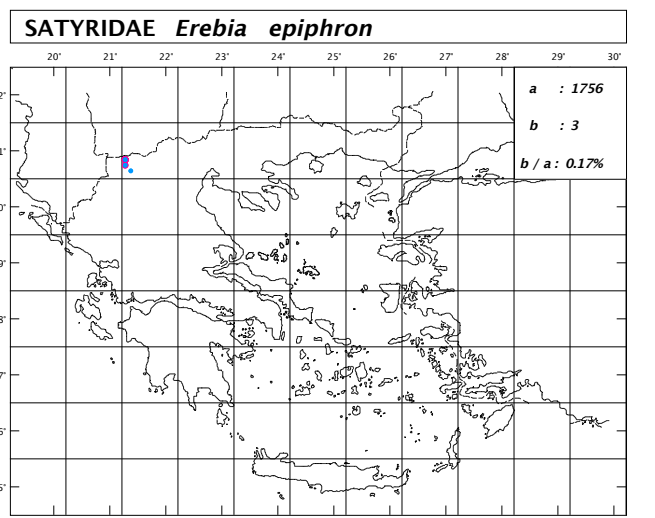
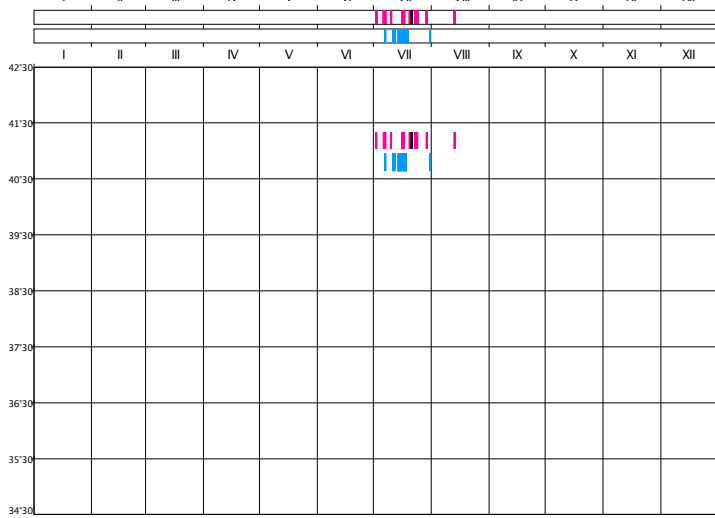
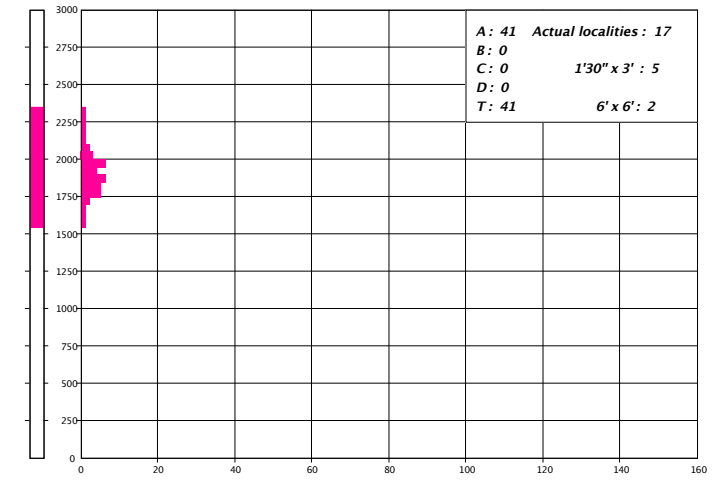
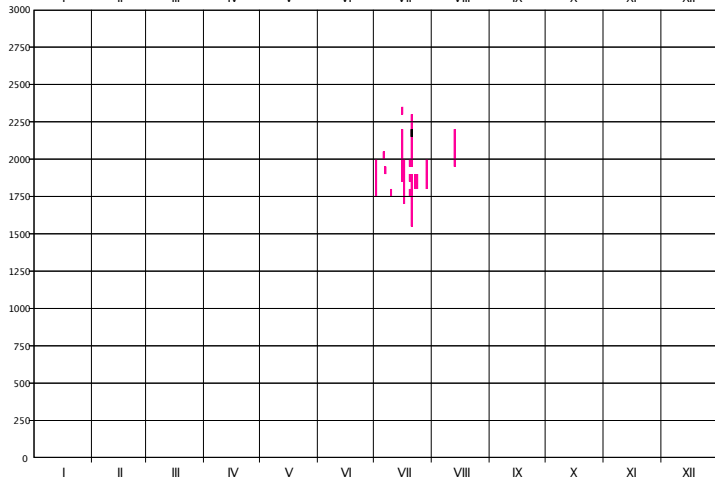
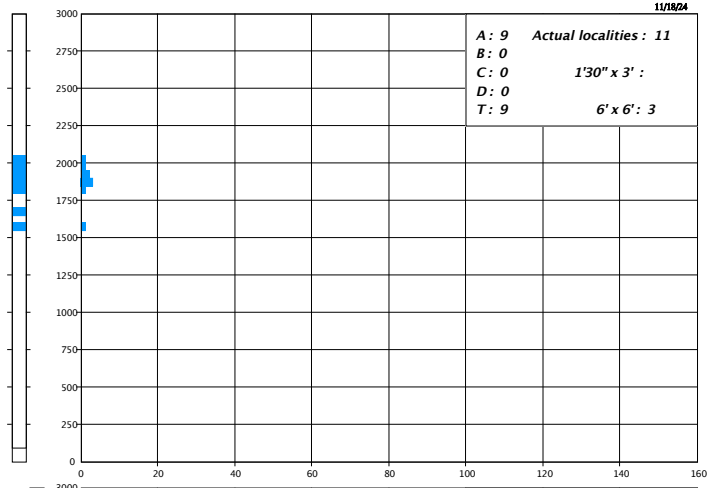
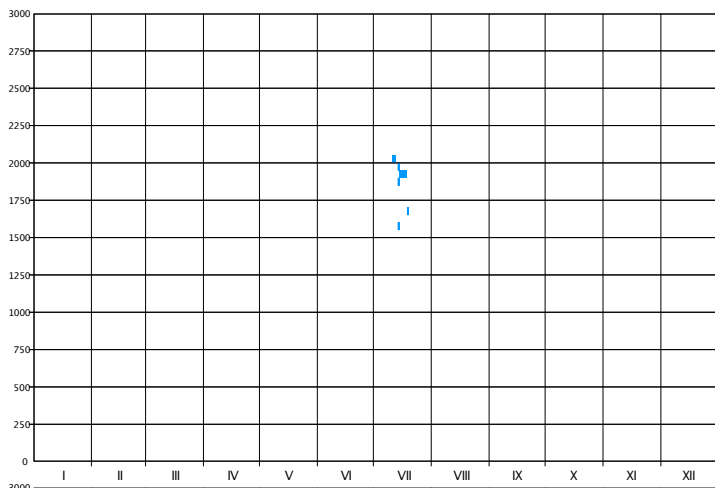


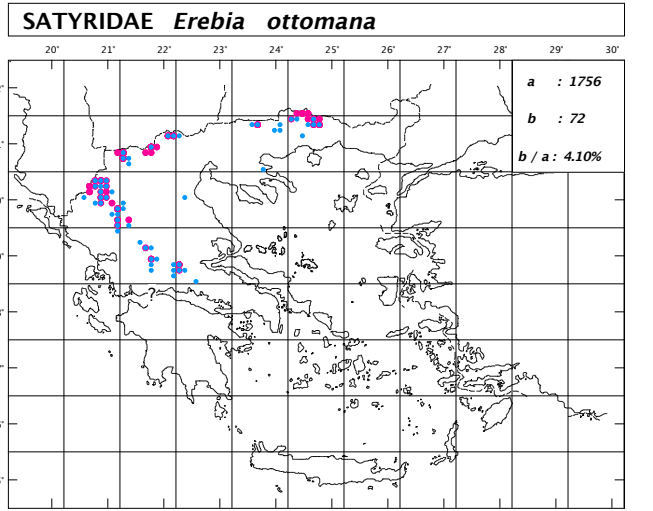
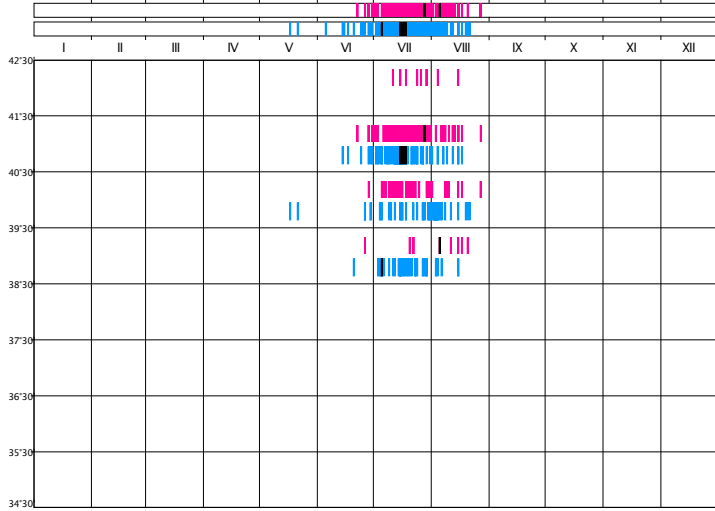
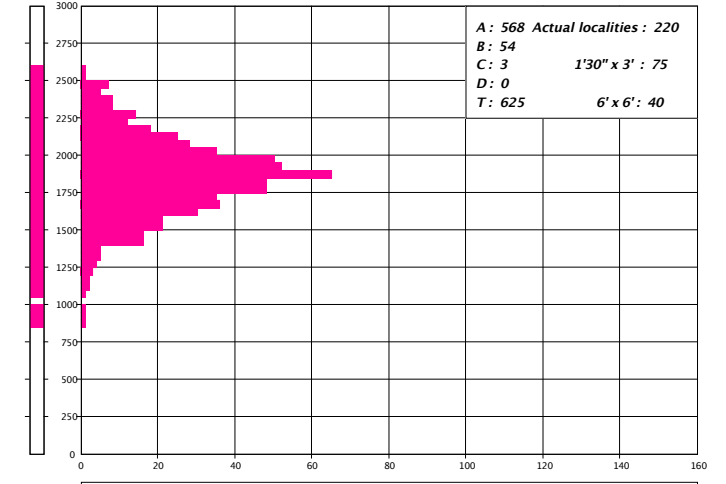
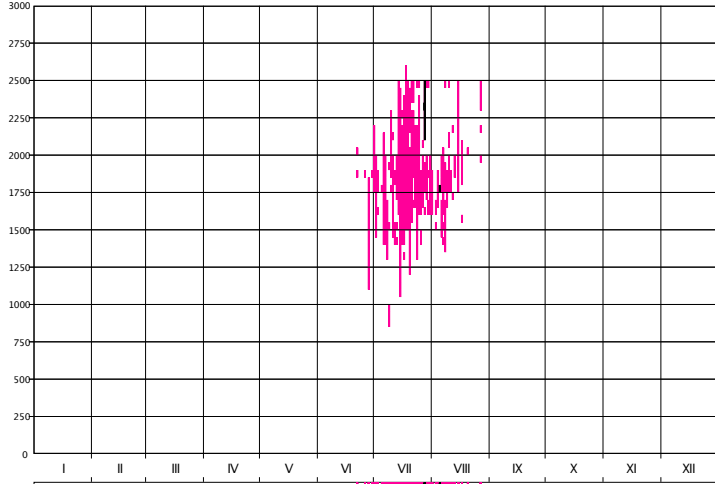
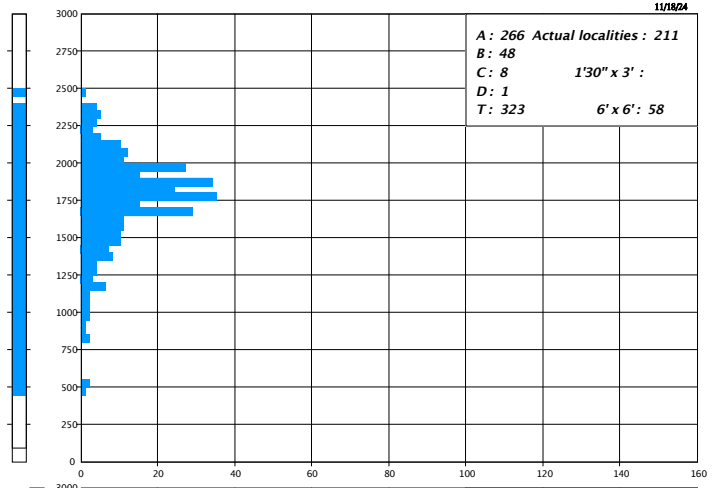
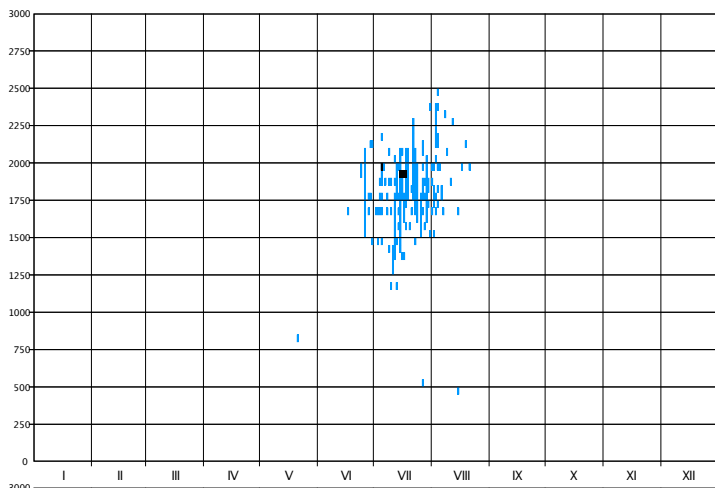


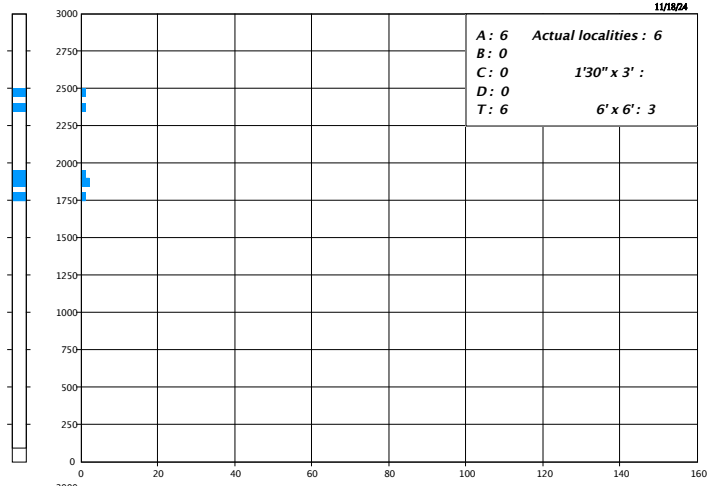
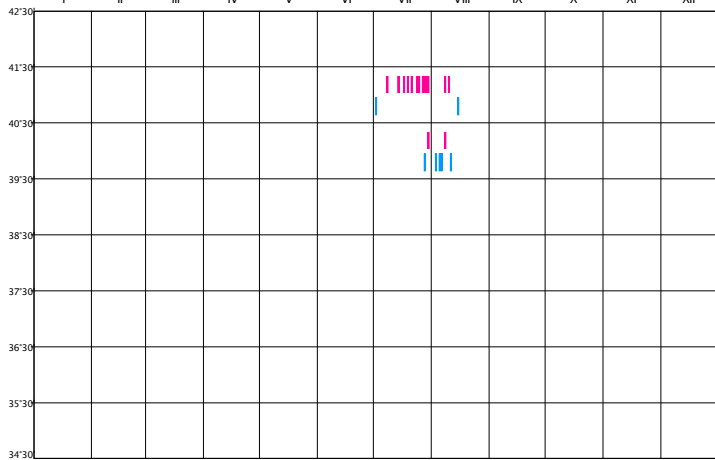
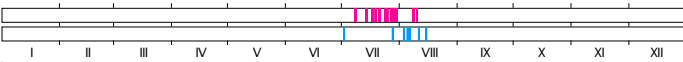
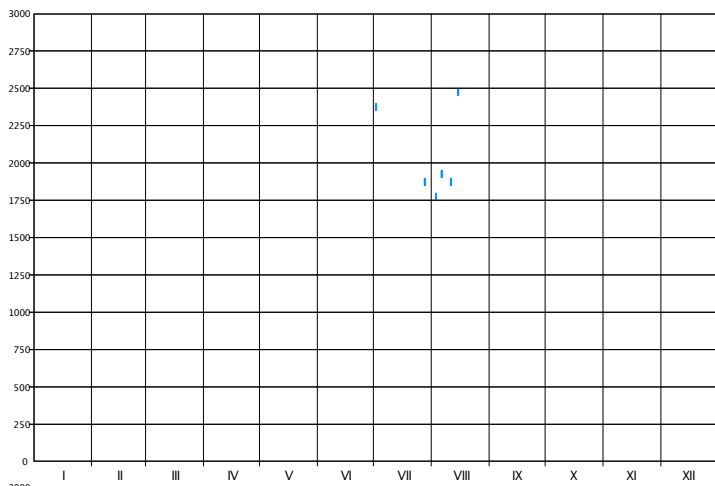




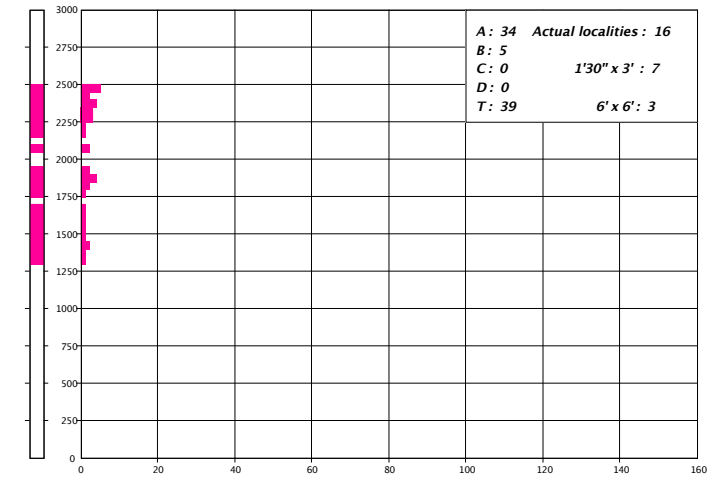






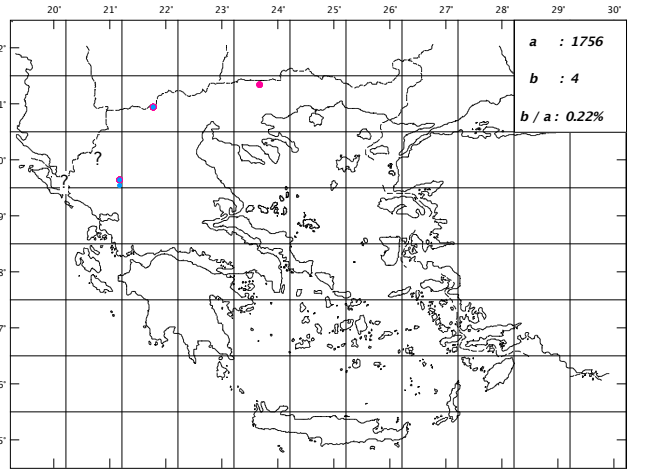


11/18/24
A : 6 Actual localities : 6
B : 0
C : 0 1'30" x 3' : 3
D : 0
T : 6 6' x 6' : 3

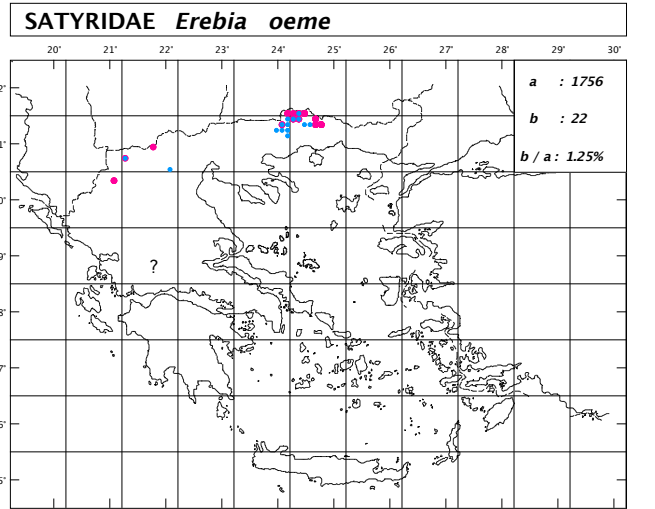
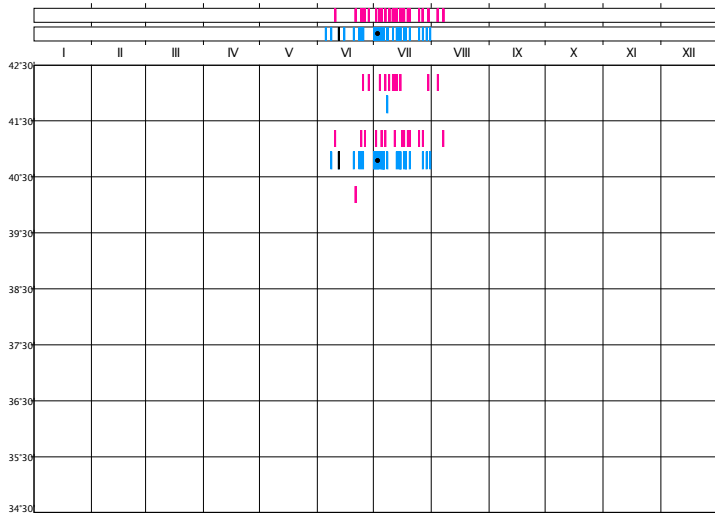
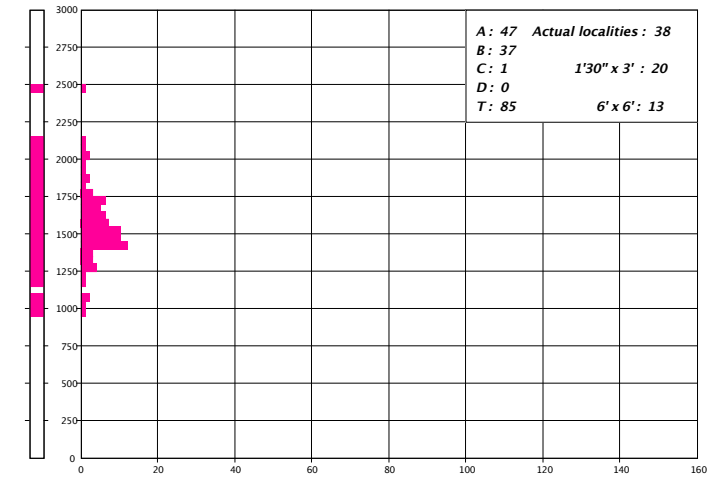
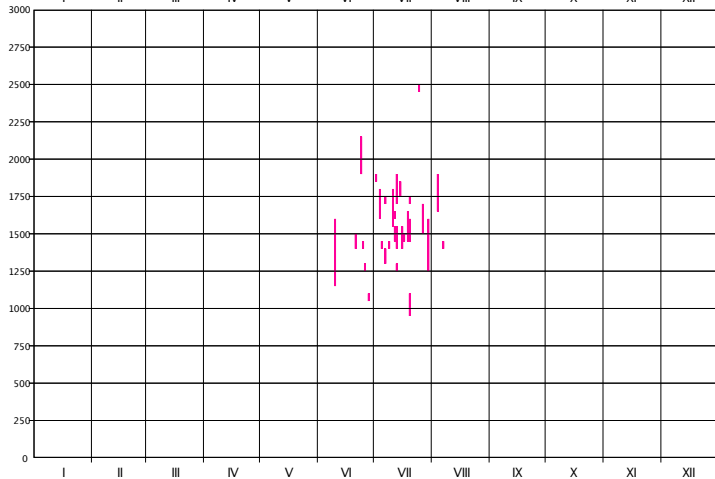
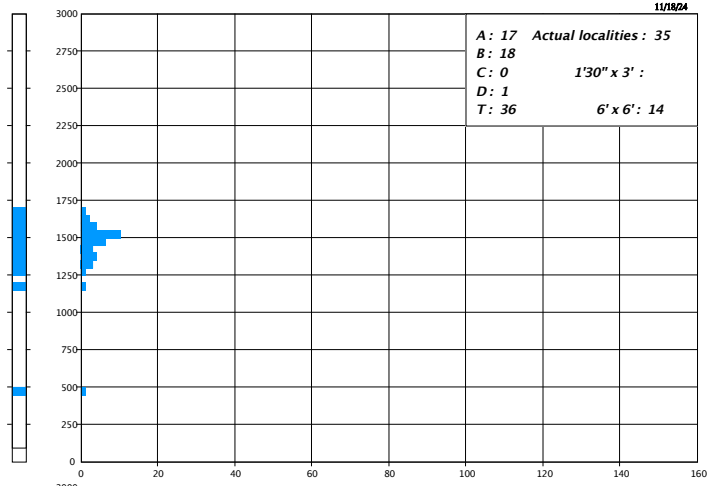
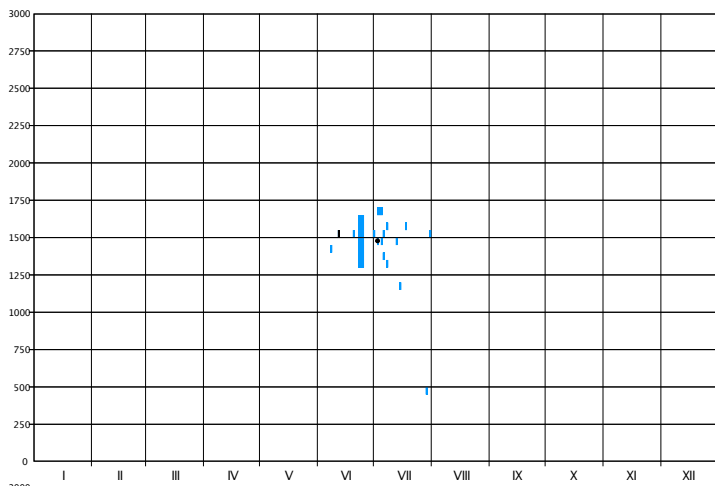


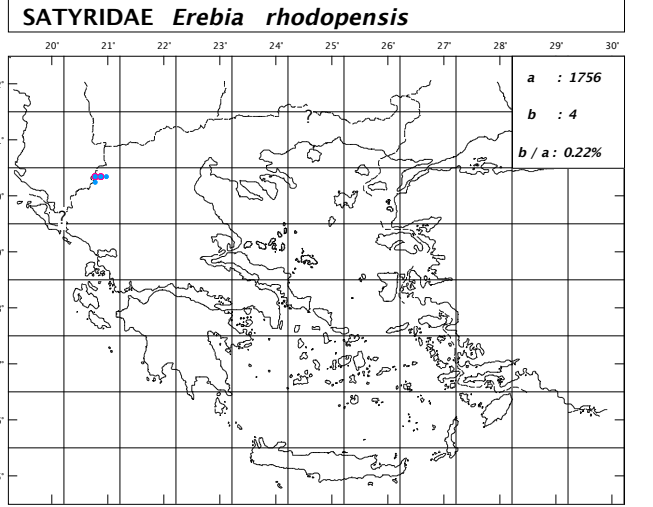
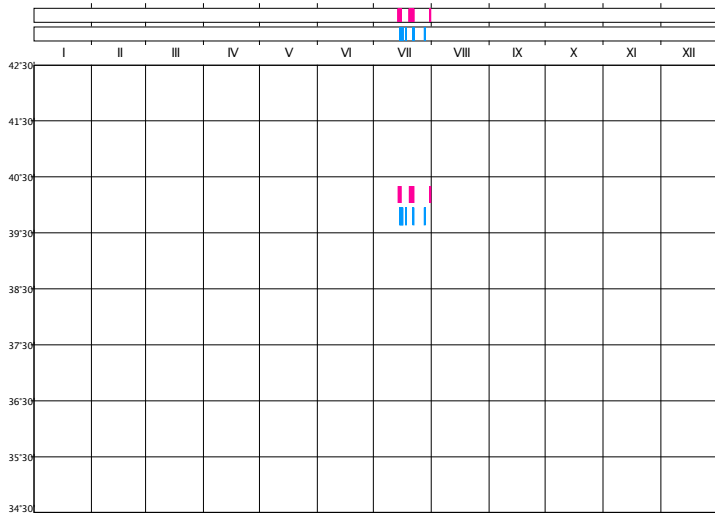
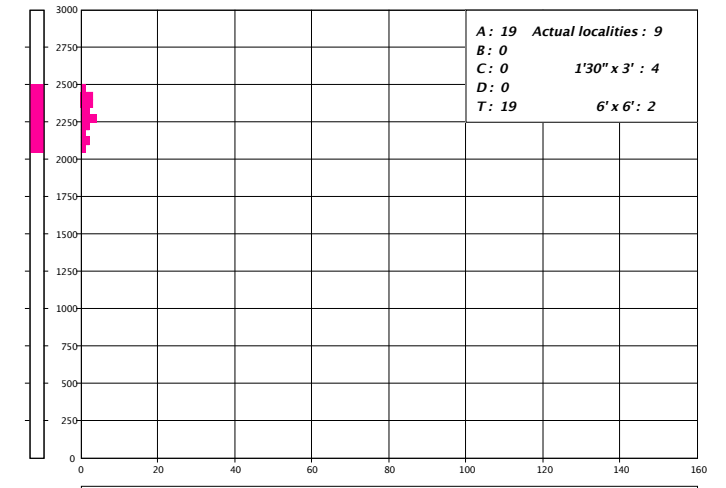
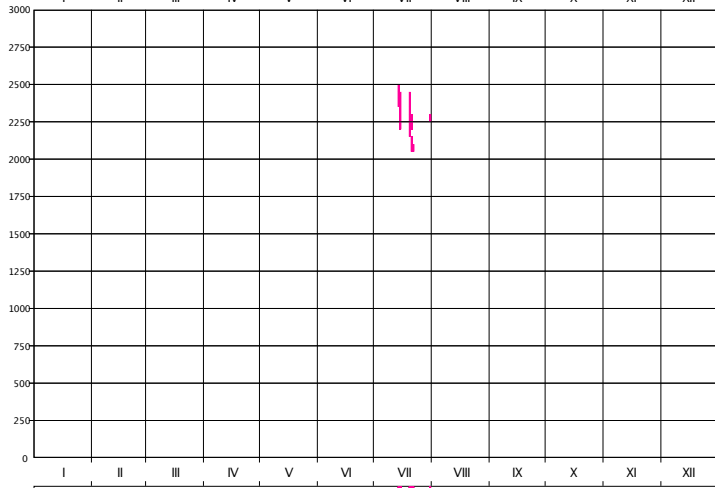
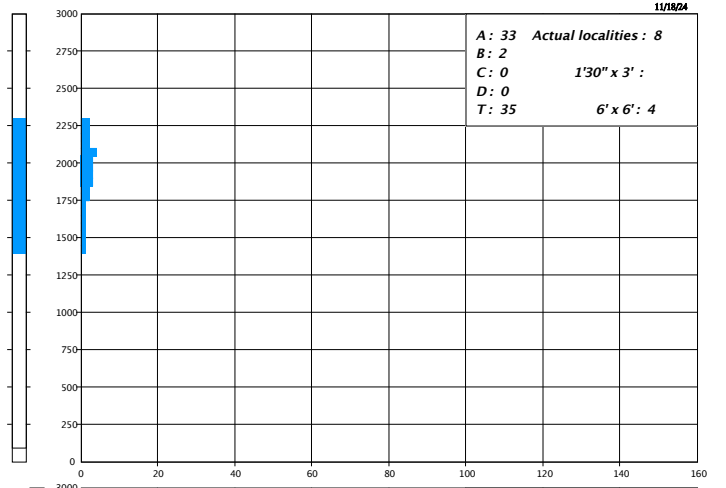
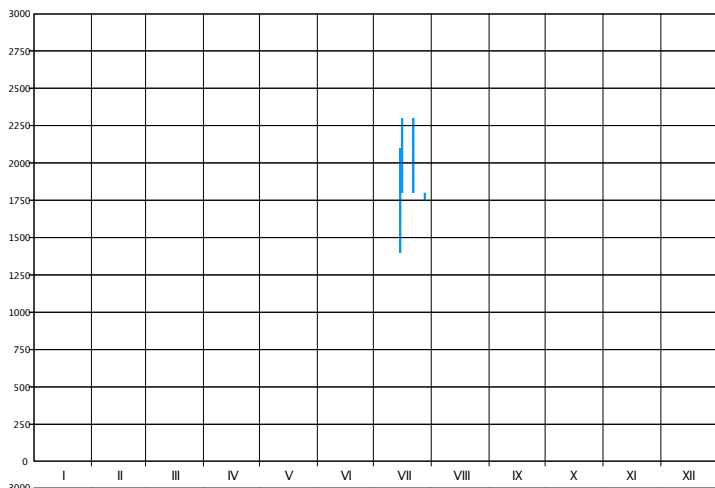
A : 34 Actual localities : 16
B : 5
C : 0 1'30" x 3' : 7
D : 0
T : 39 6' x 6' : 3

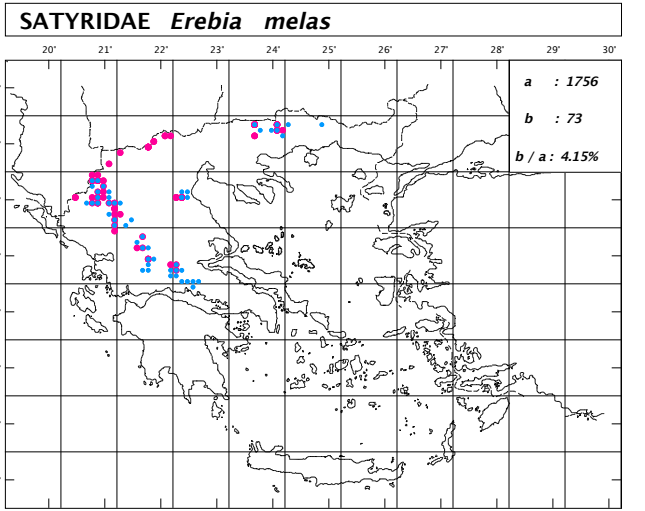
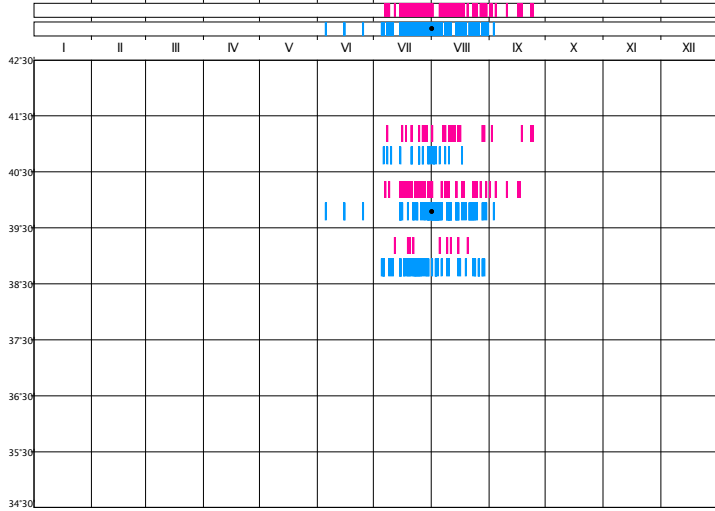
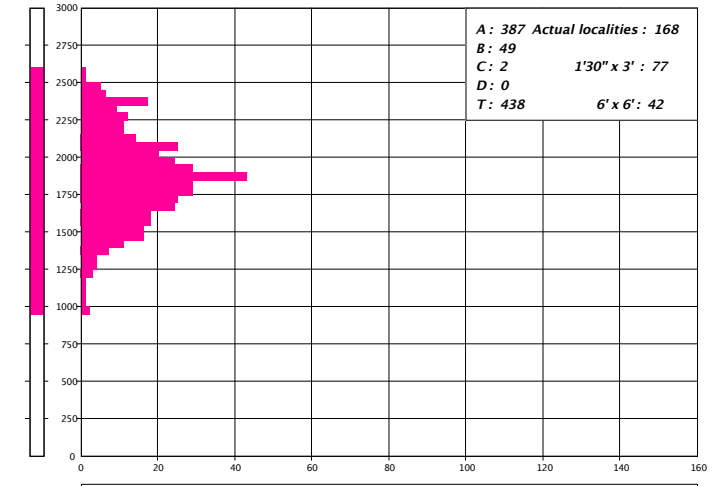
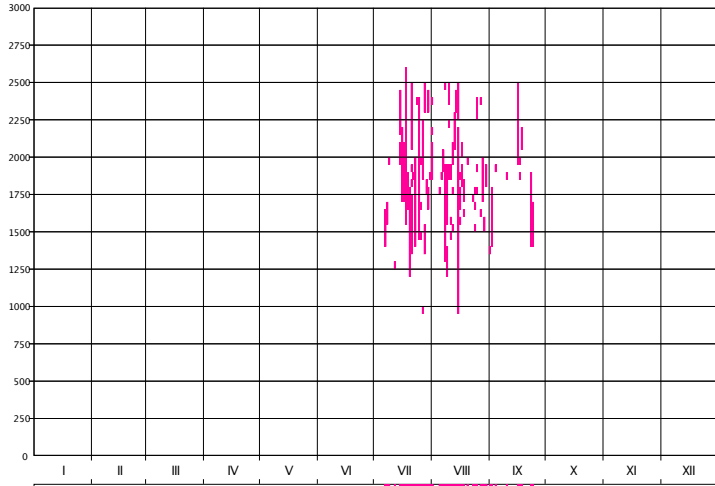
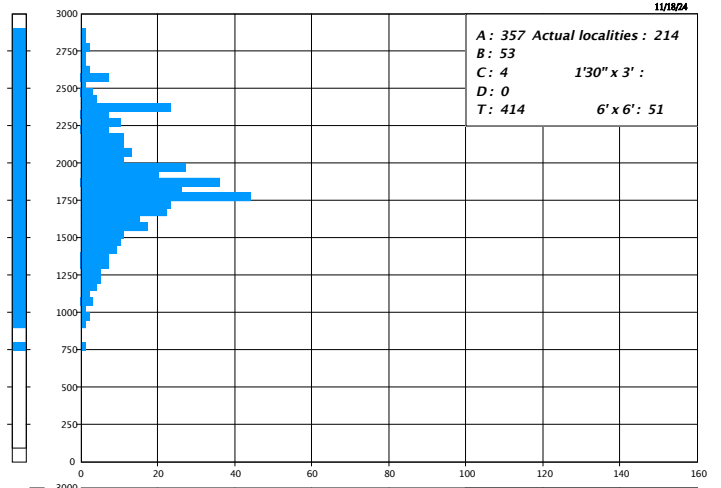
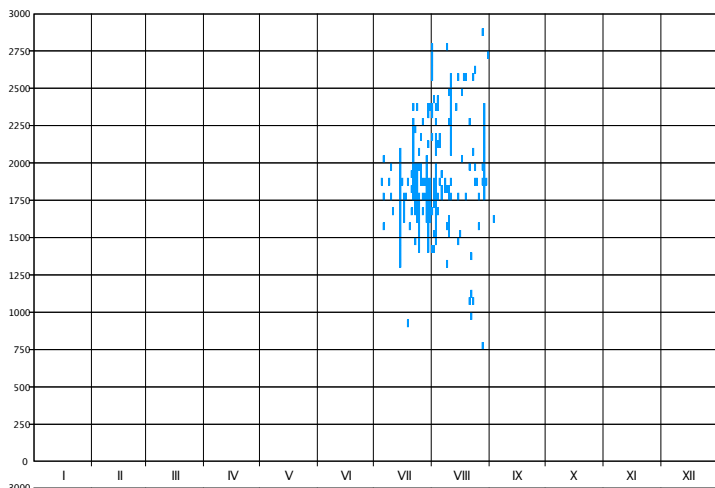
SATYRIDAE *Erebia neleus*

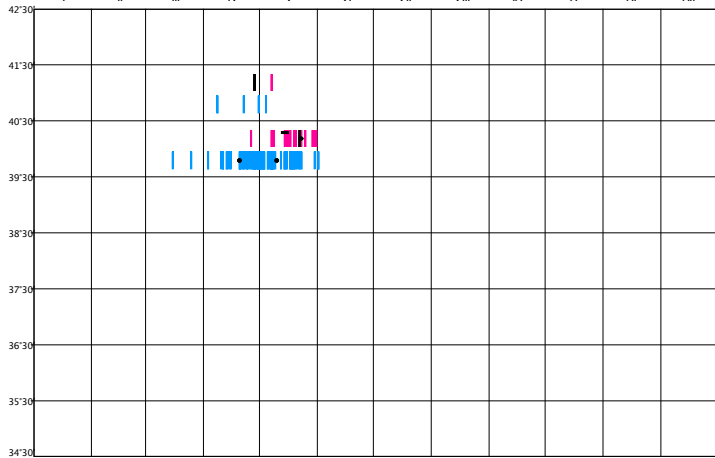
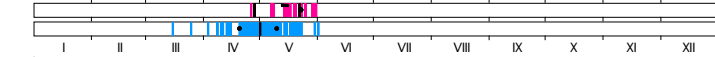
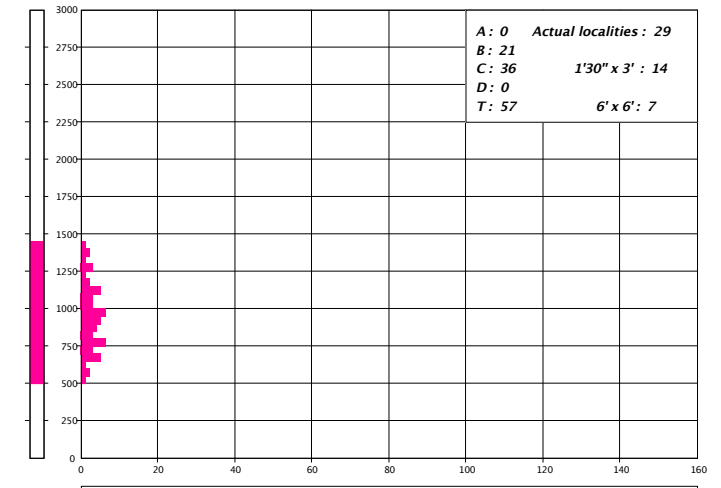
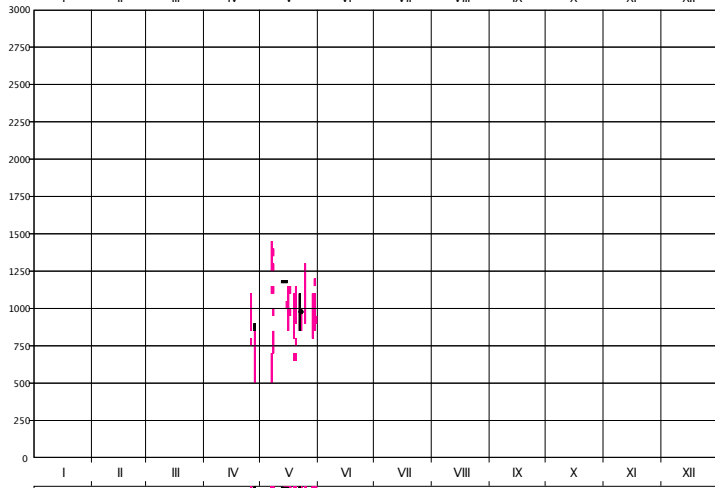
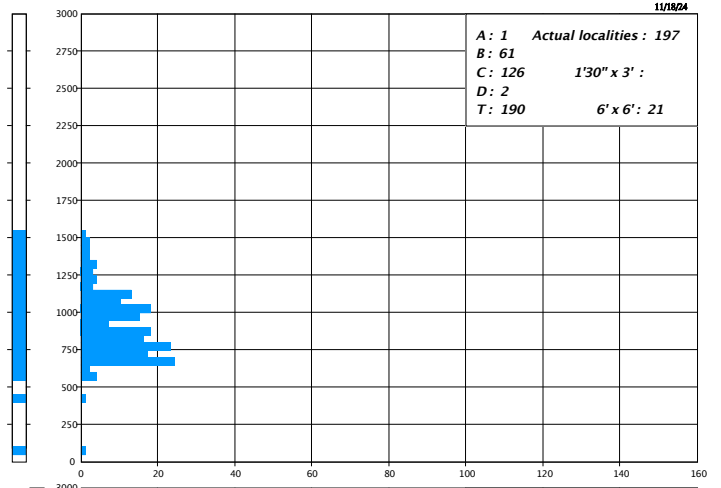
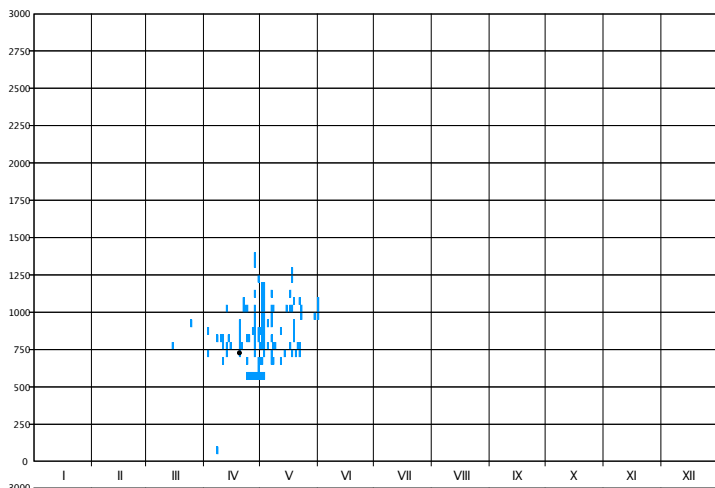


a : 1756
b : 4
b / a : 0.22%

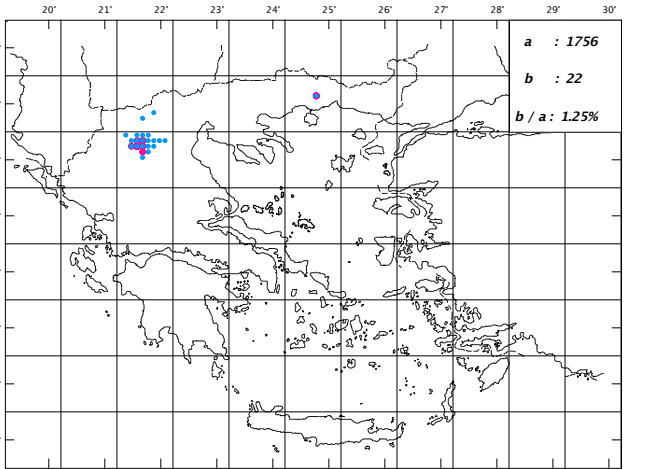


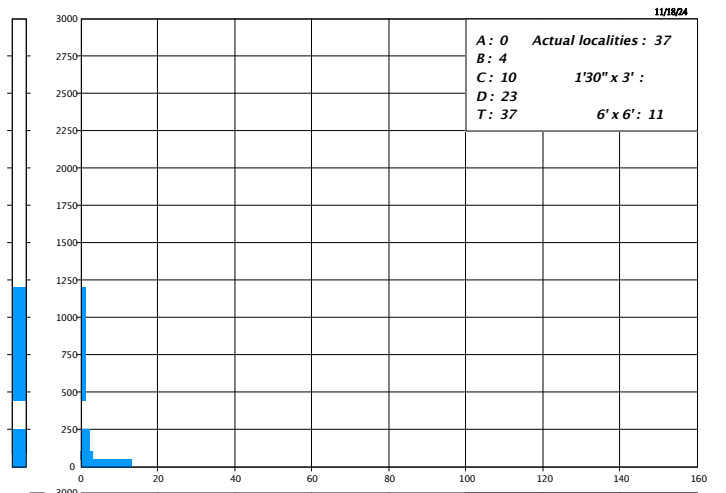
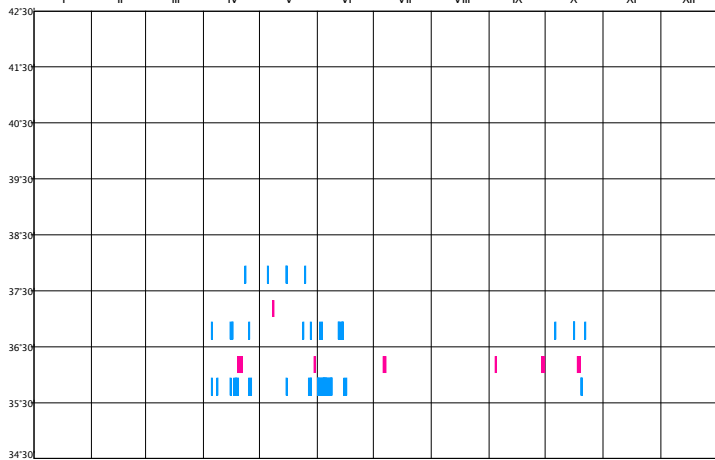
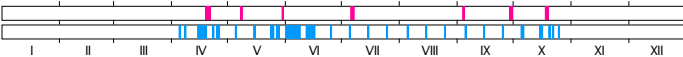
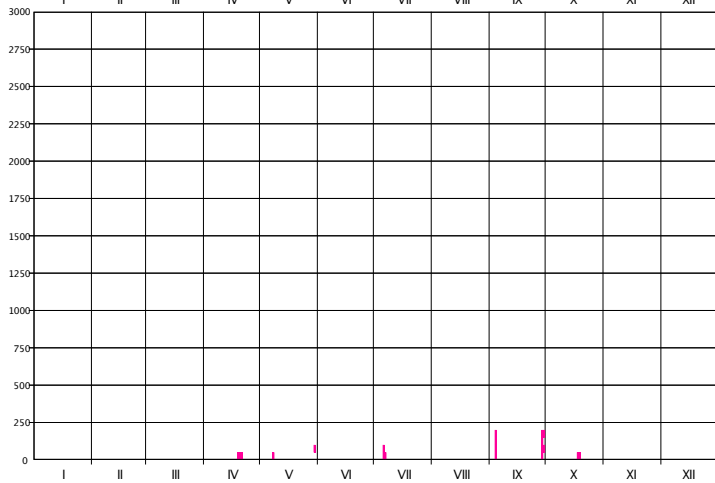
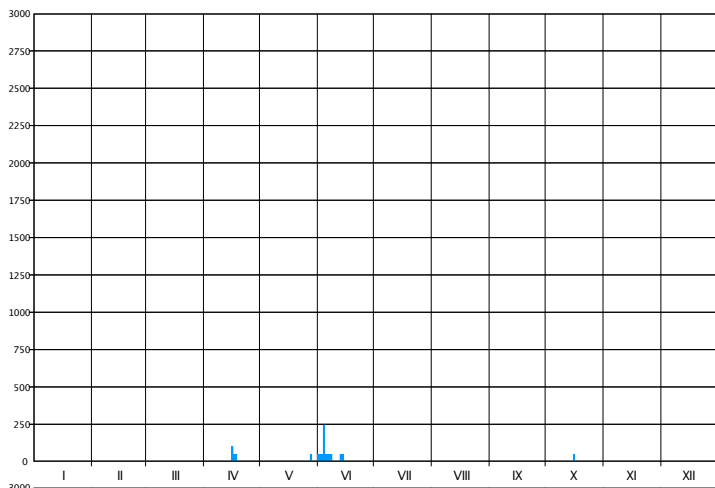




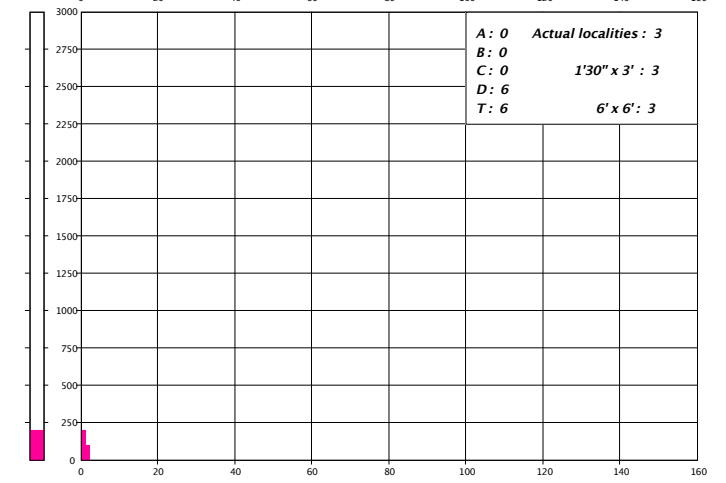


SATYRIDAE *Proterebia phegea*



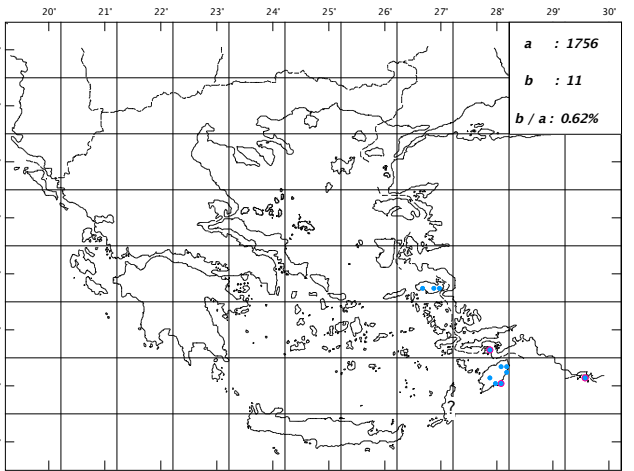


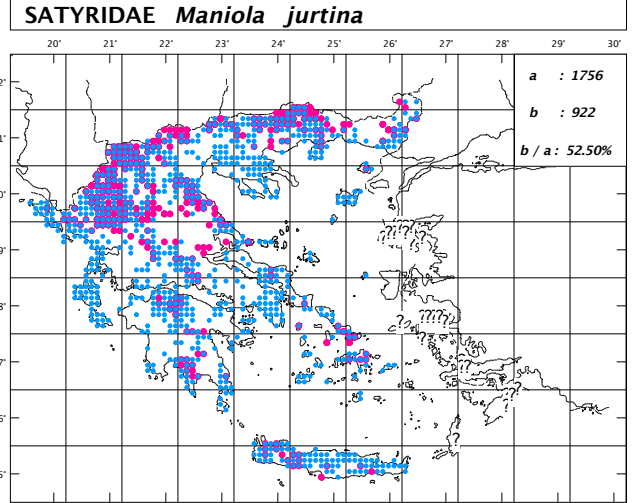
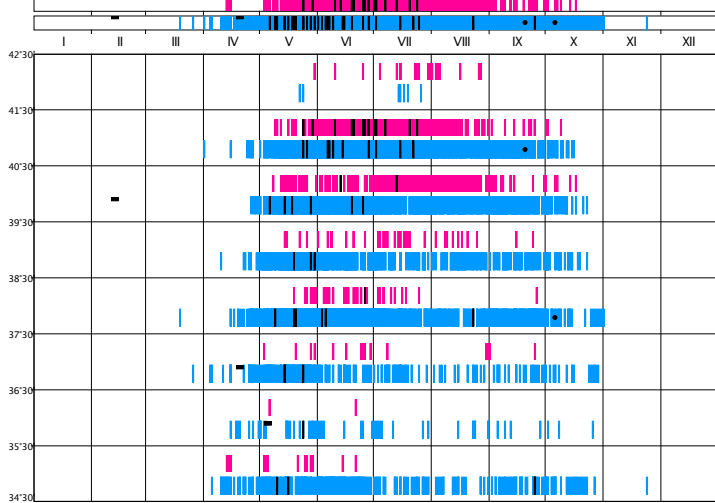
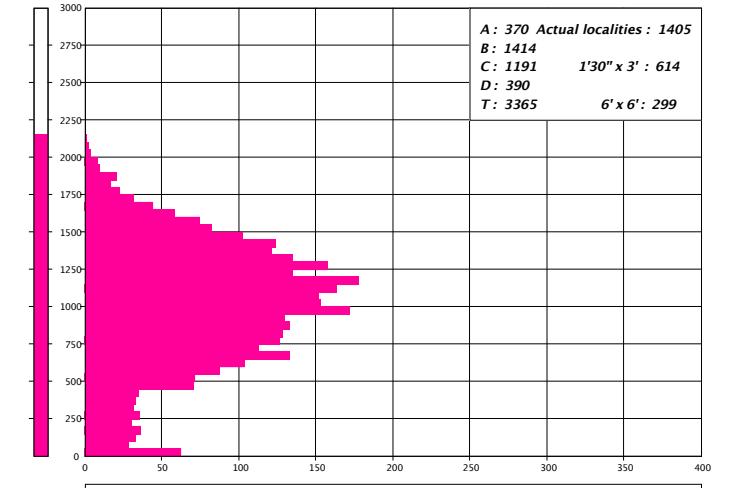
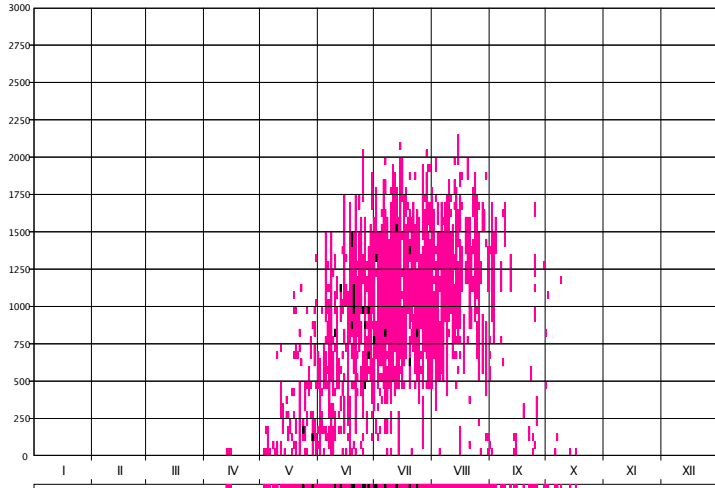
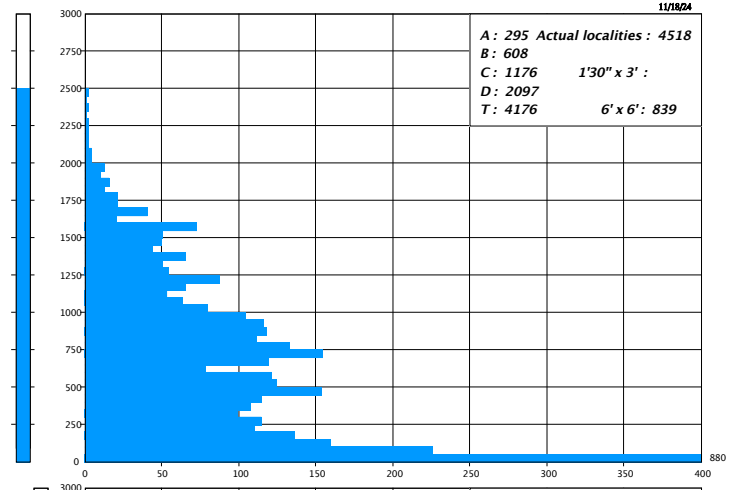
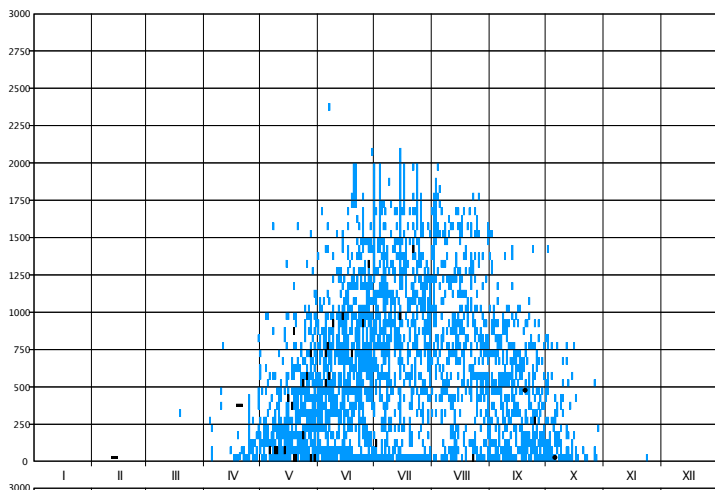
11/18/24
 A : 0 Actual localities : 37
 B : 4
 C : 10 1'30" x 3' :
 D : 23
 T : 37 6' x 6' : 11

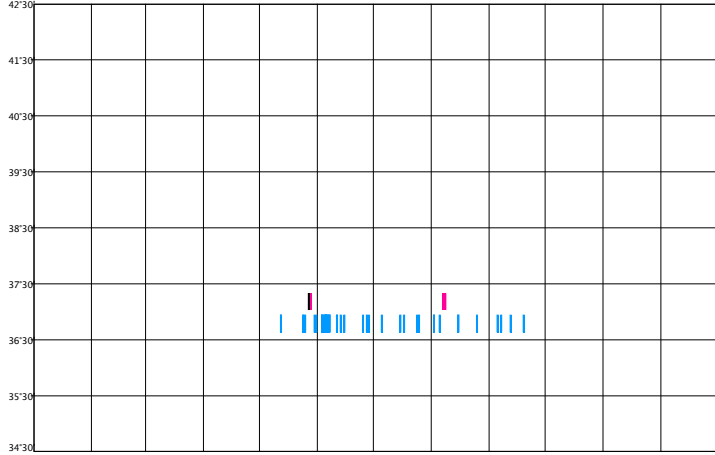
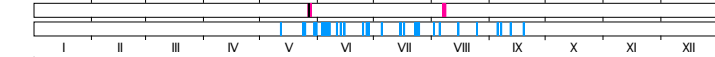
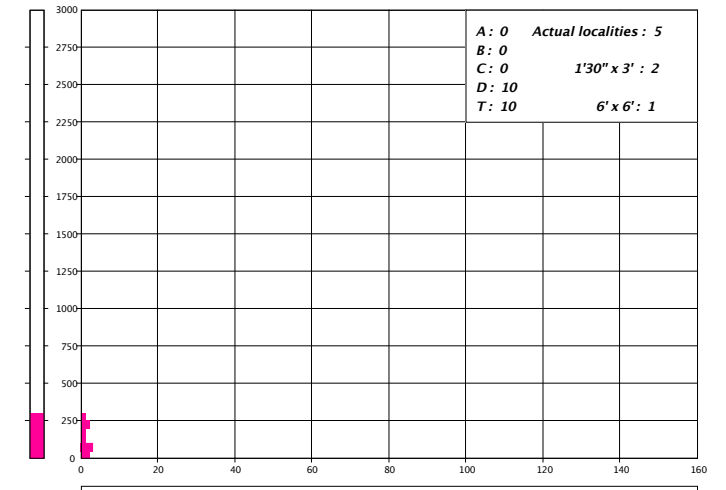
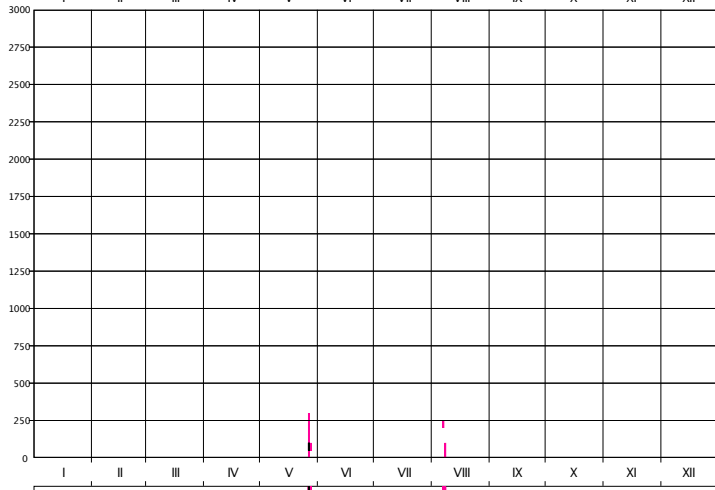
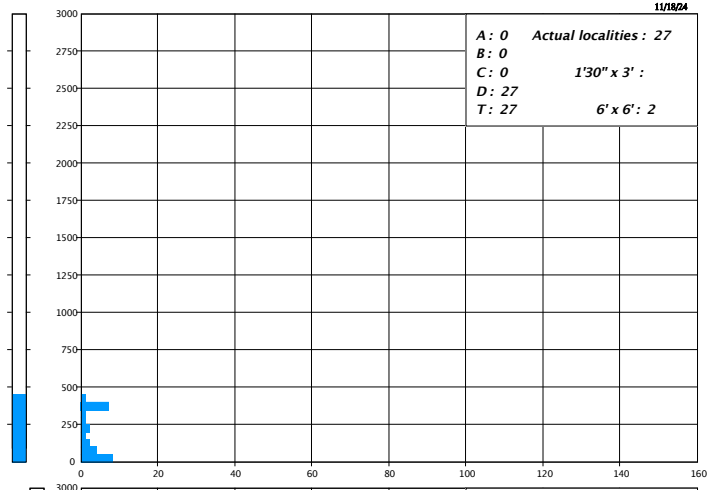
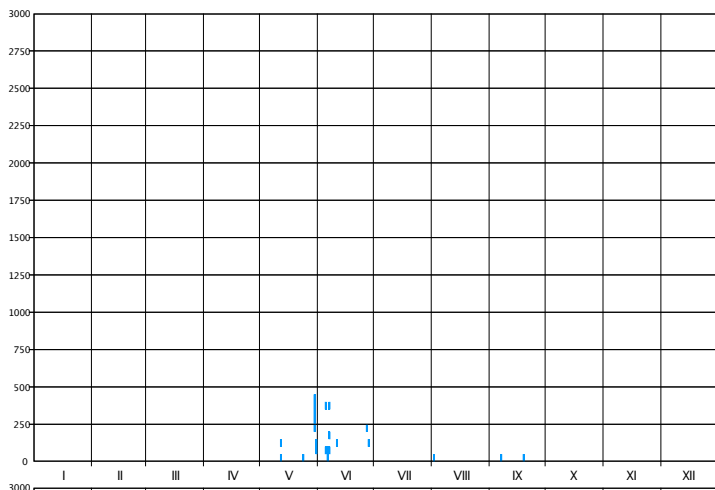


A : 0 Actual localities : 3
 B : 0
 C : 0 1'30" x 3' : 3
 D : 6
 T : 6 6' x 6' : 3

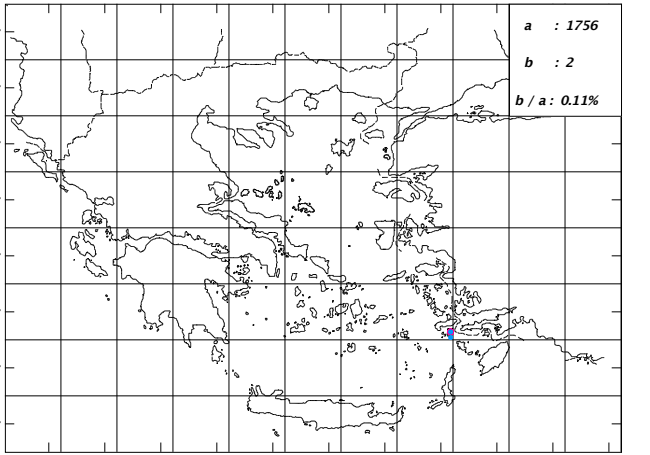
SATYRIDAE *Ypthima asterope*

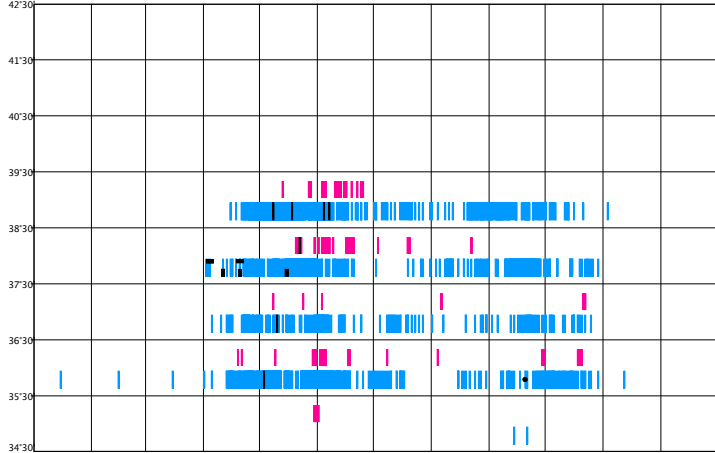
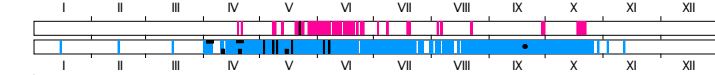
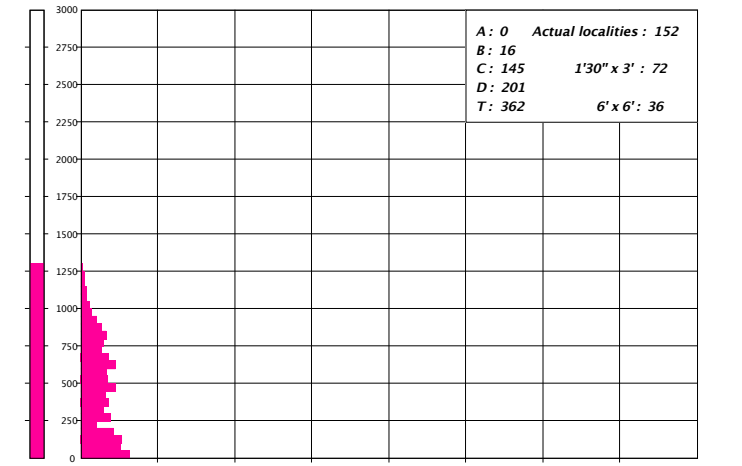
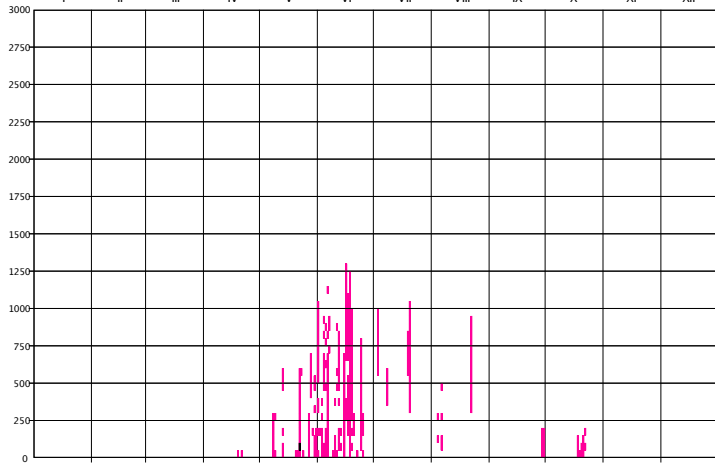
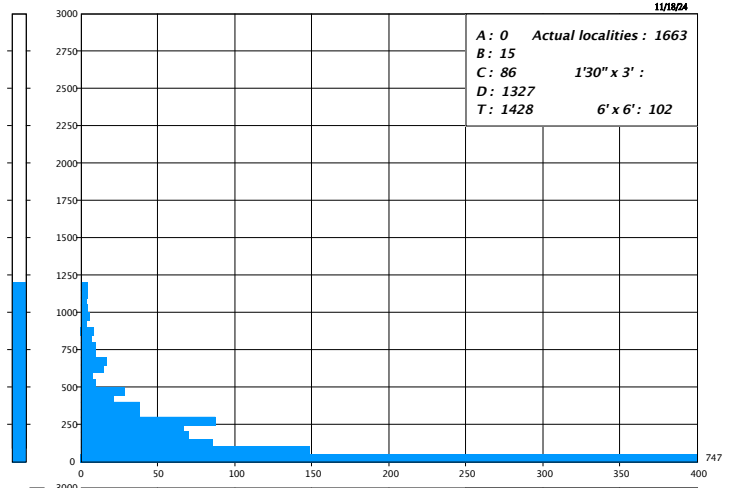
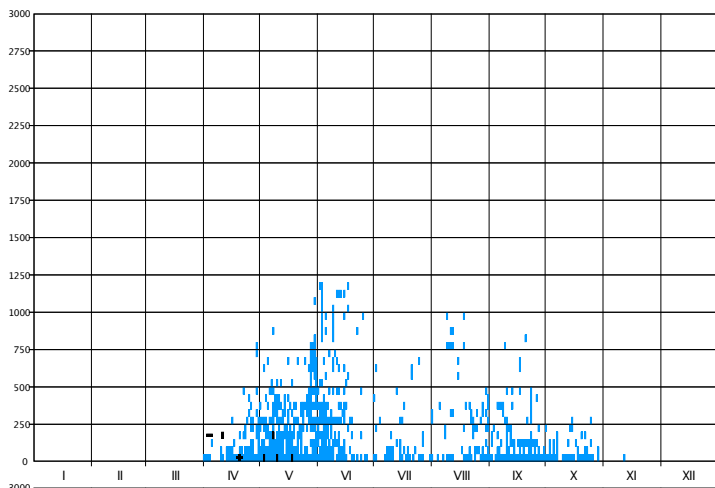




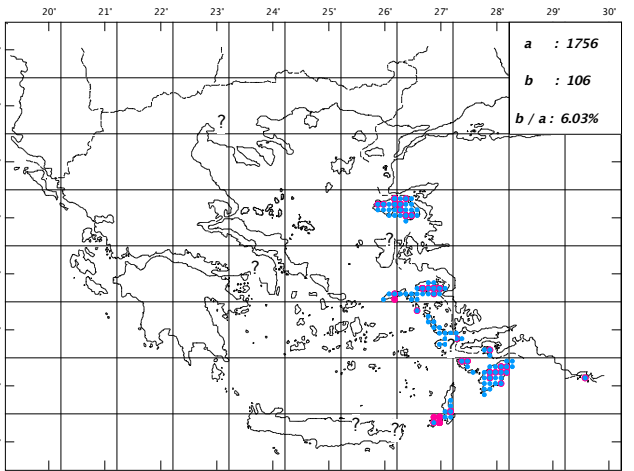


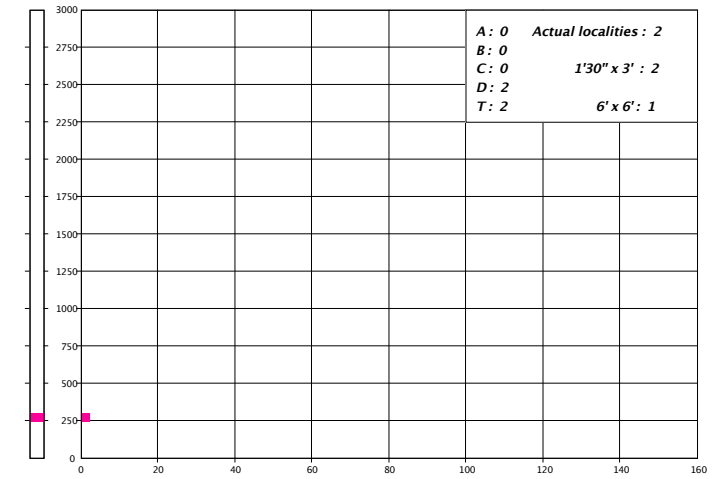
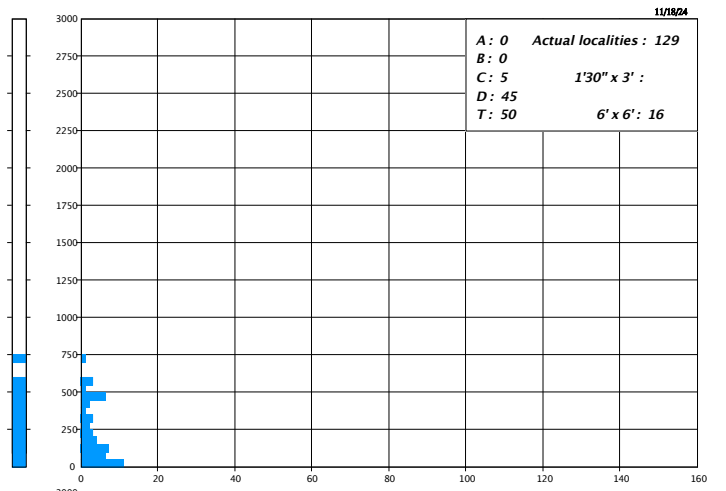
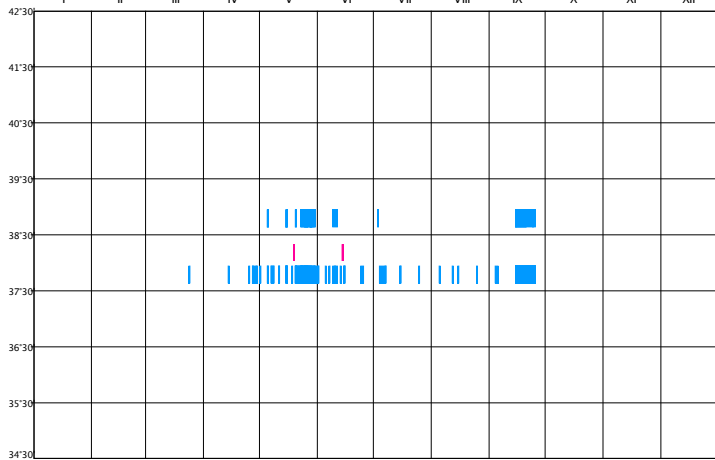
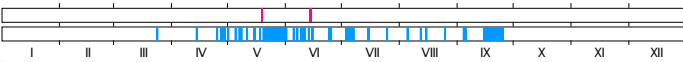
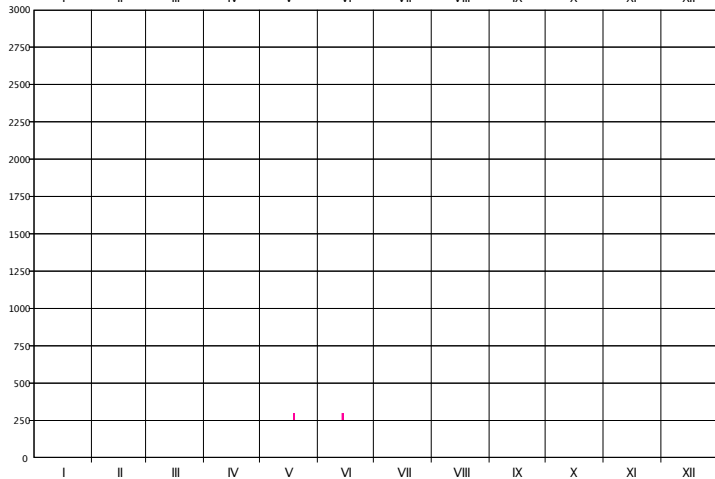
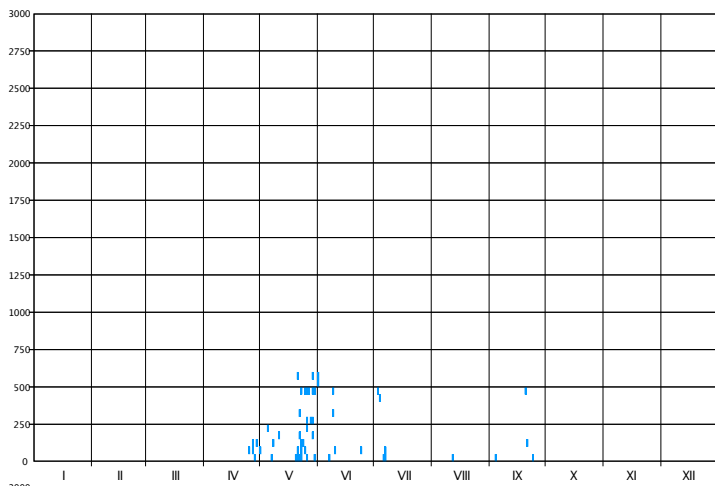
SATYRIDAE *Maniola halicarnassus*



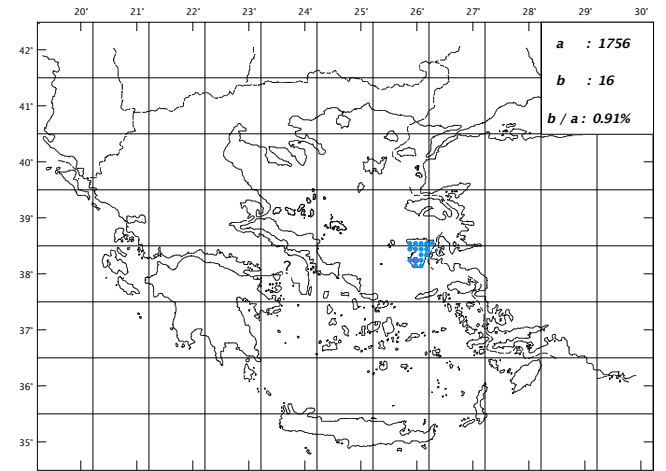


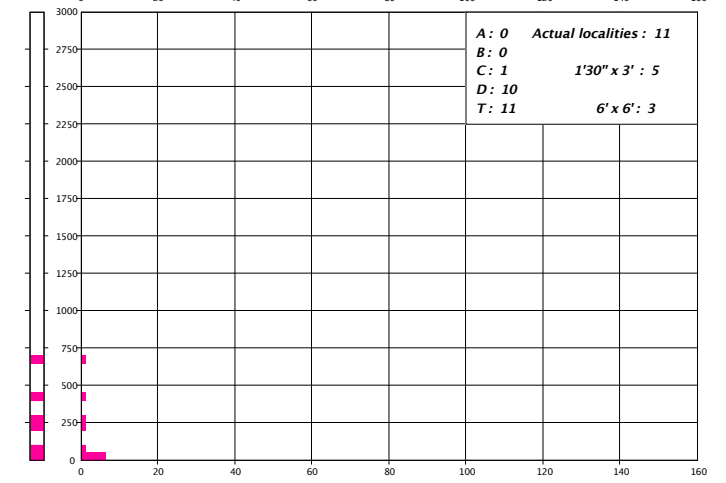
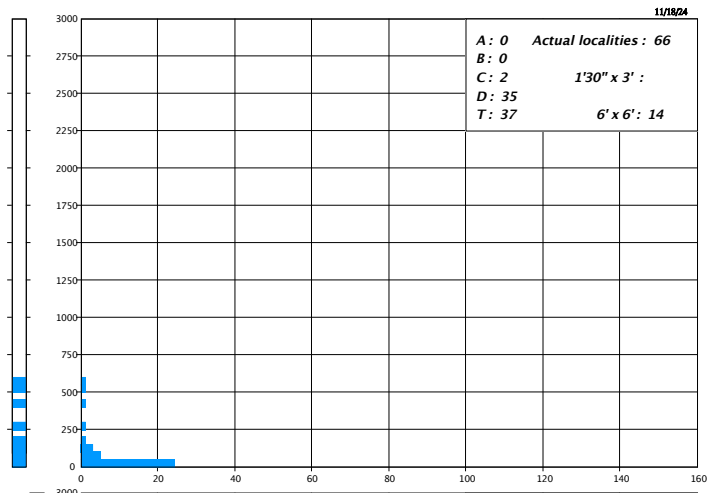
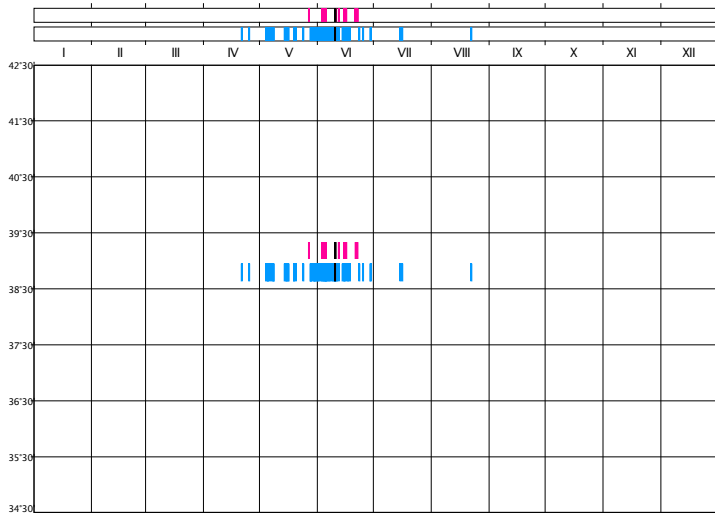
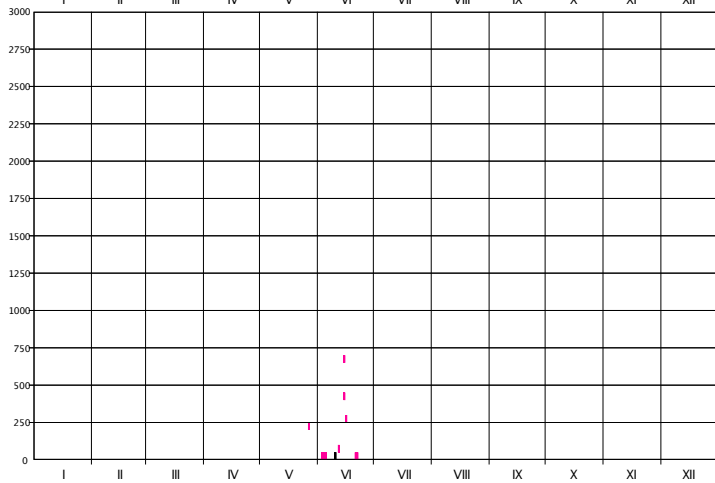
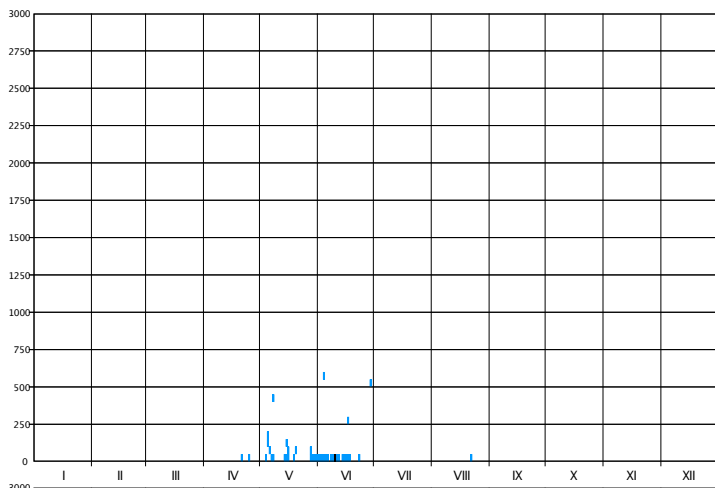
SATYRIDAE *Maniola telmessia*



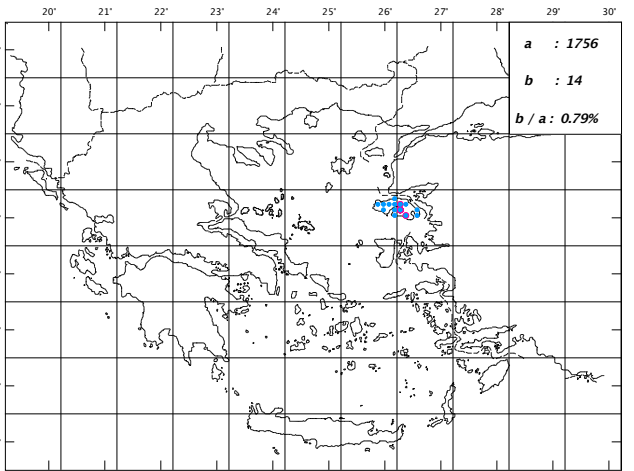


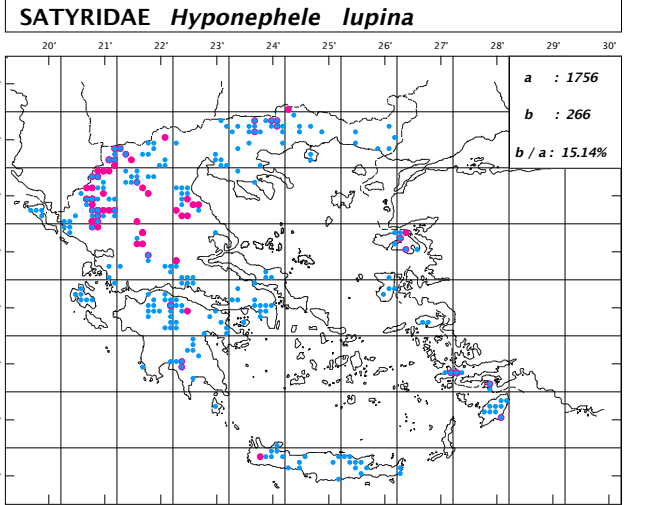
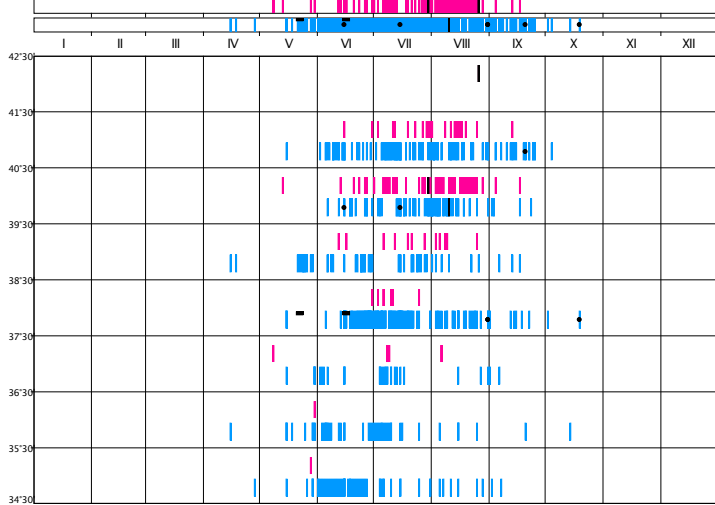
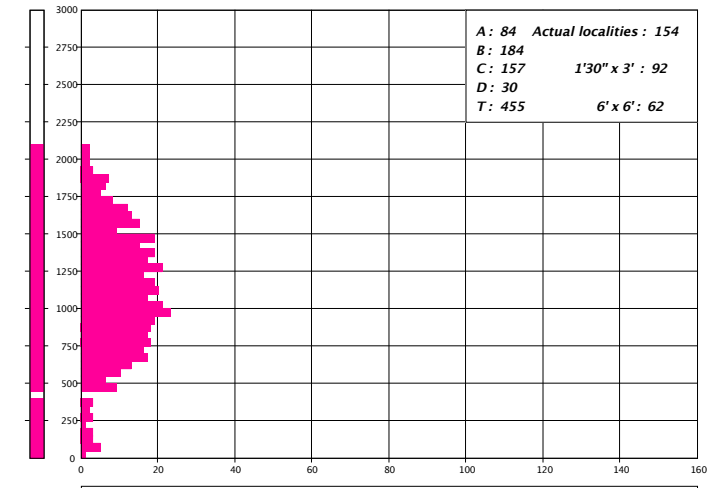
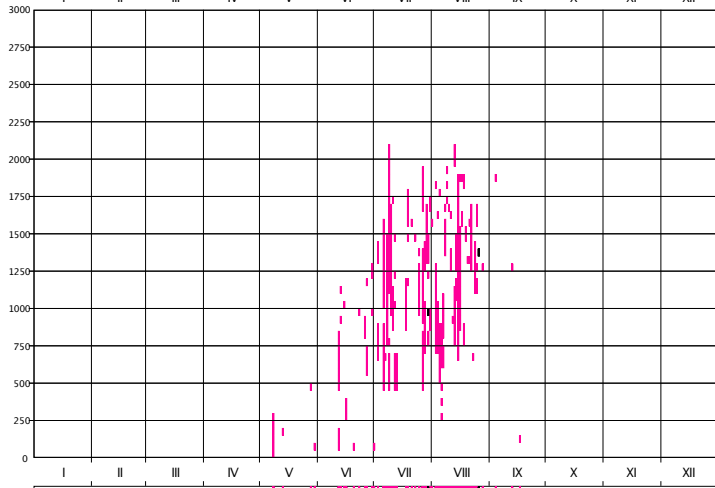
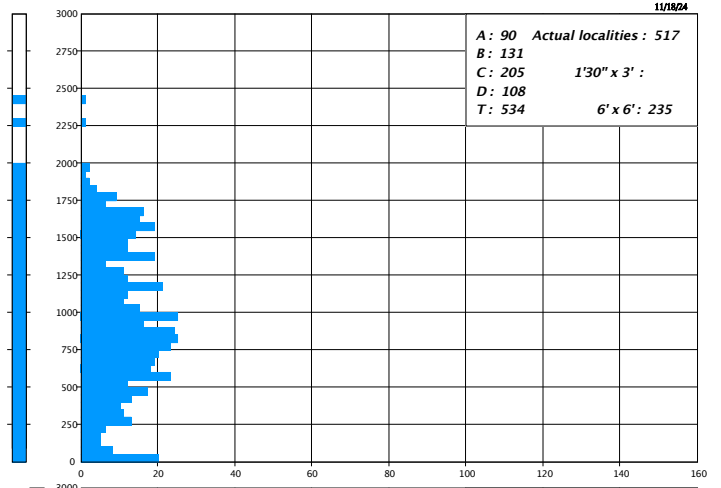
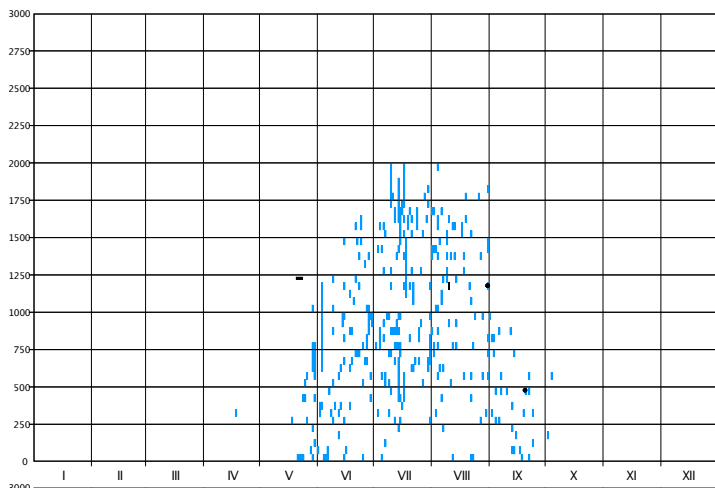
SATYRIDAE *Maniola chia*

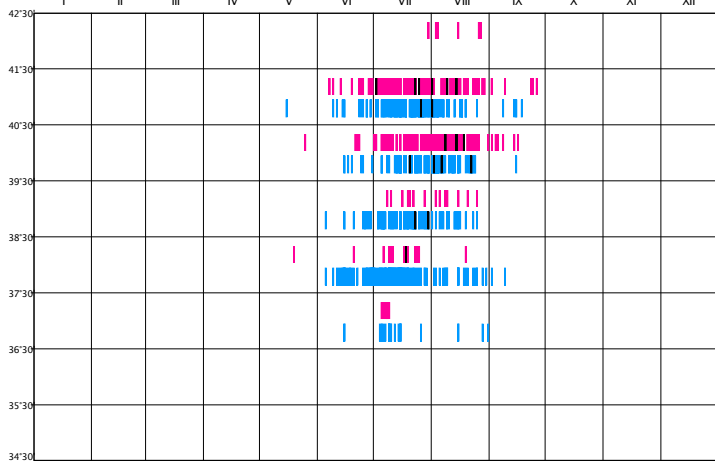
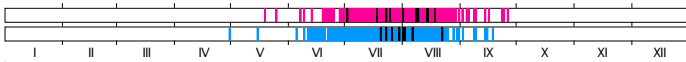
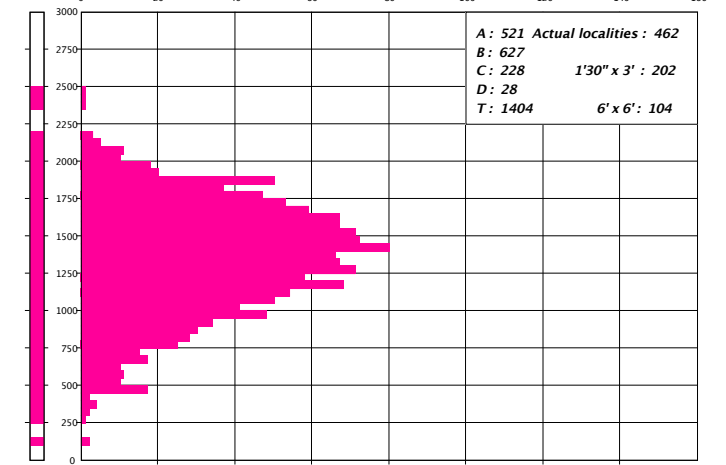
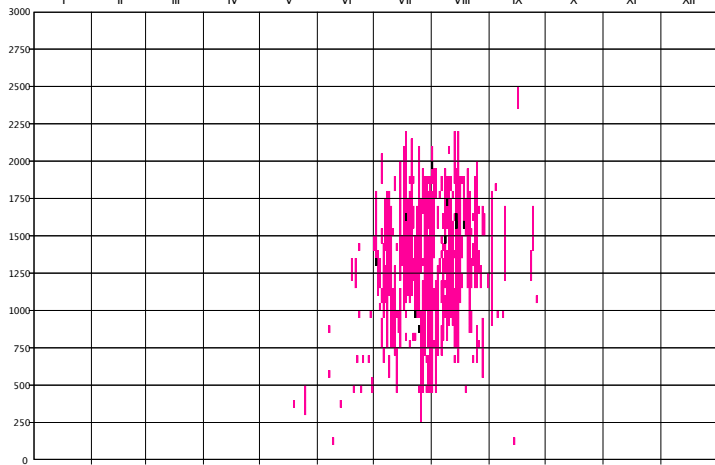
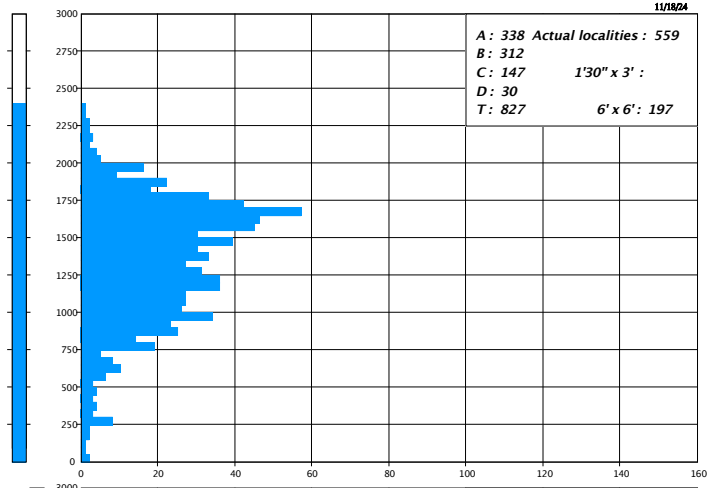
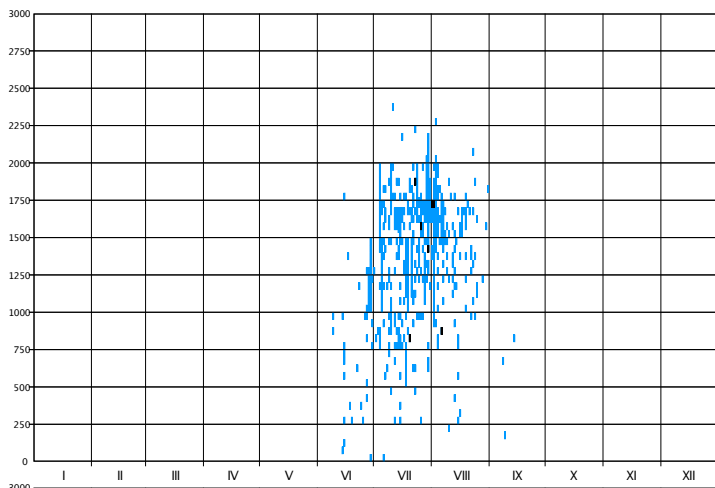




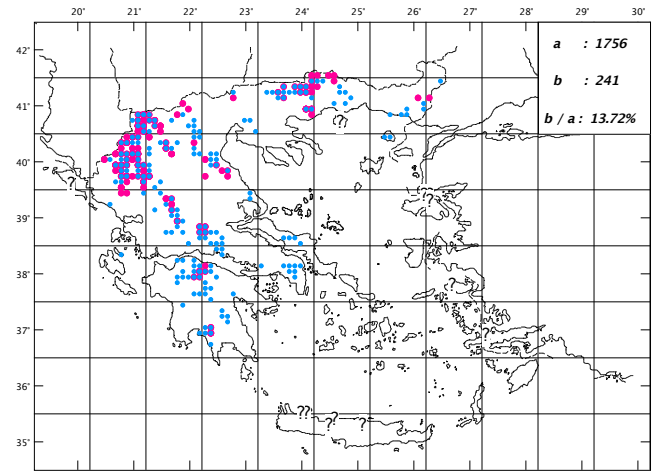
SATYRIDAE *Maniola megala*

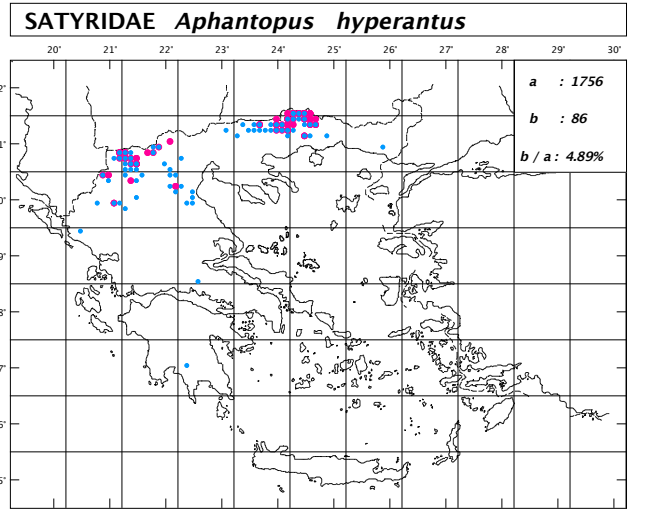
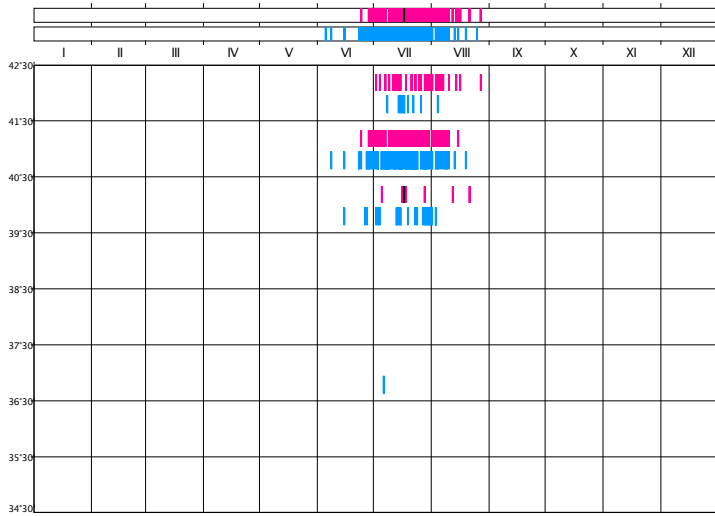
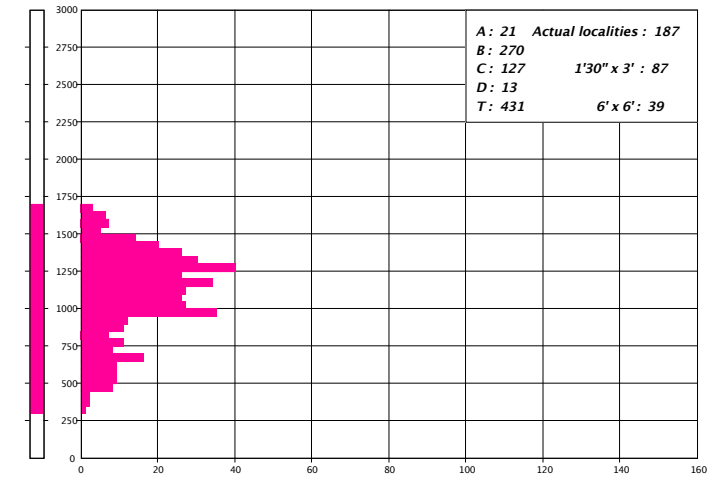
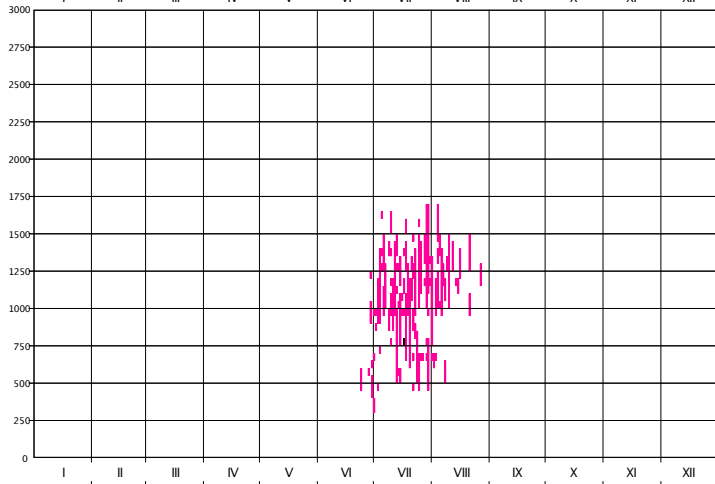
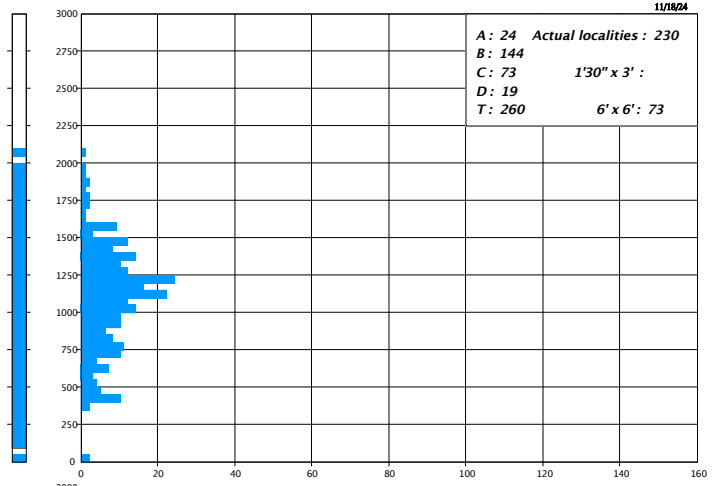
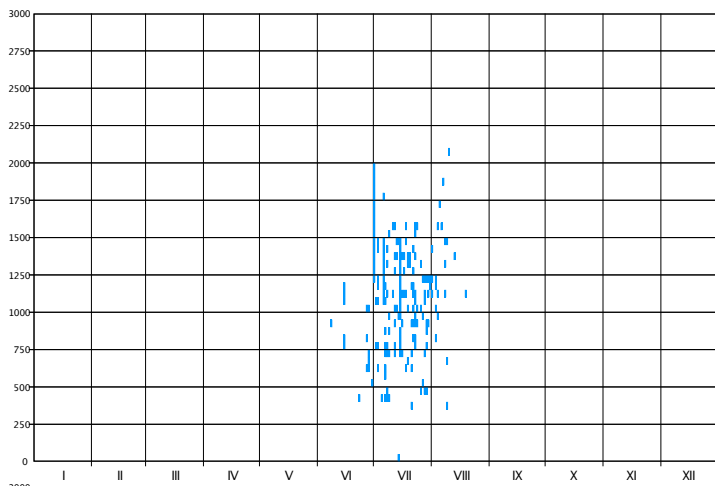


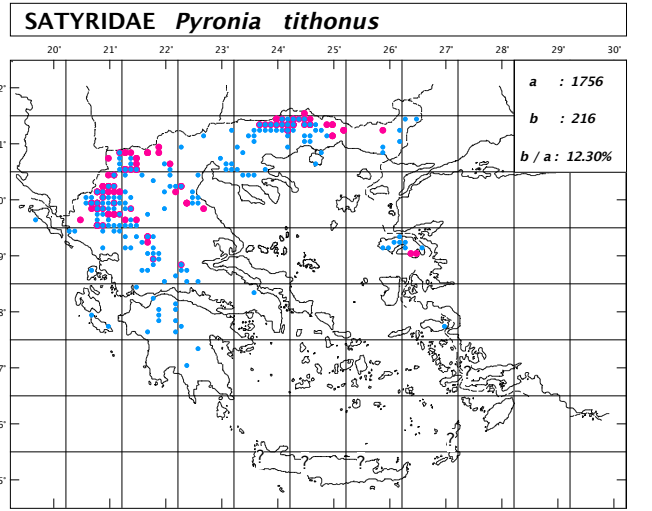
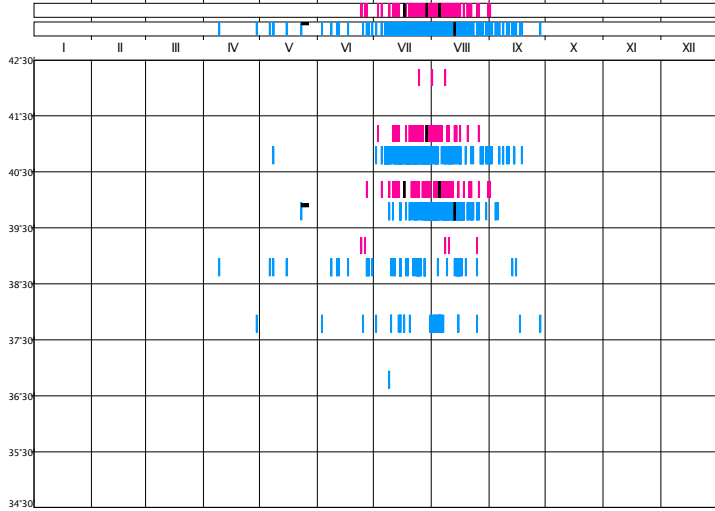
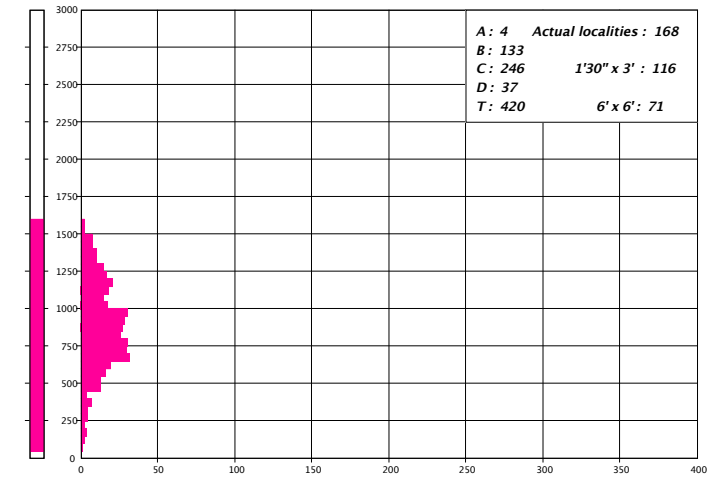
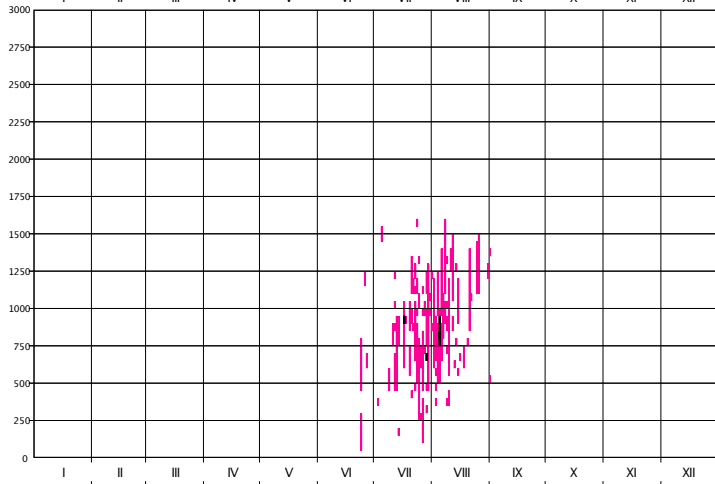
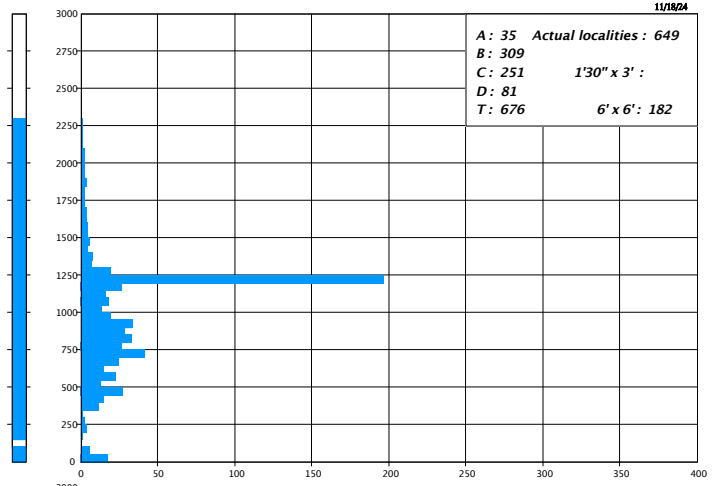
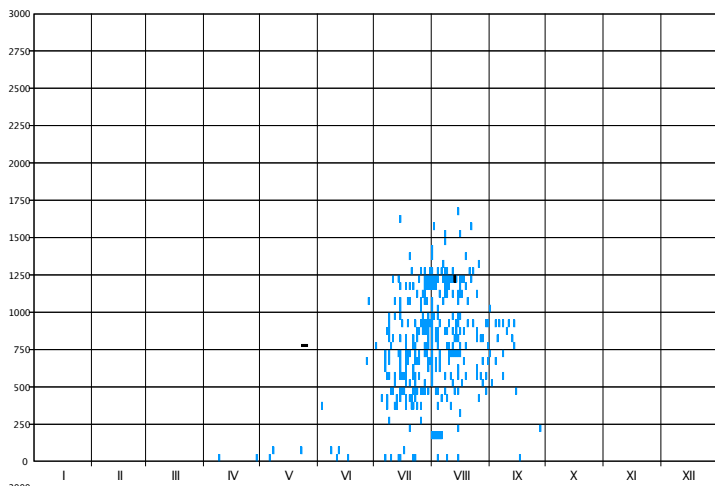


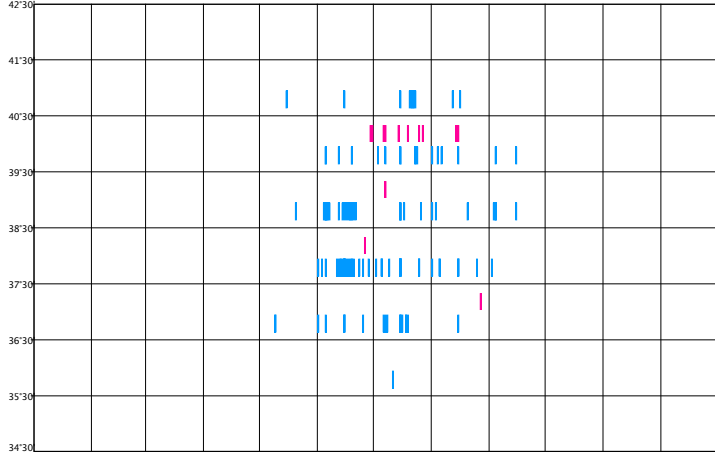
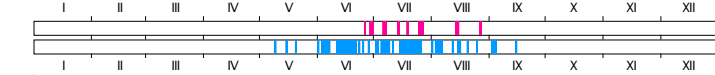
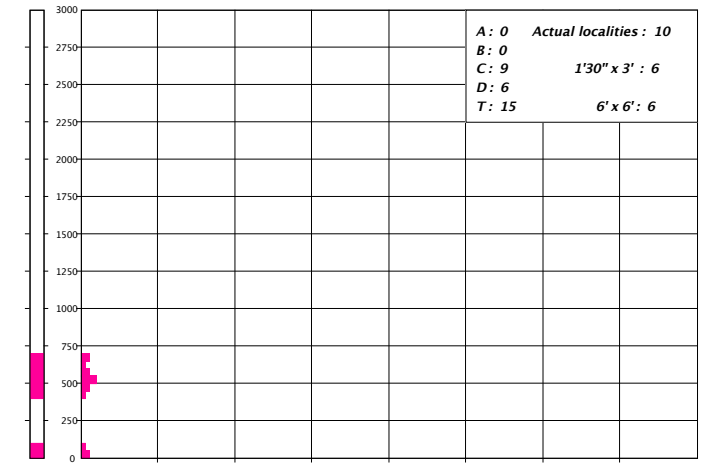
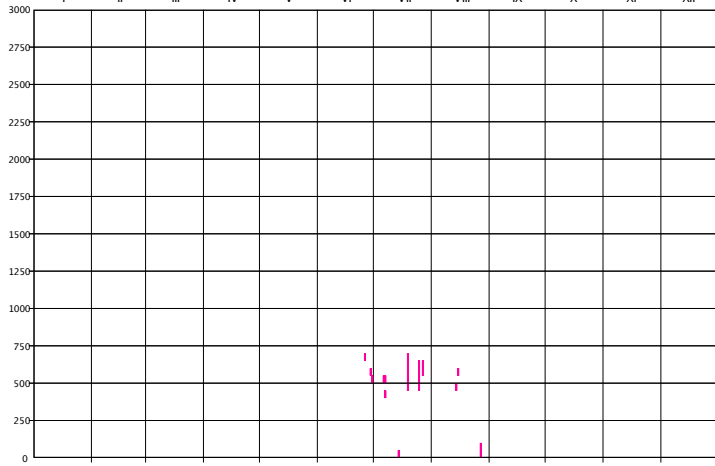
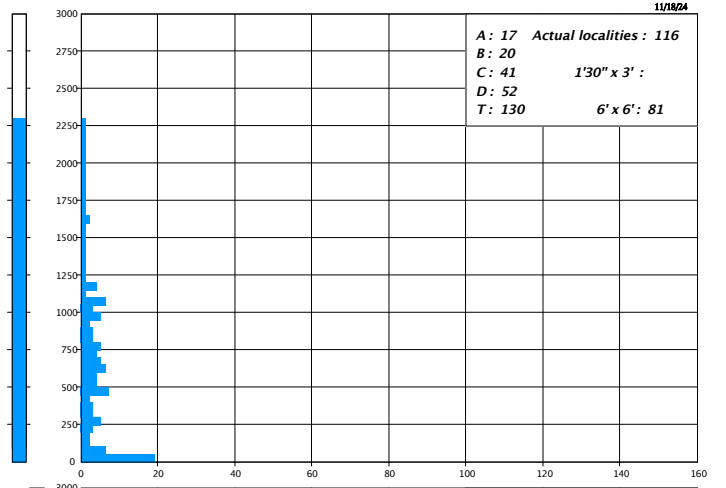
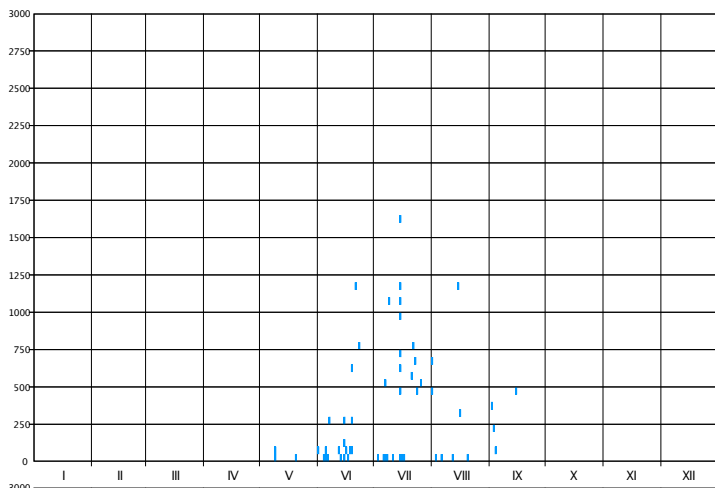


SATYRIDAE *Hyponphele lycaon*

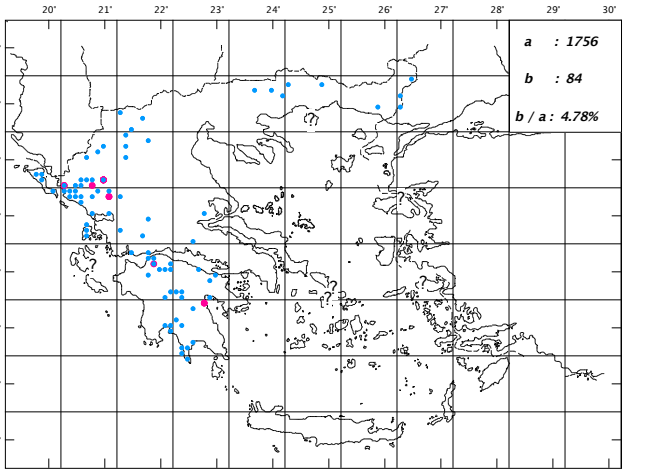


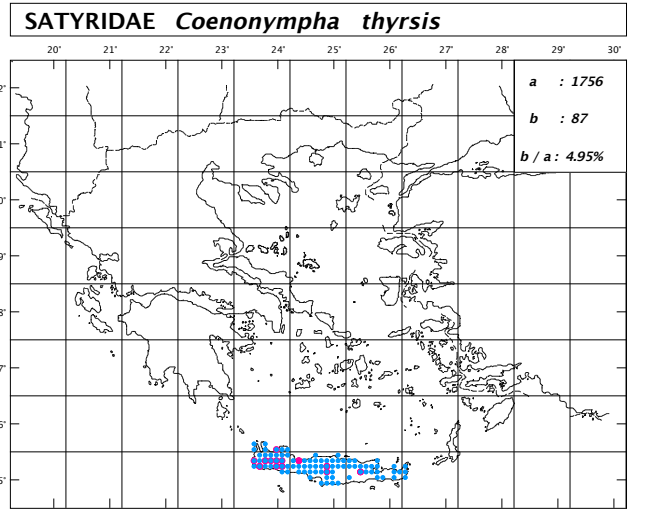
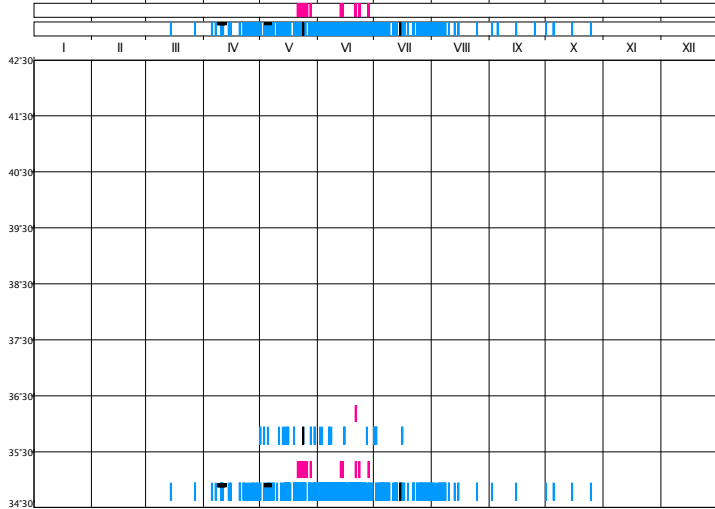
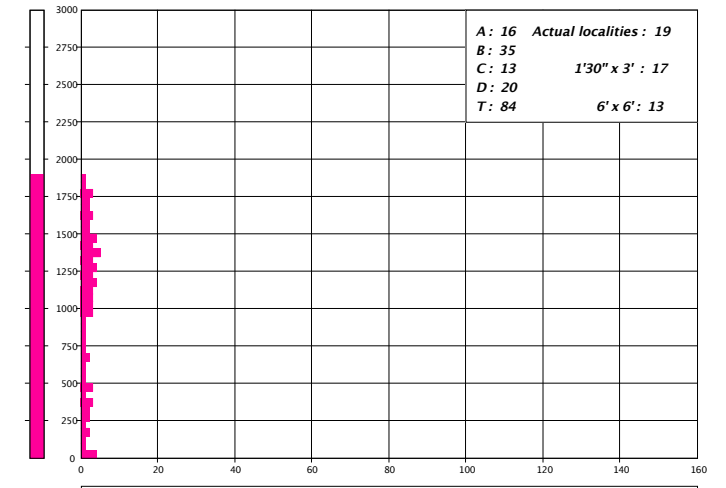
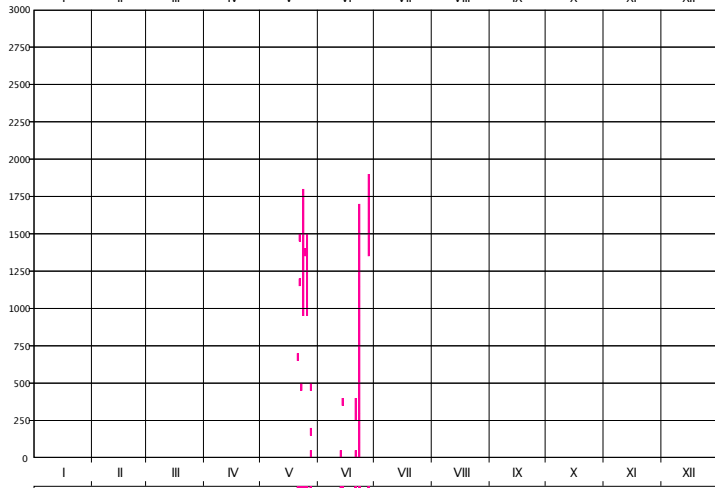
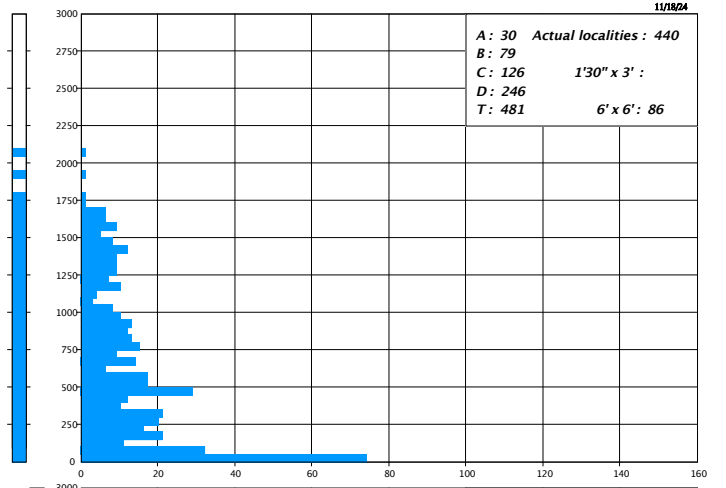
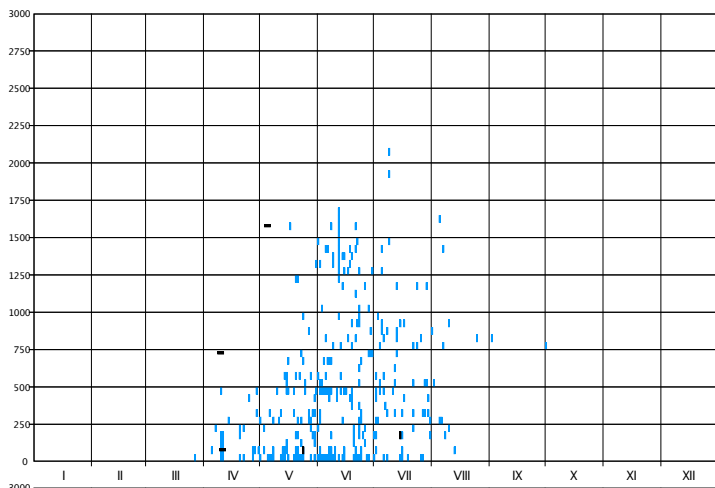


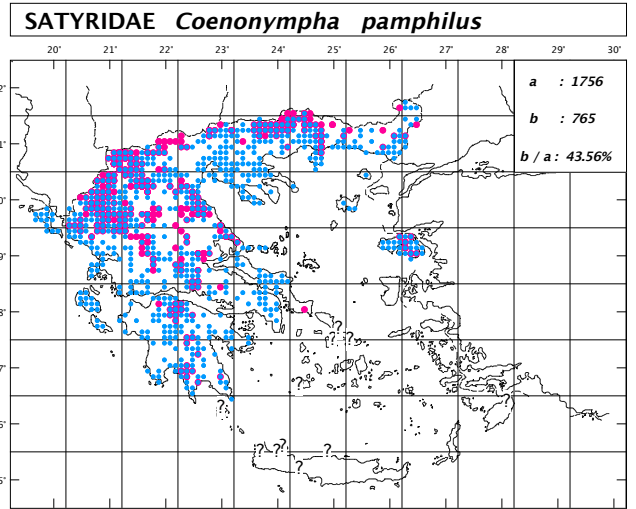
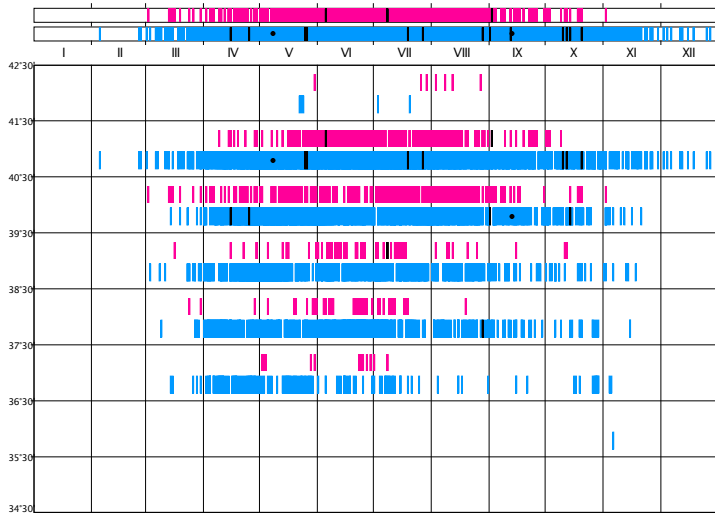
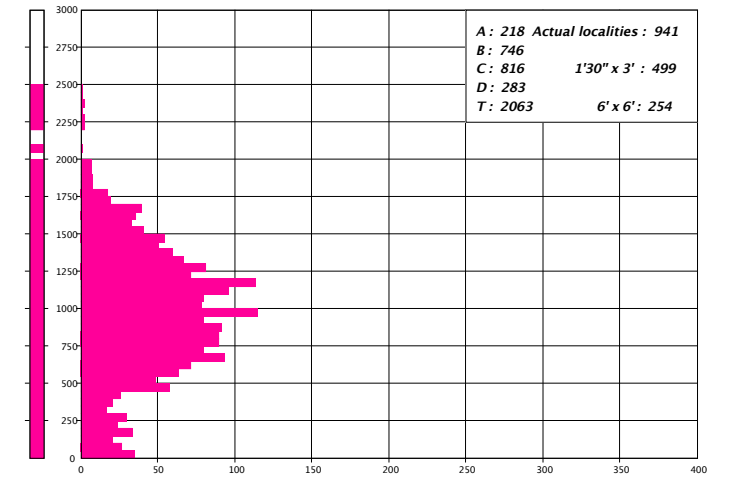
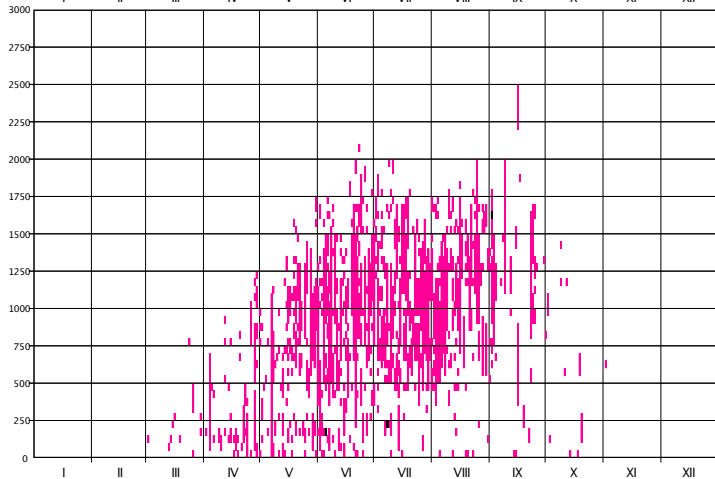
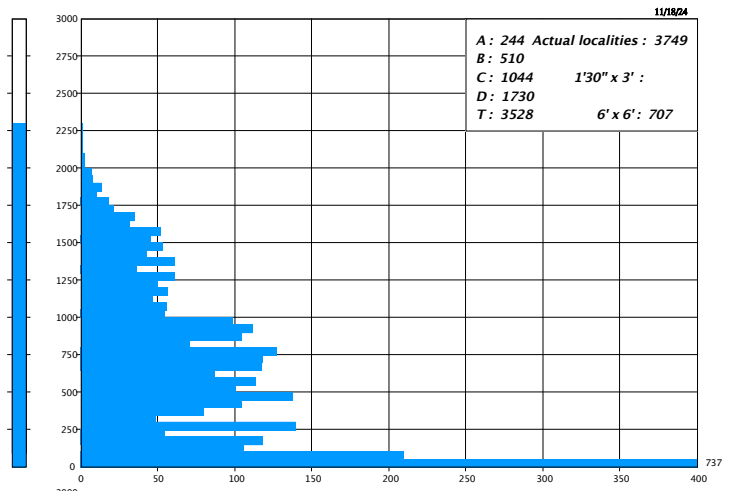
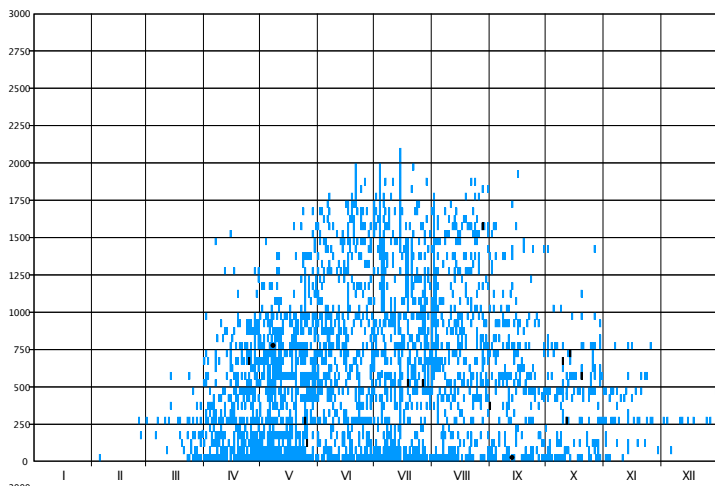


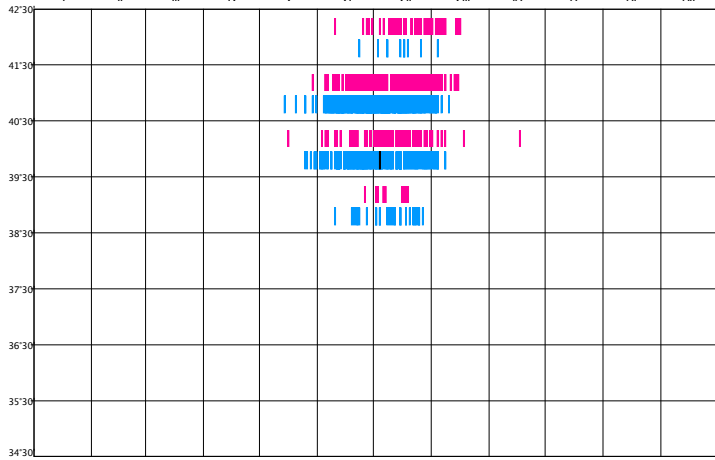
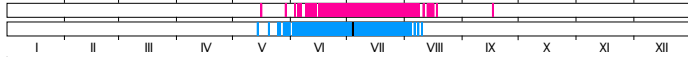
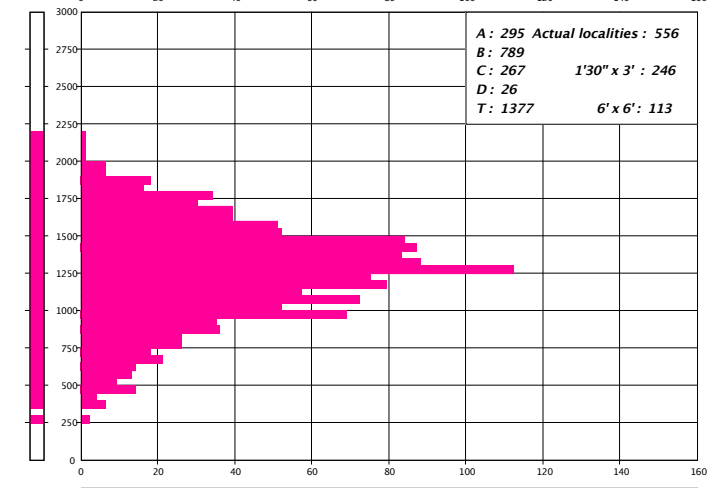
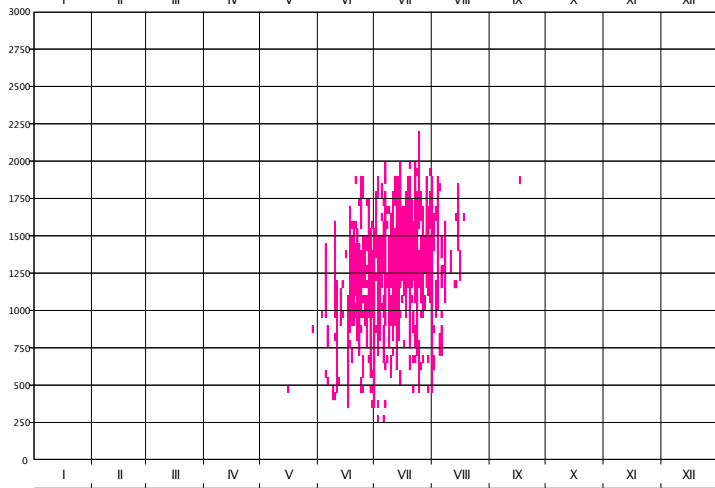
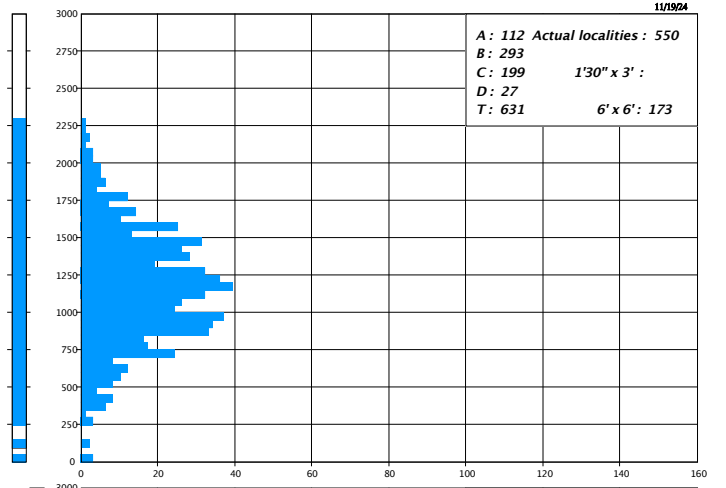
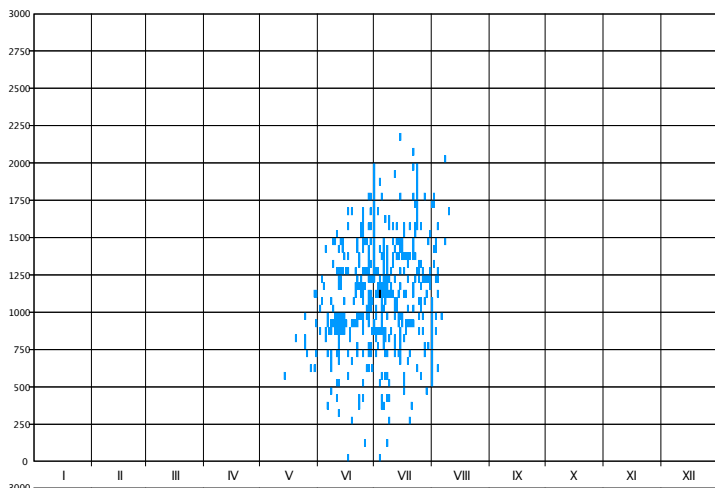


SATYRIDAE *Pyronia cecilia*

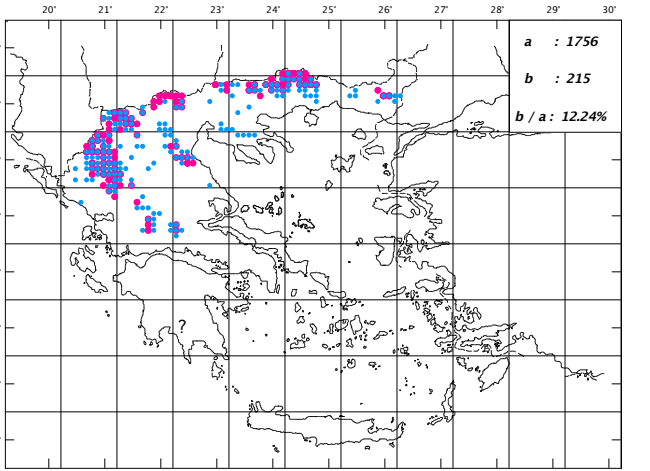


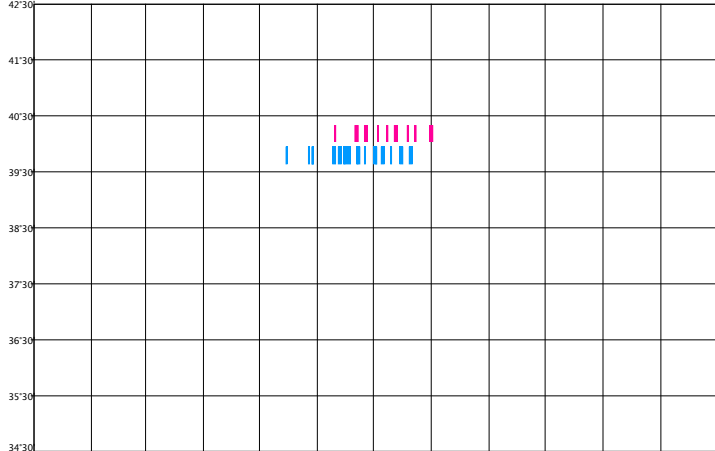
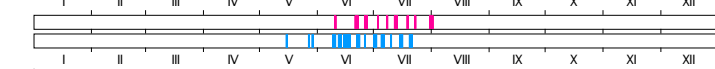
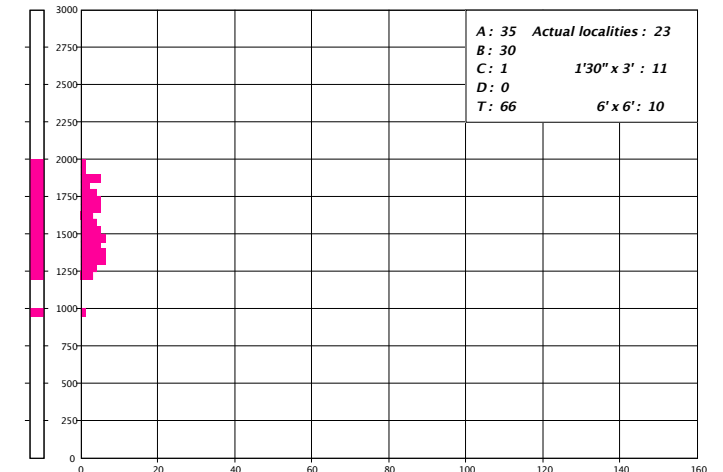
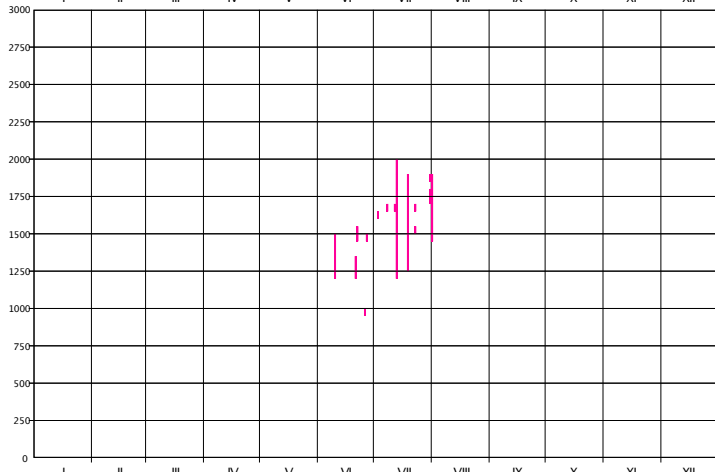
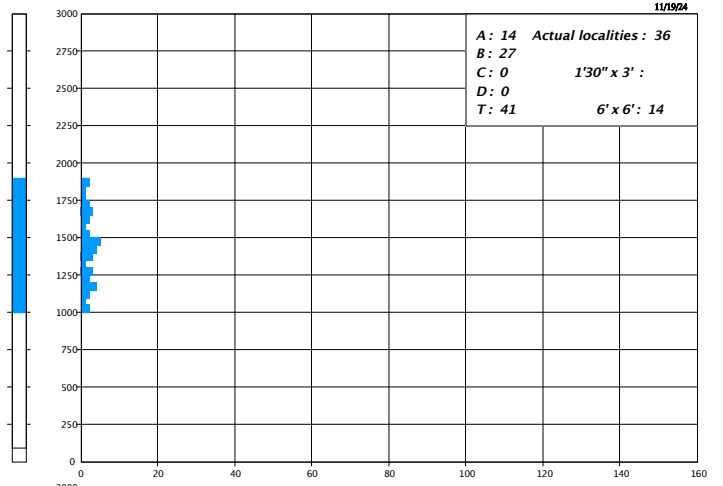
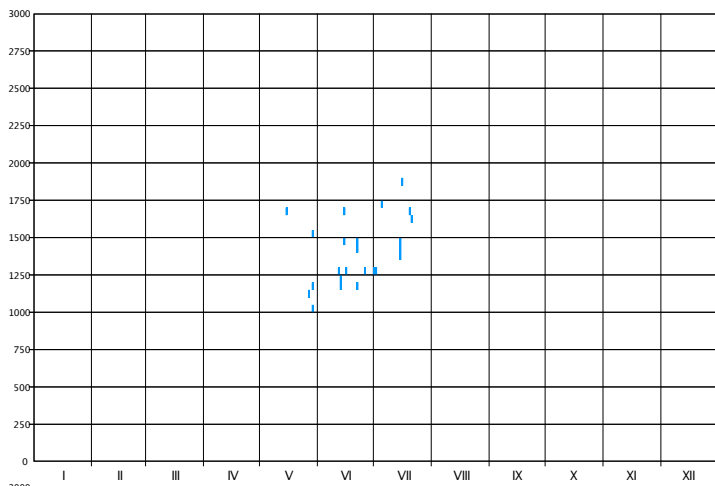




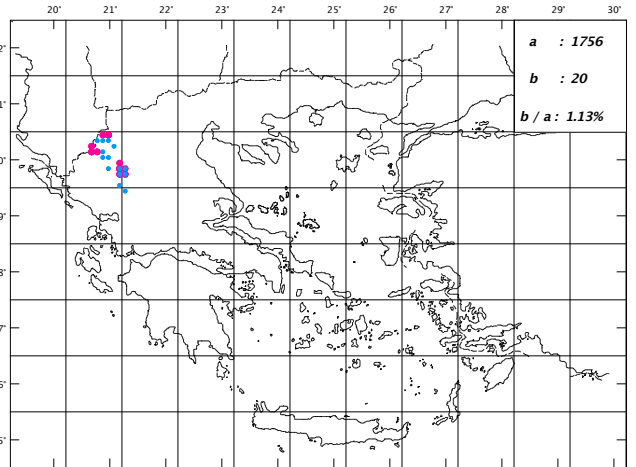


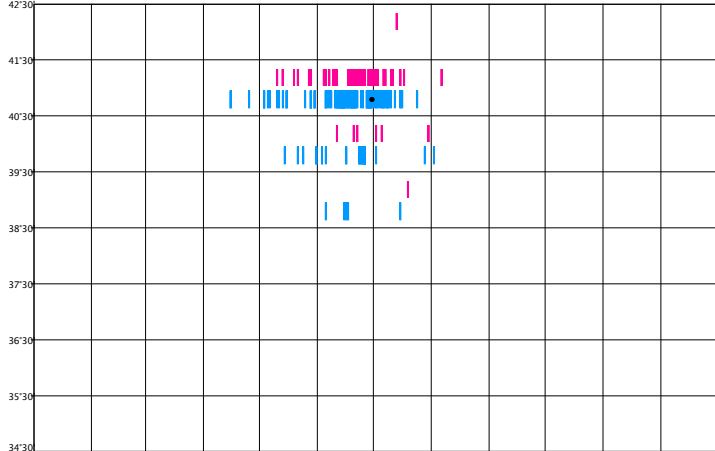
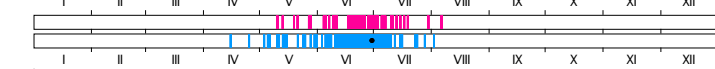
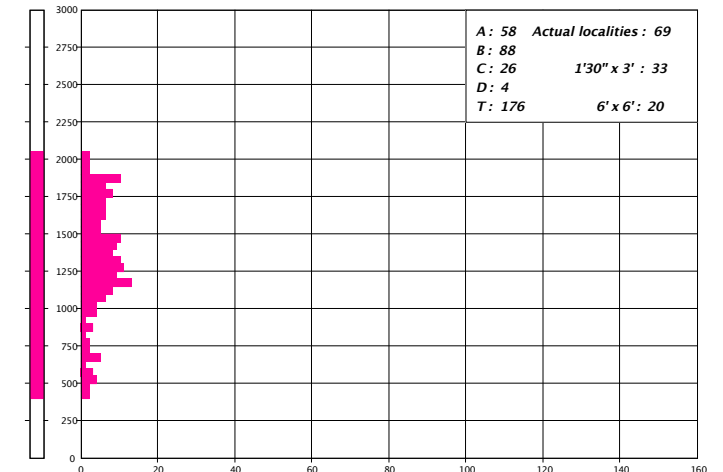
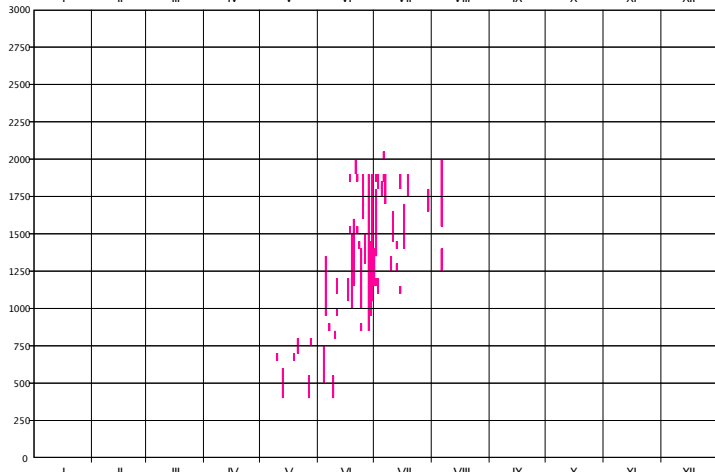
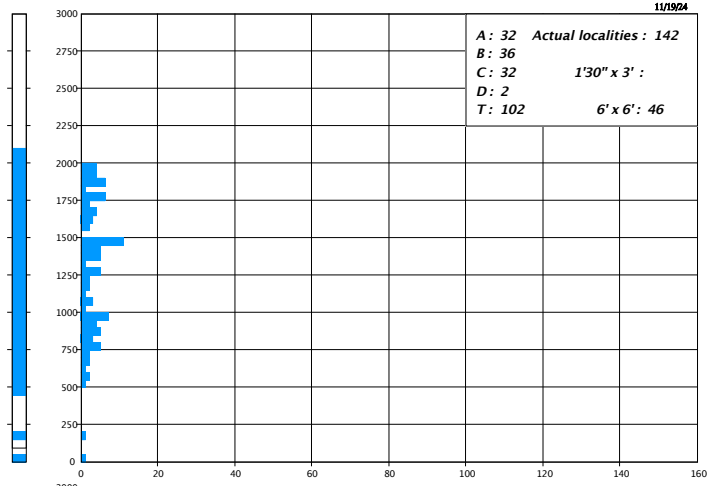
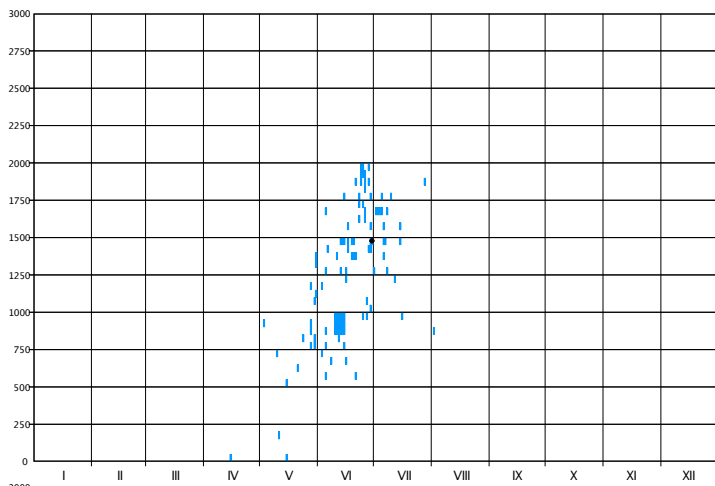
SATYRIDAE *Coenonympha arcania*



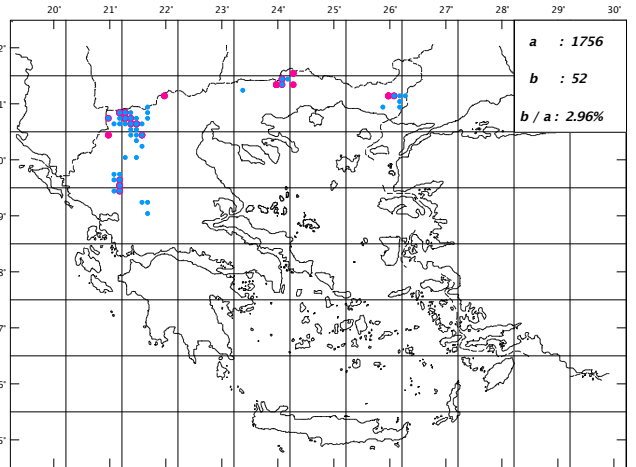


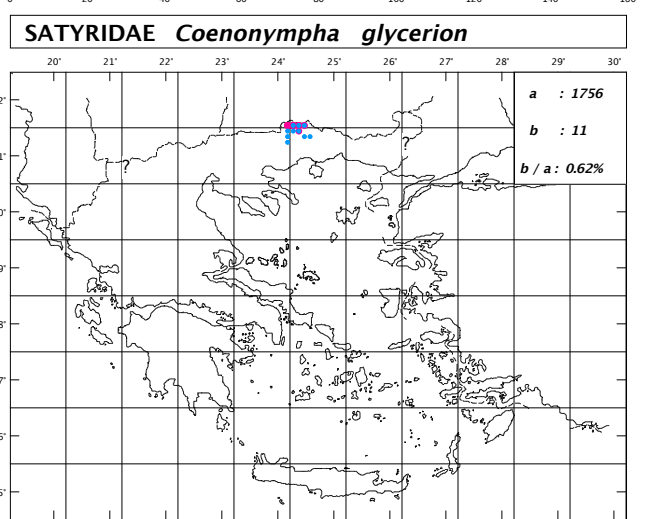
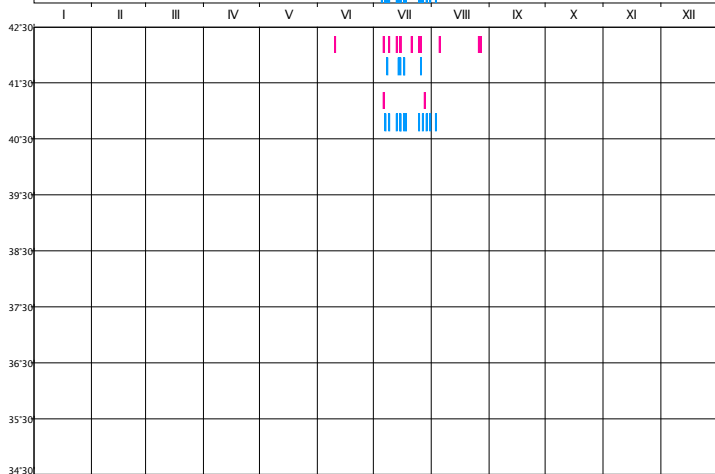
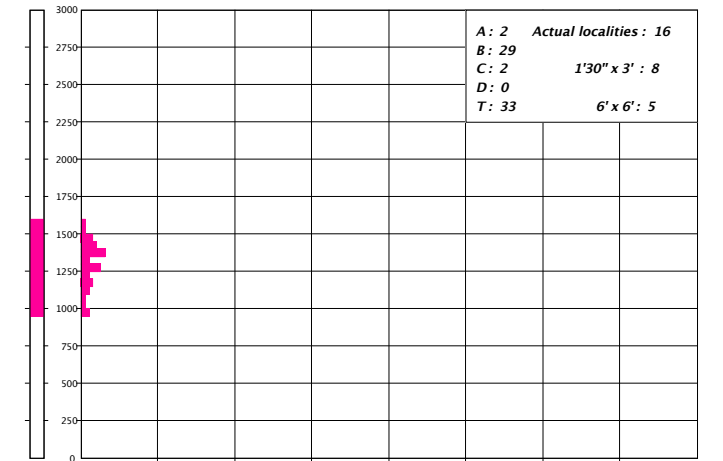
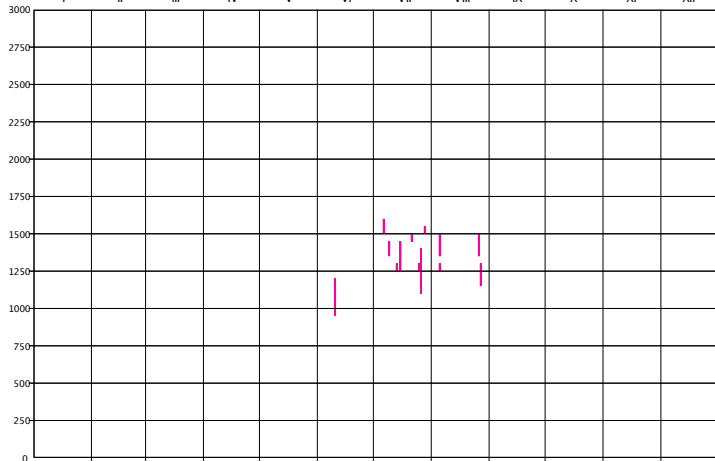
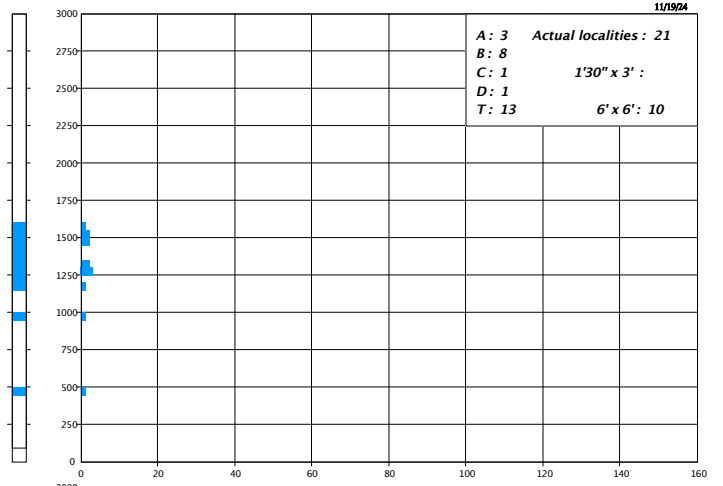
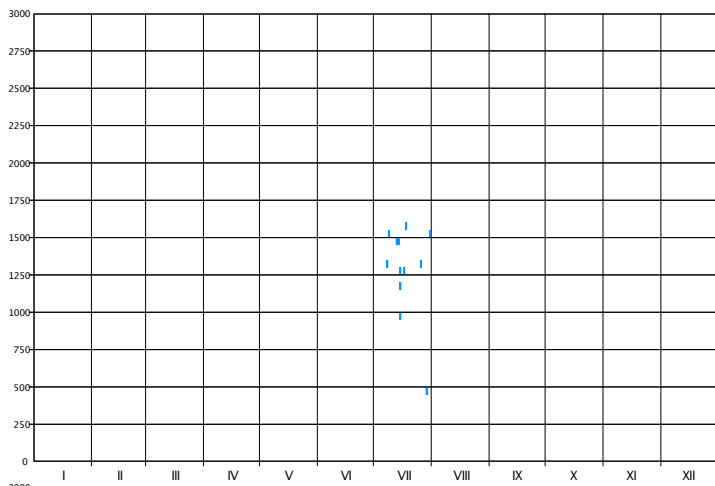
SATYRIDAE *Coenonympha orientalis*

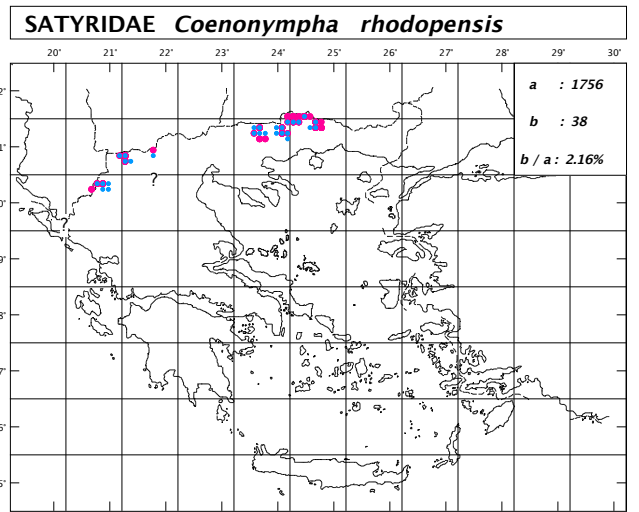
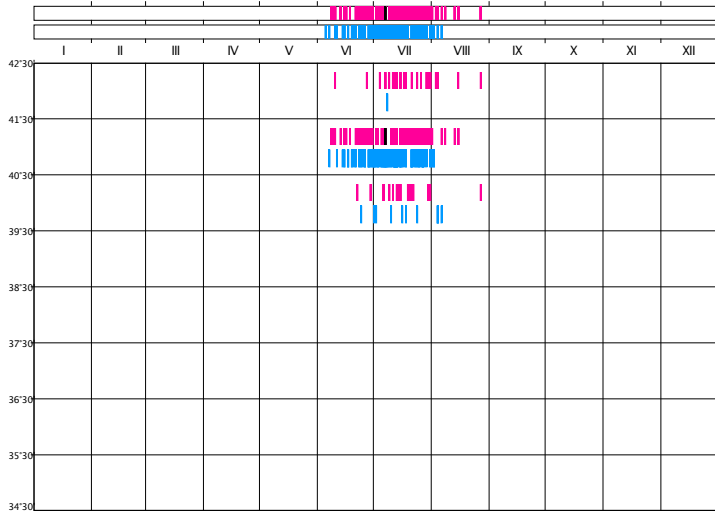
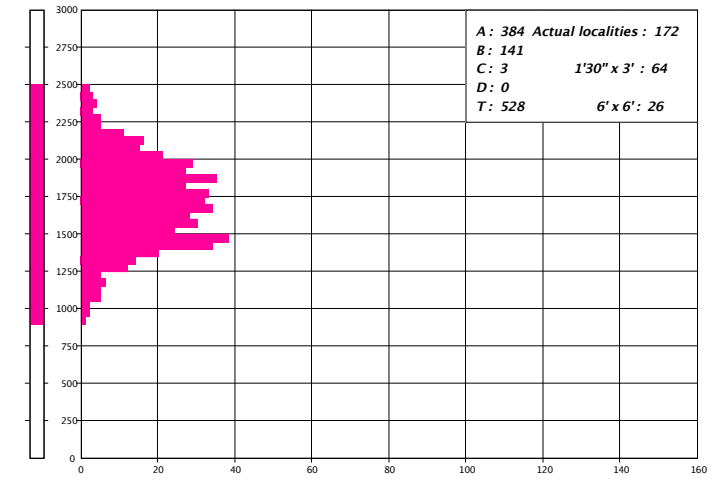
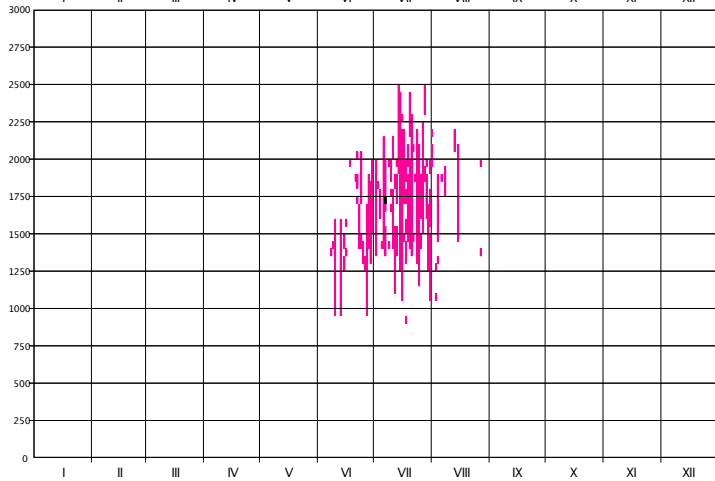
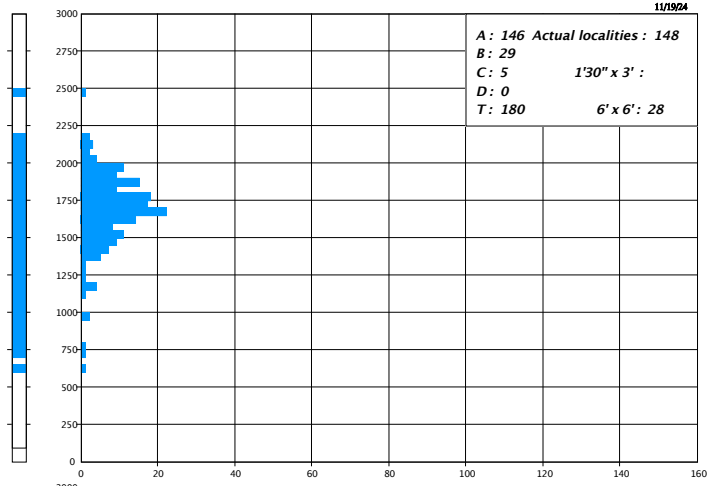
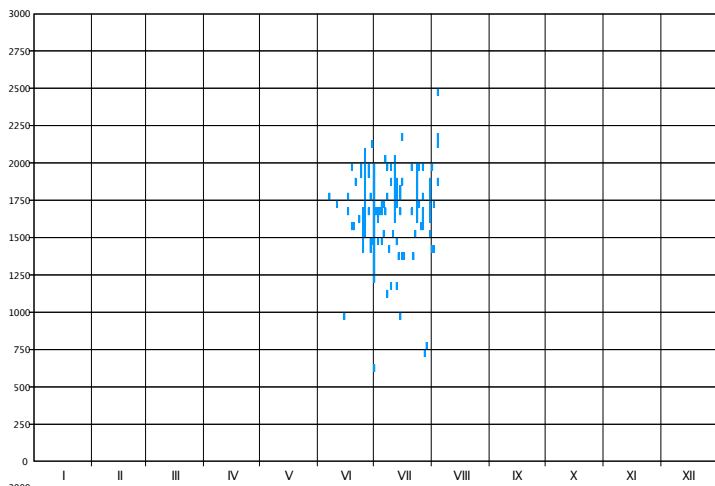


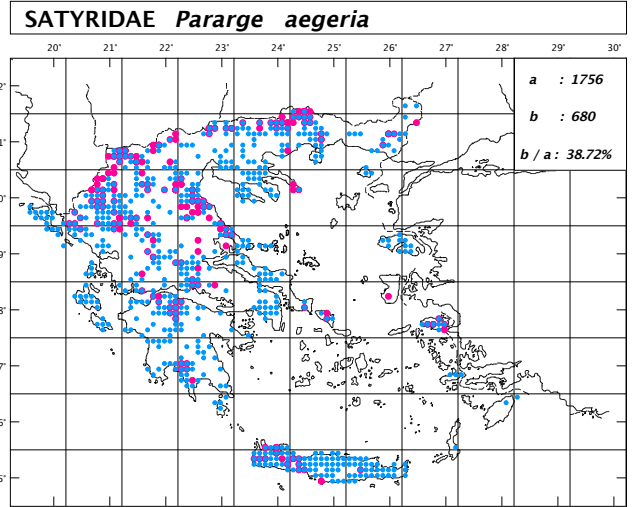
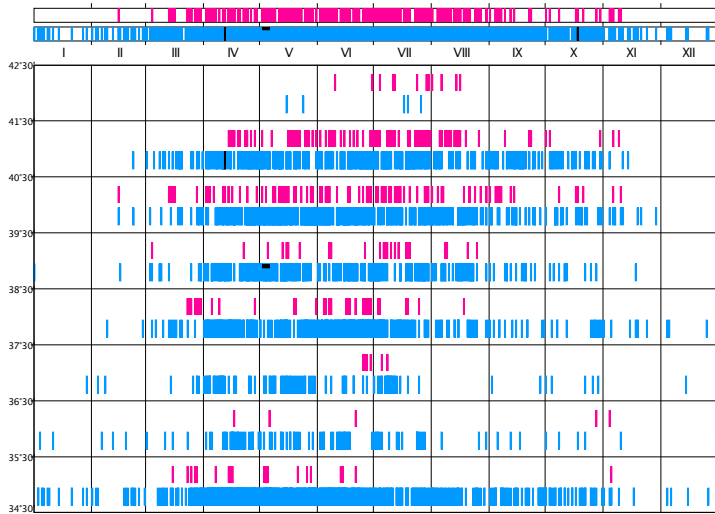
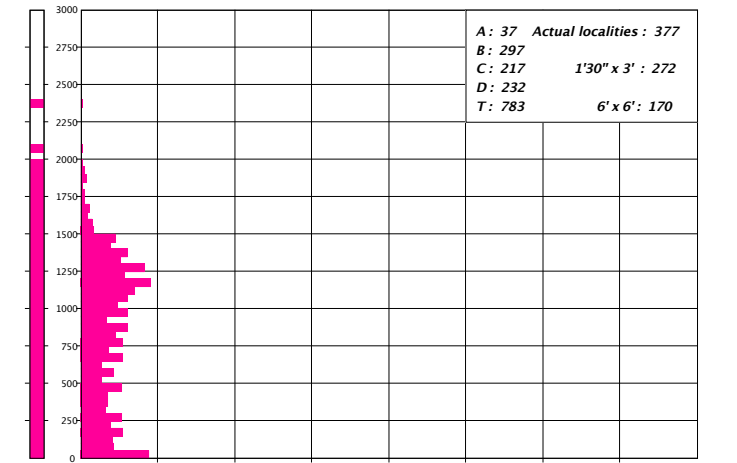
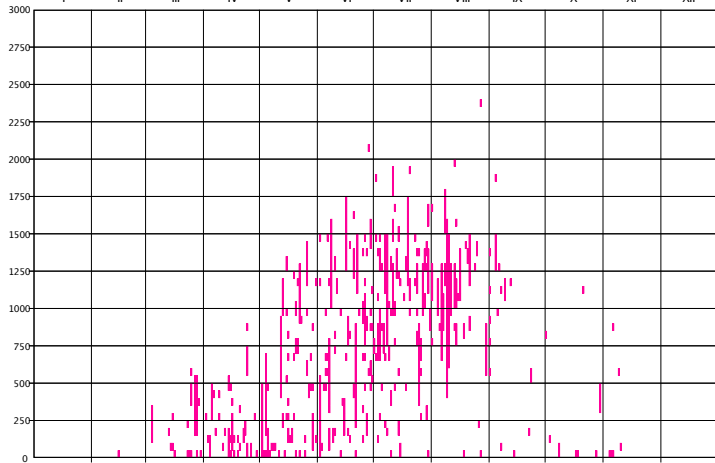
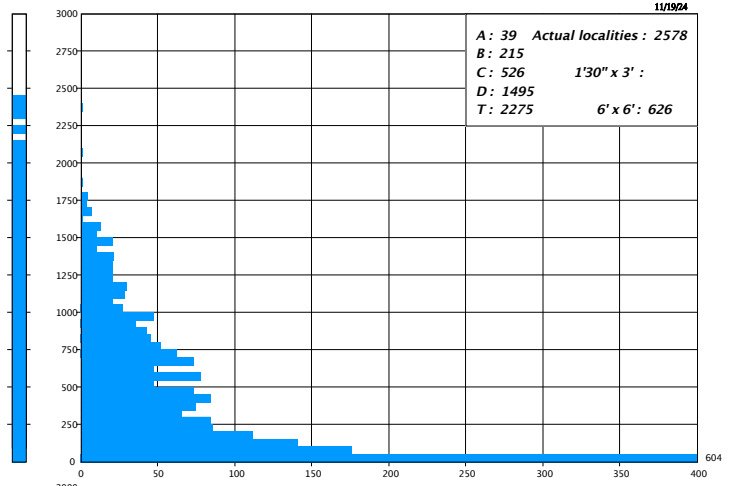
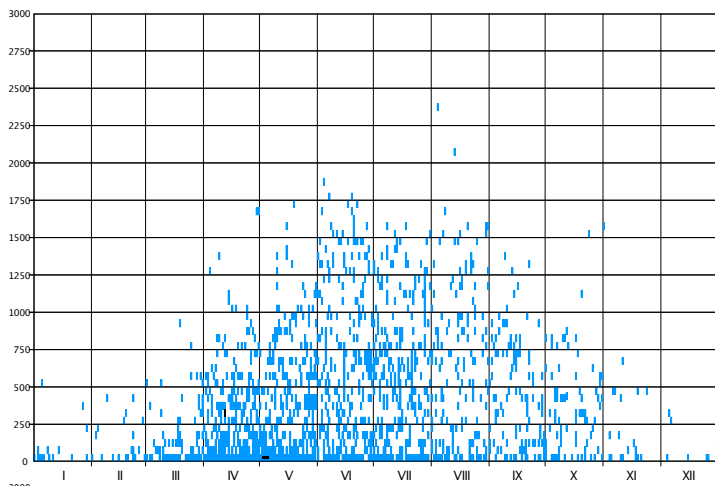


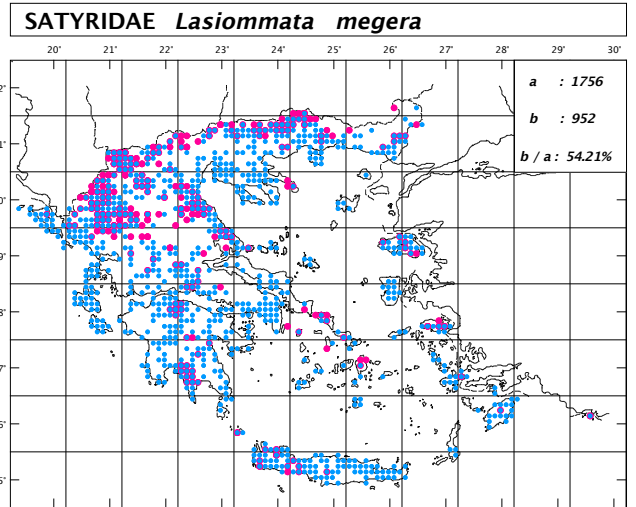
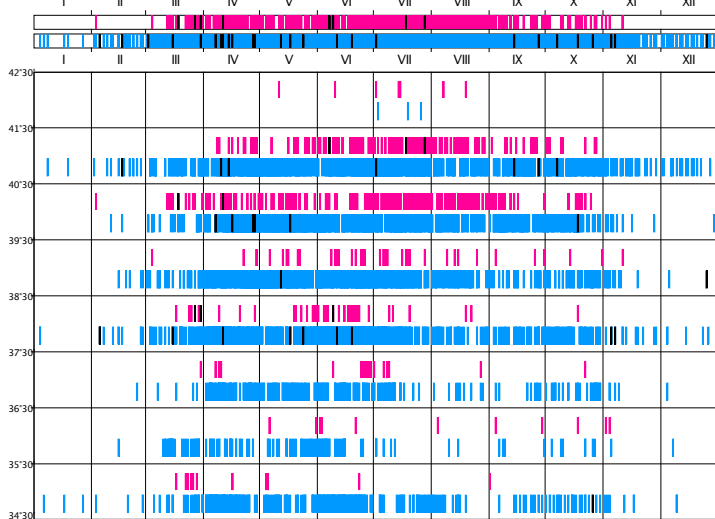
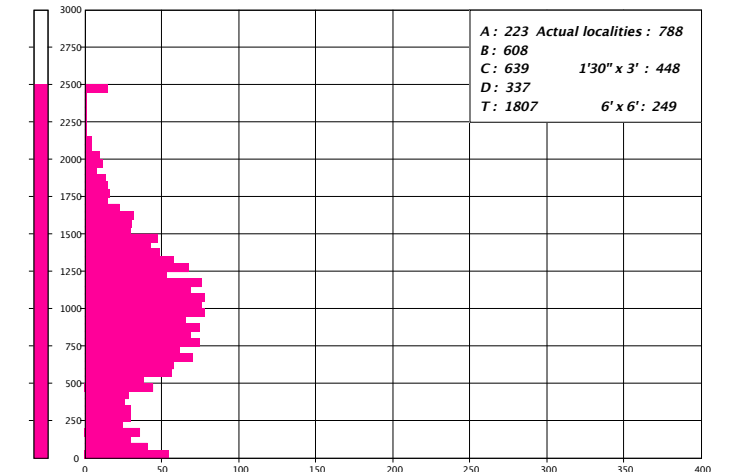
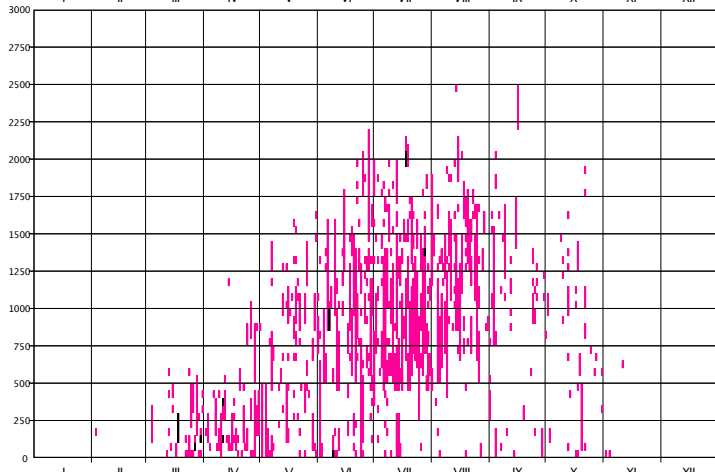
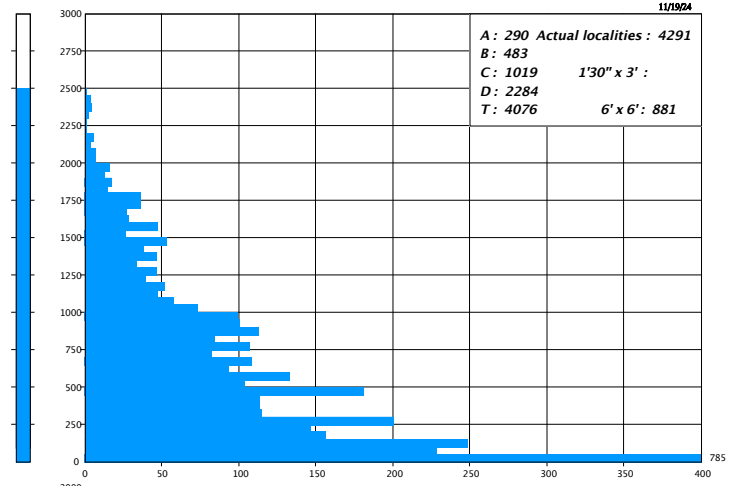
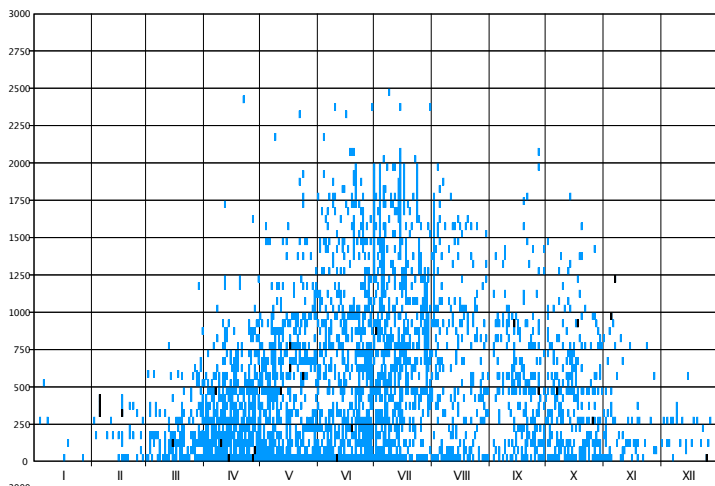
SATYRIDAE *Coenonympha leander*

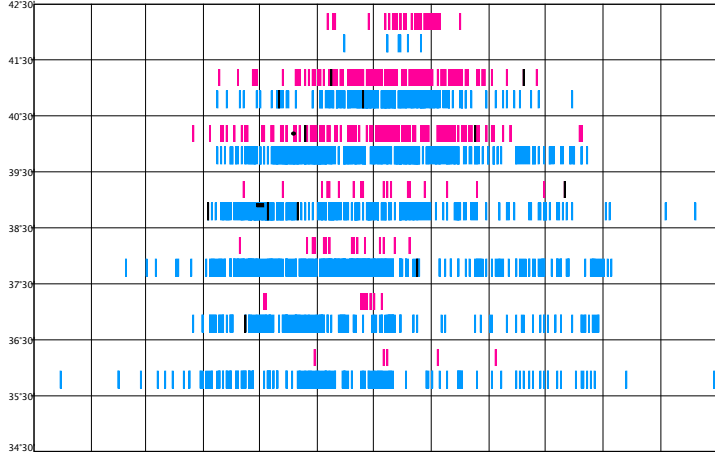
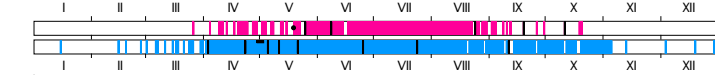
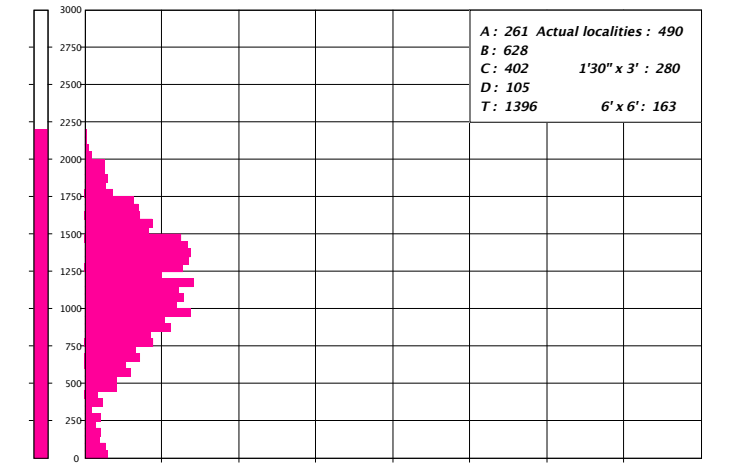
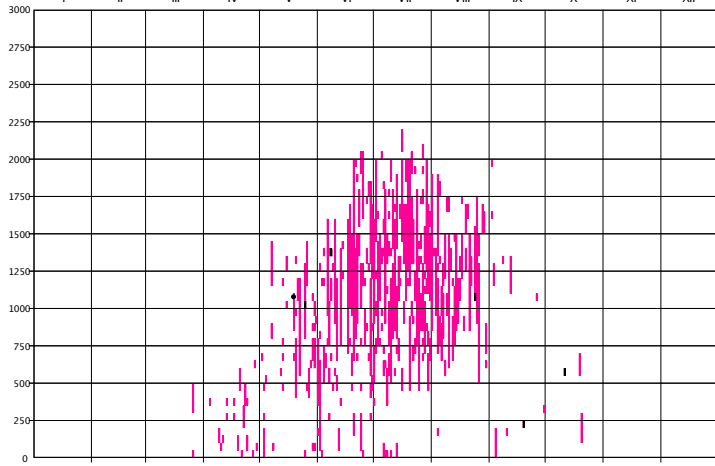
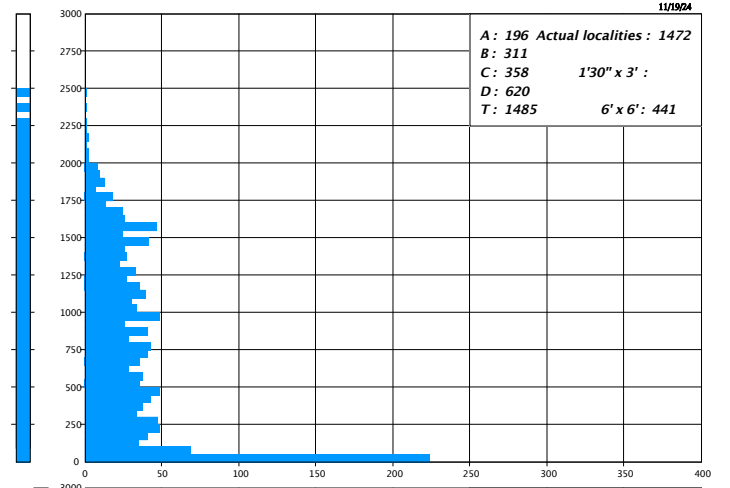
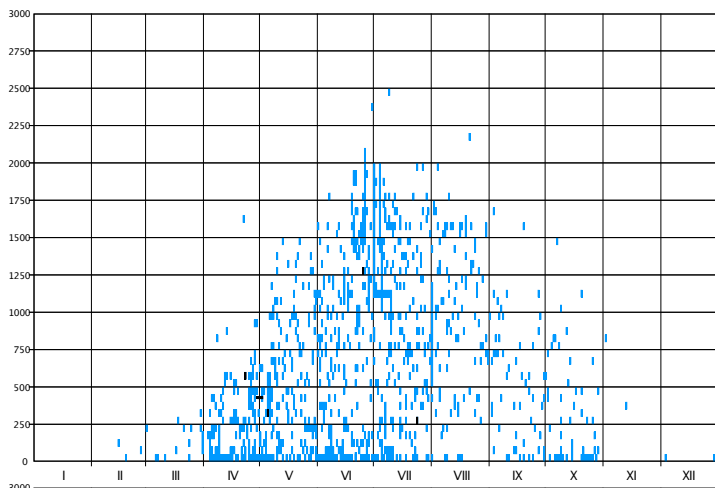




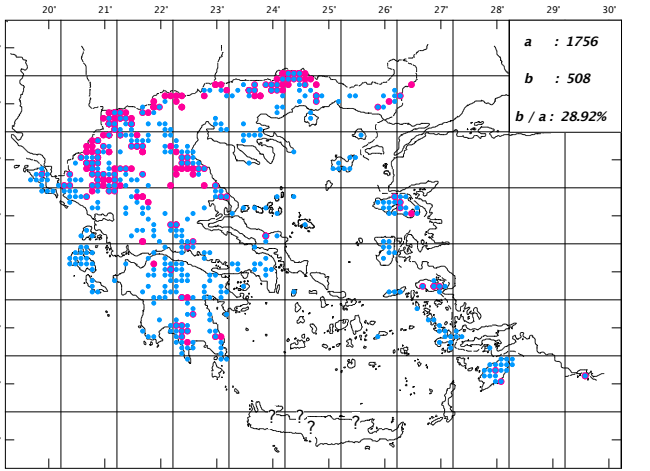


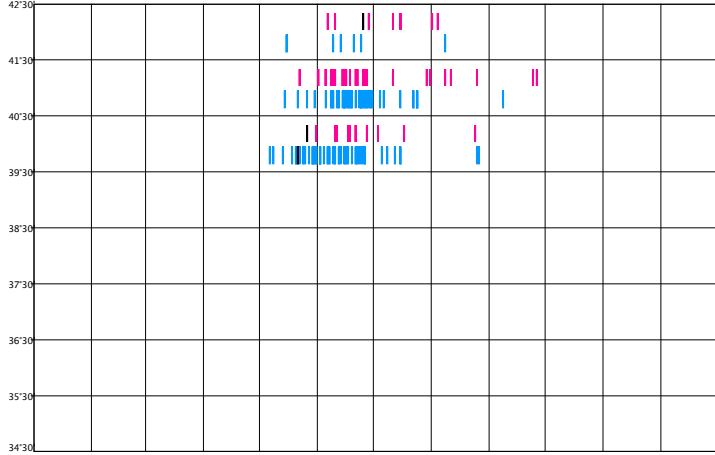
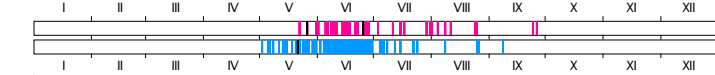
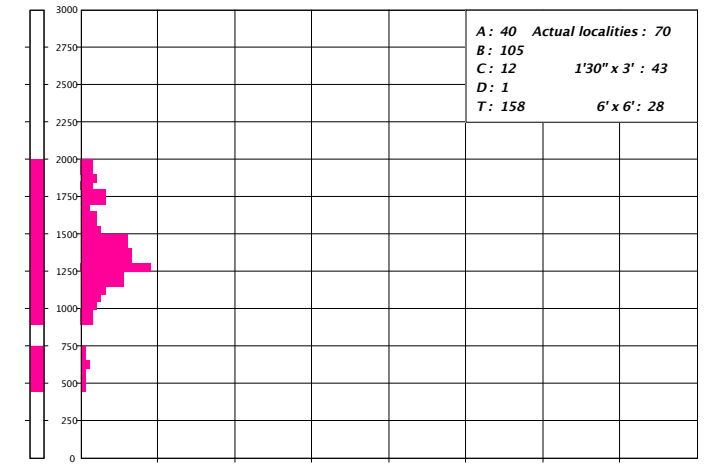
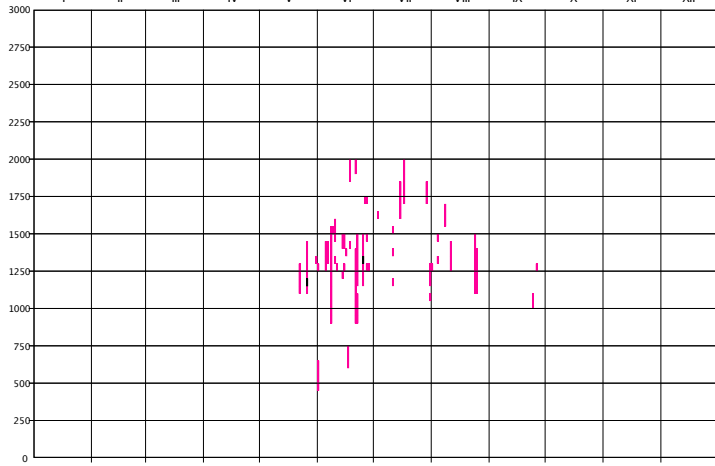
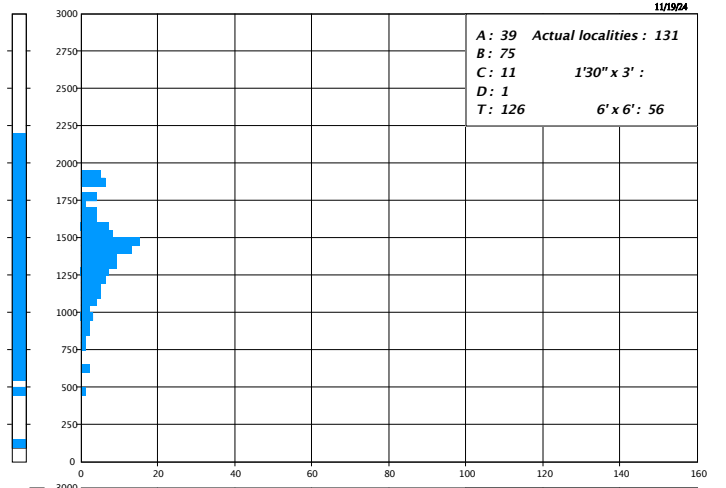
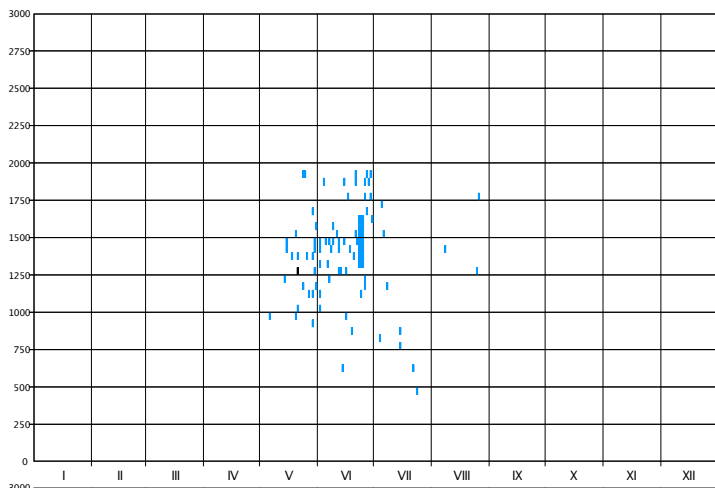




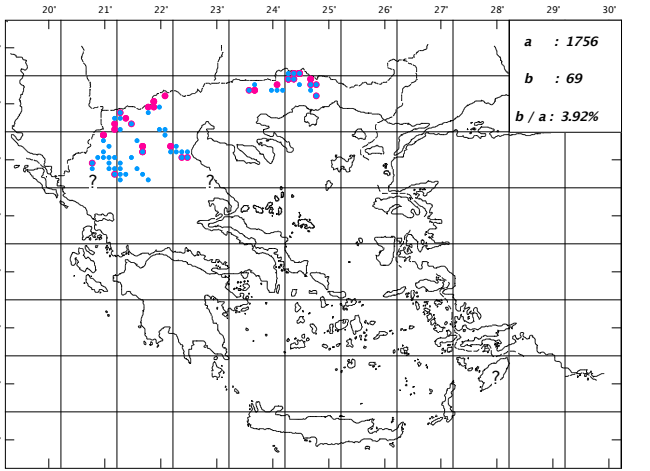


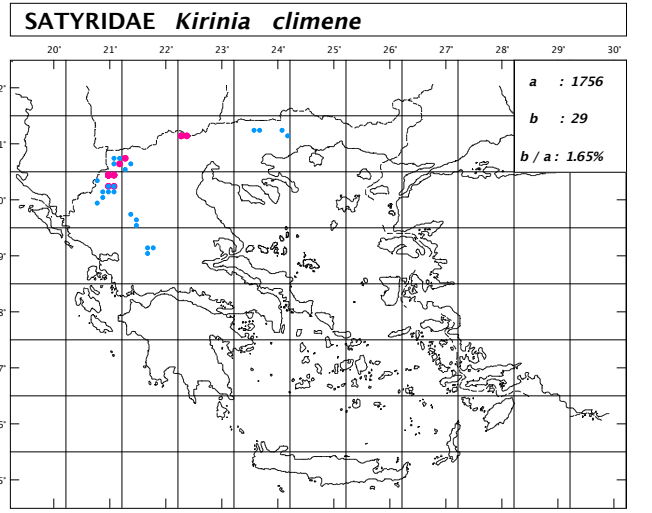
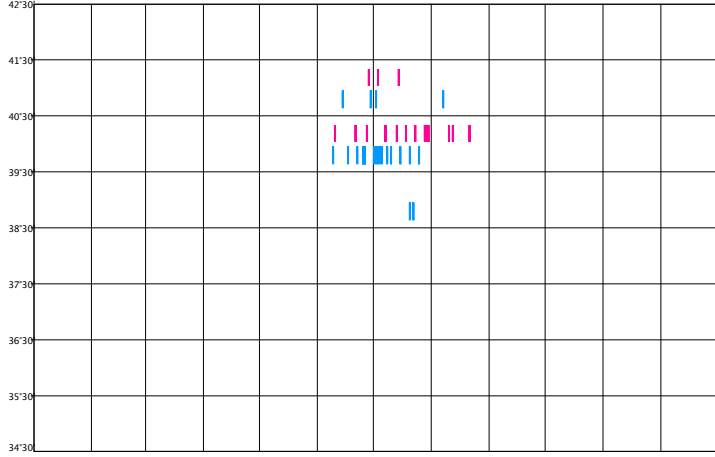
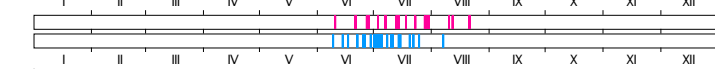
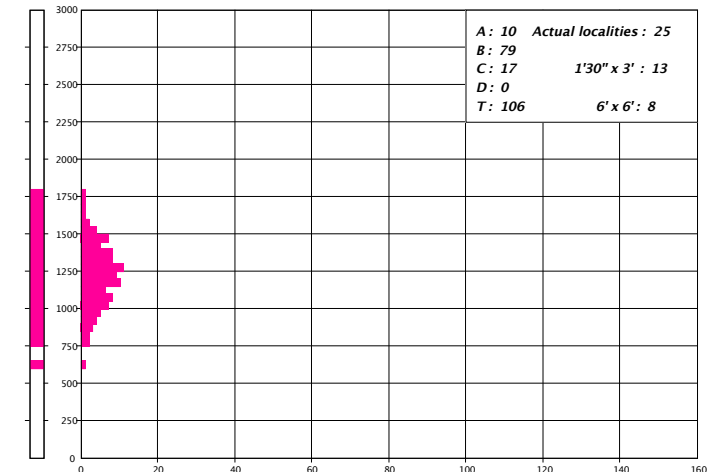
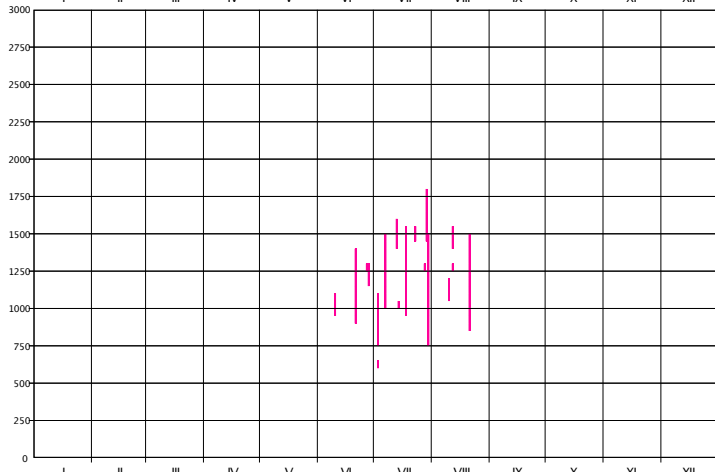
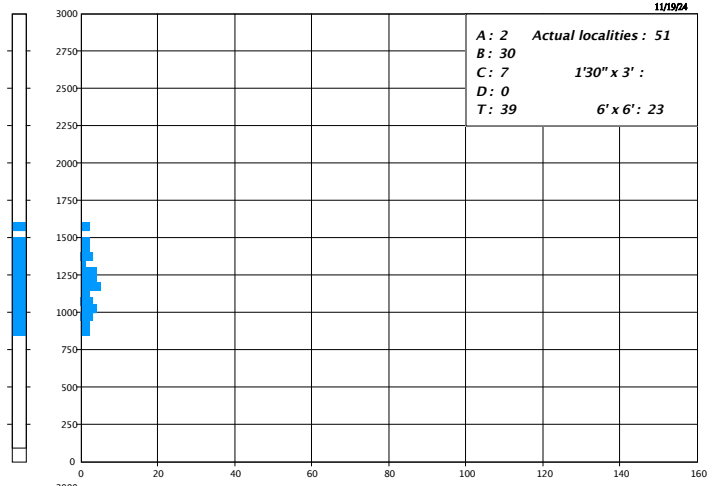
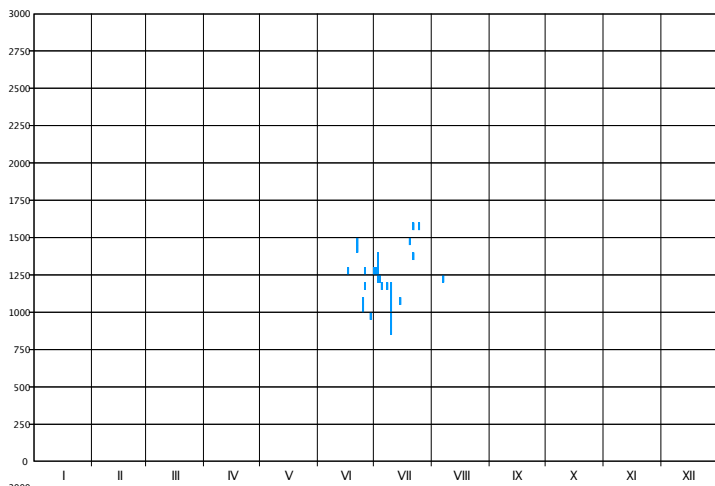
SATYRIDAE *Lasiommata maera*

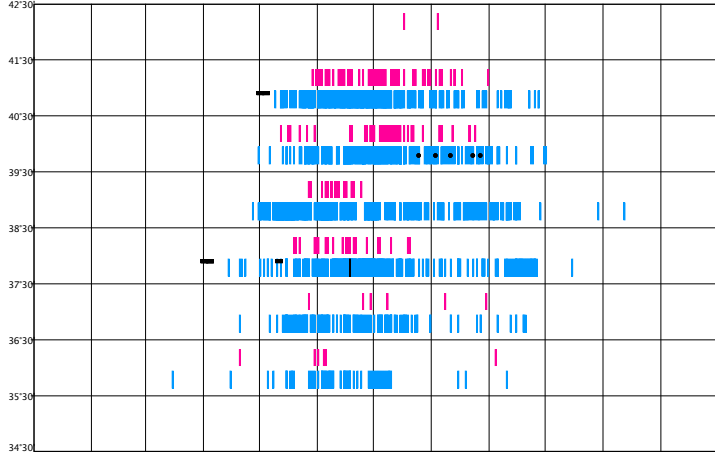
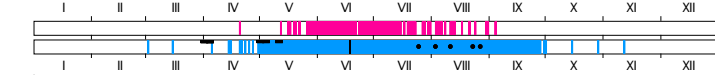
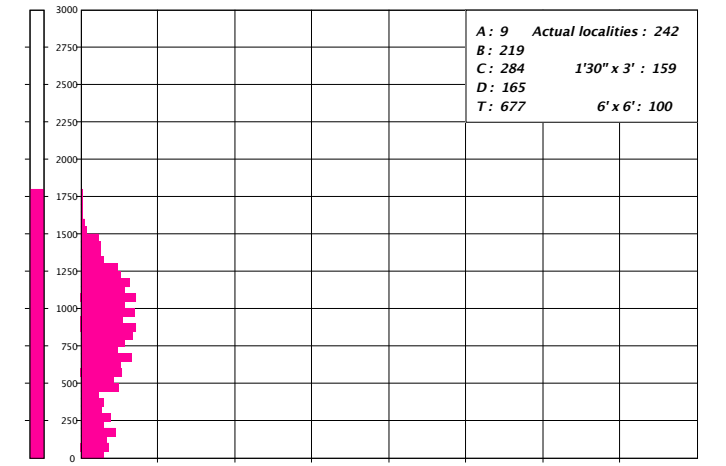
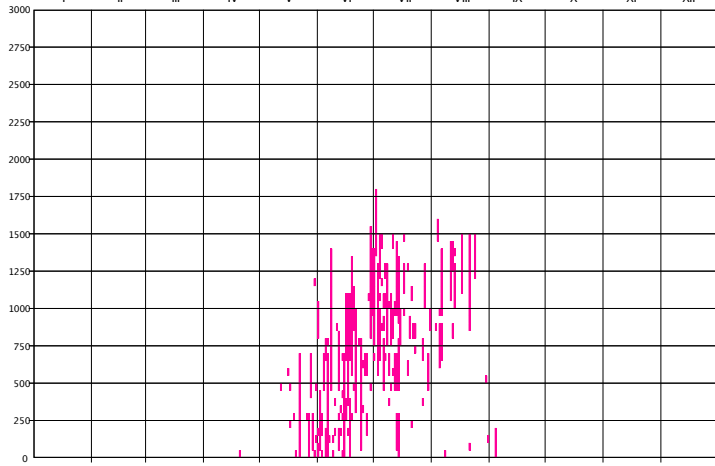
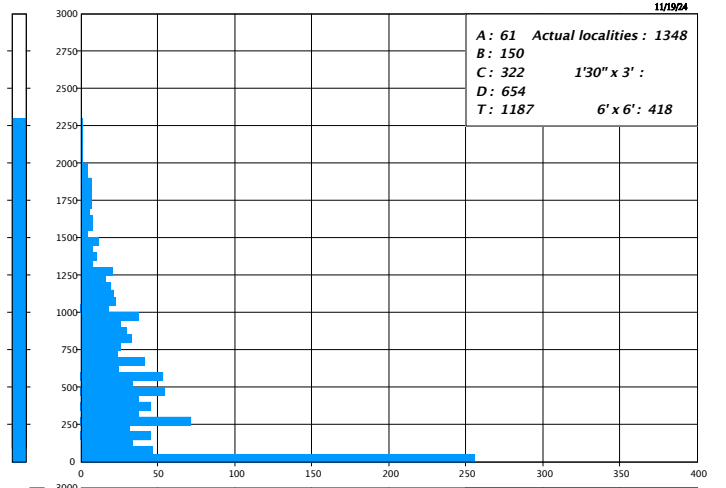
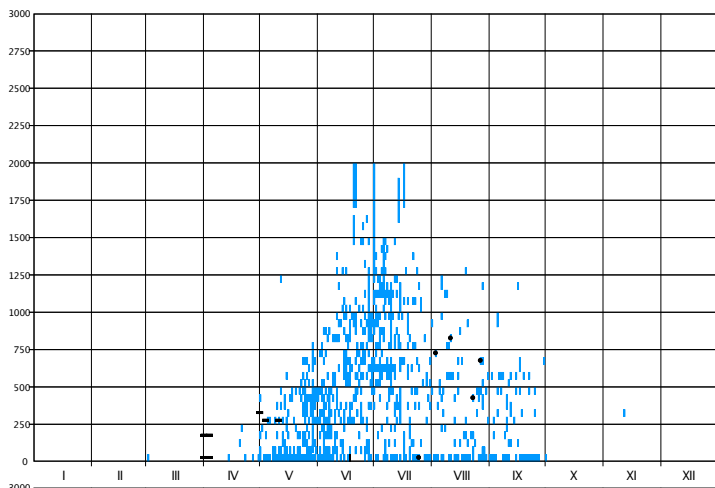




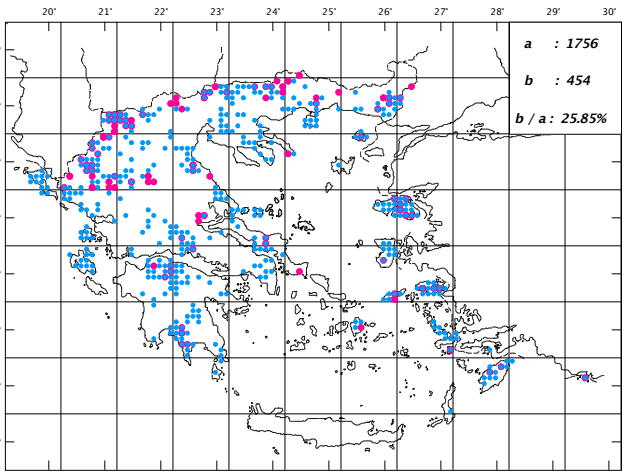
SATYRIDAE *Lasiommata petropolitana*

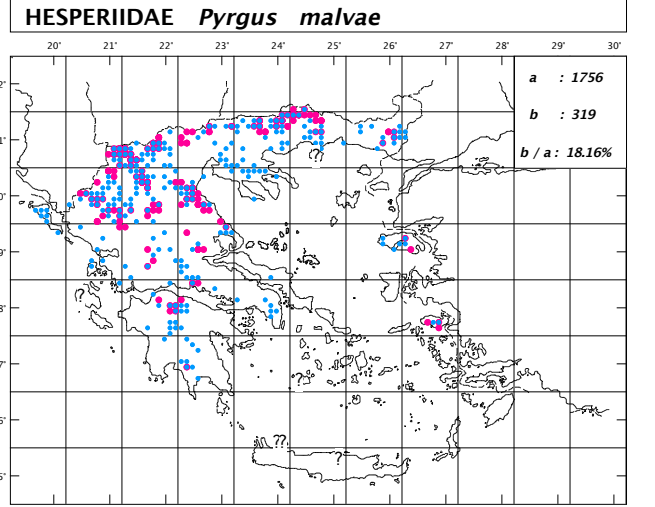
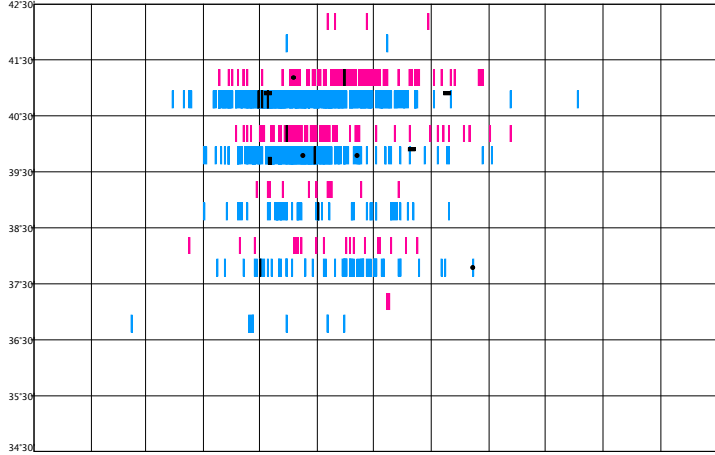
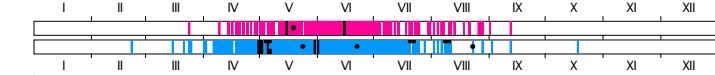
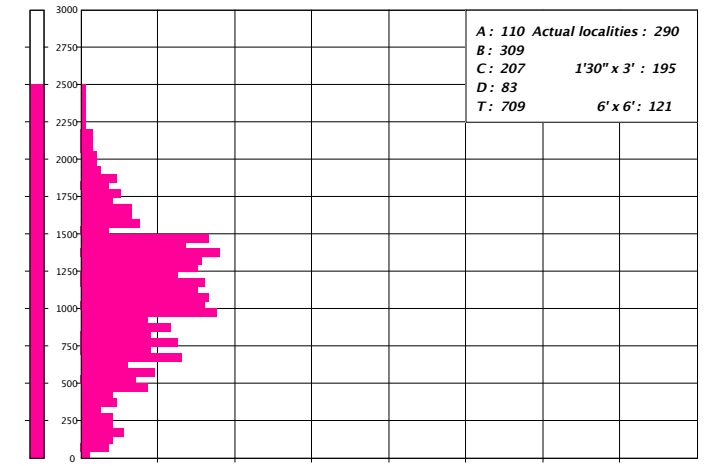
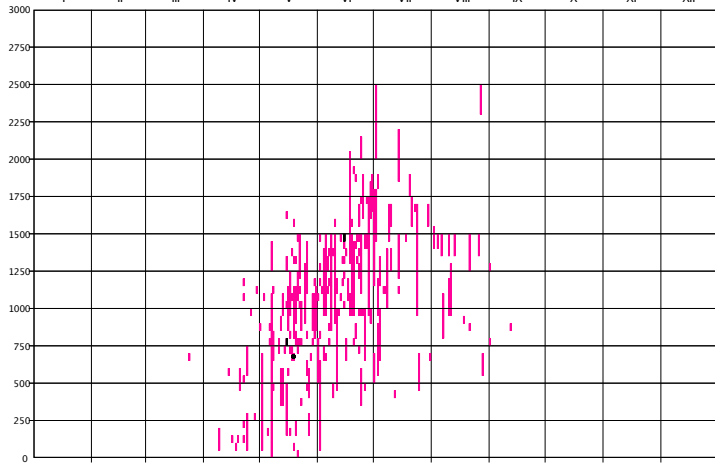
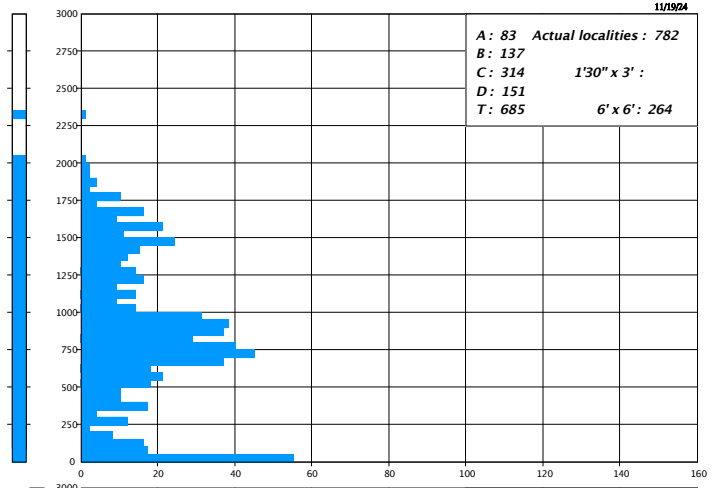
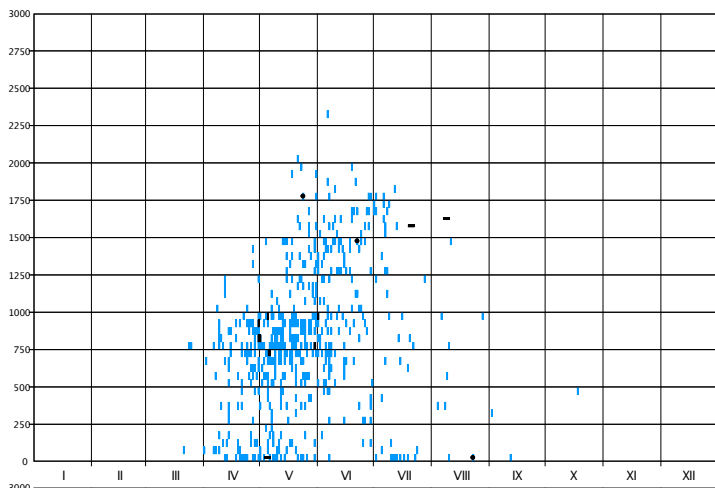


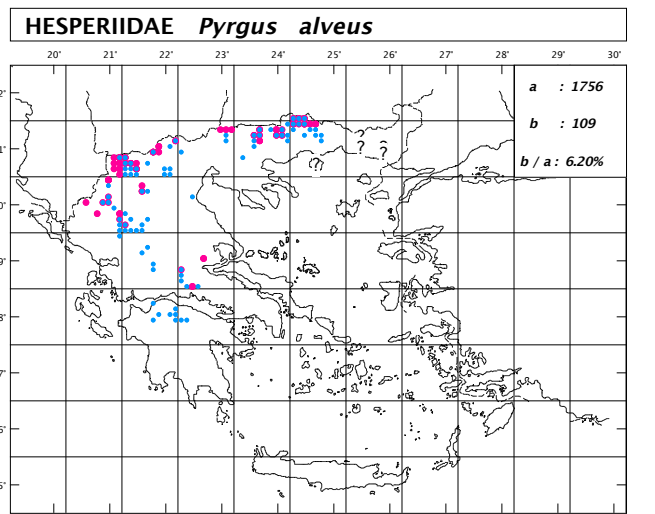
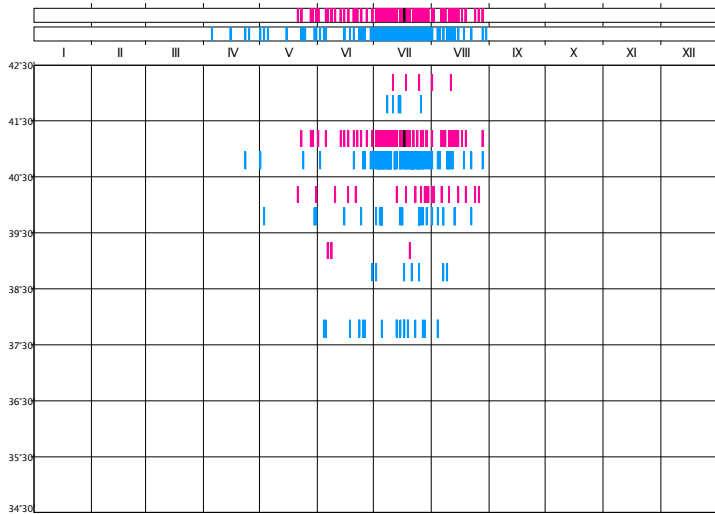
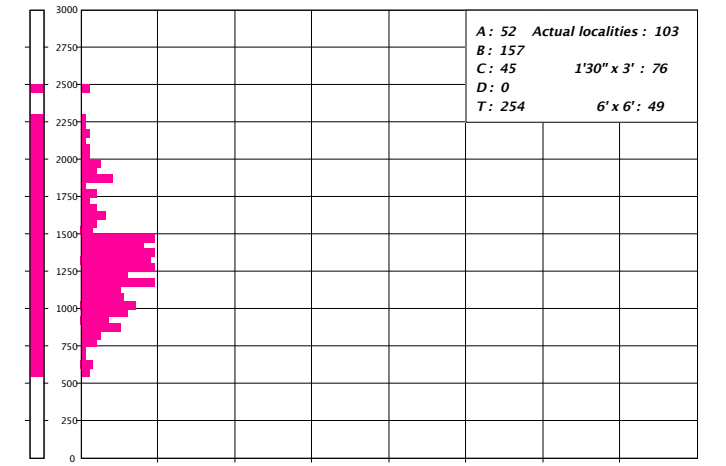
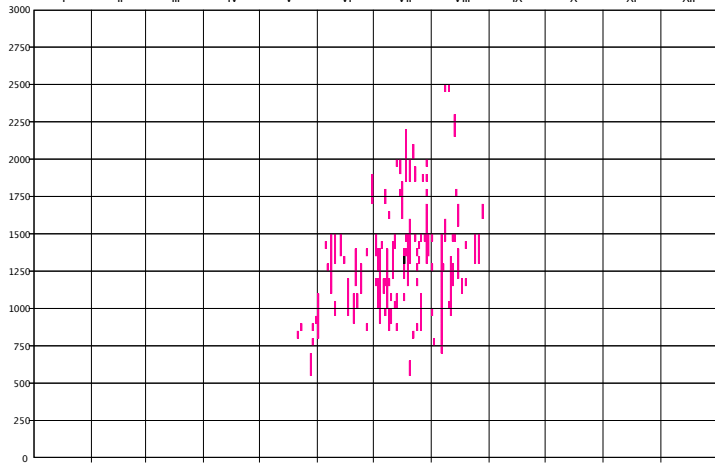
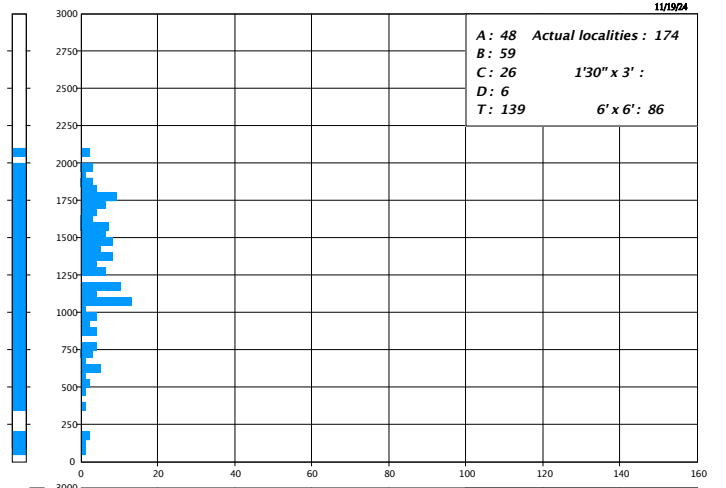
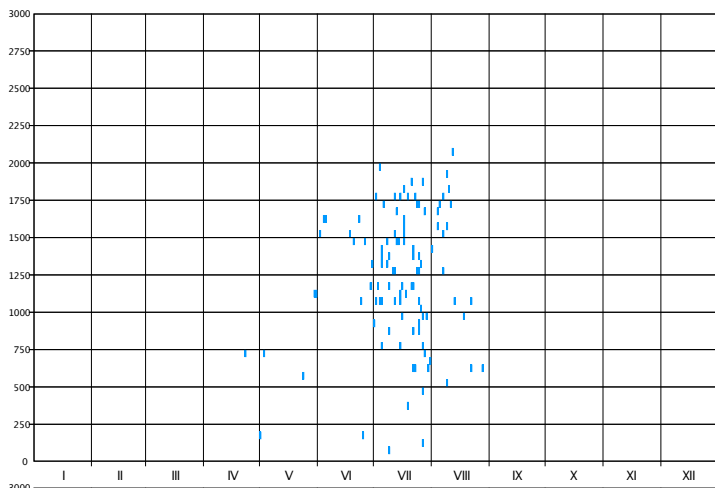


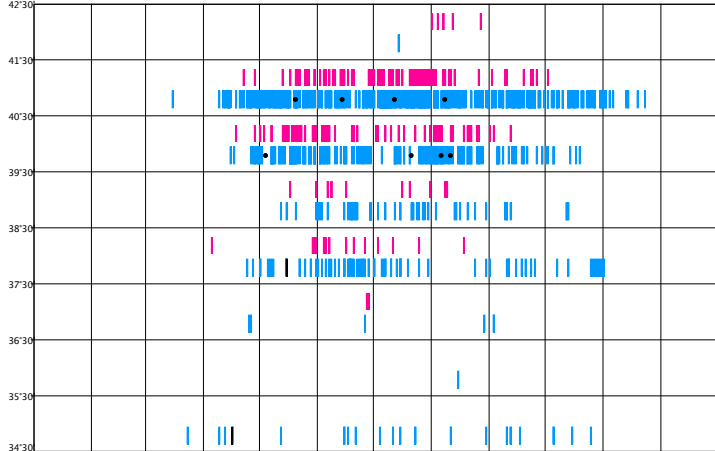
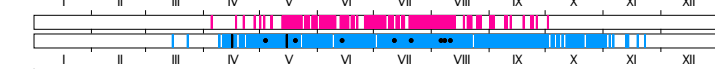
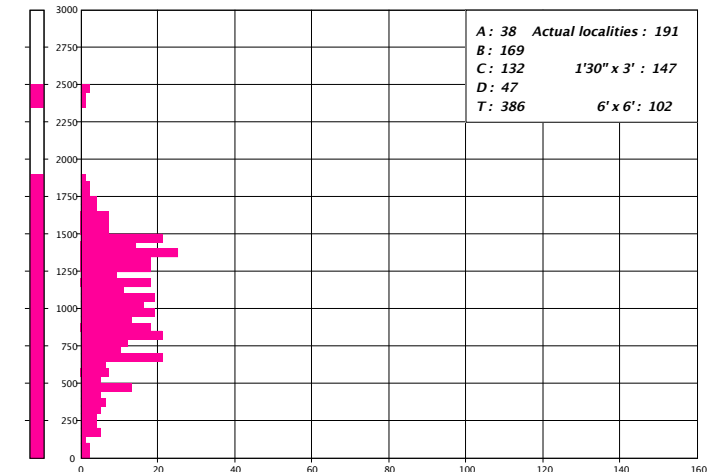
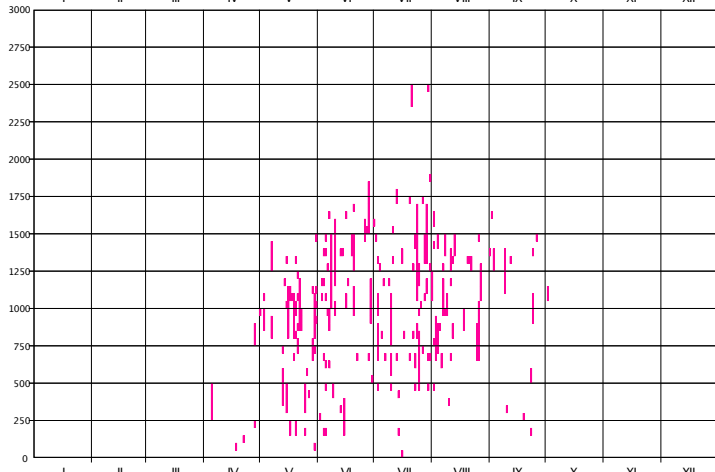
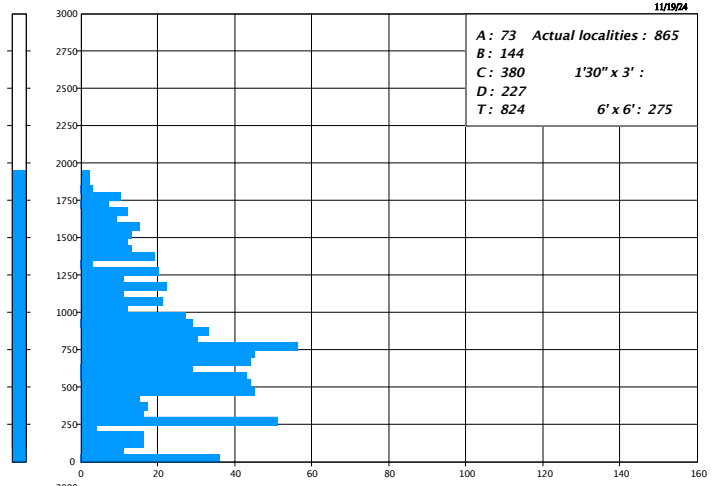
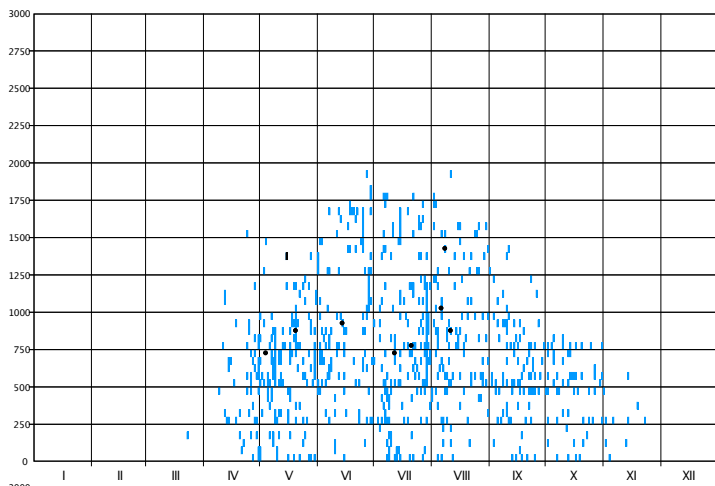


SATYRIDAE *Kirinia roxelana*

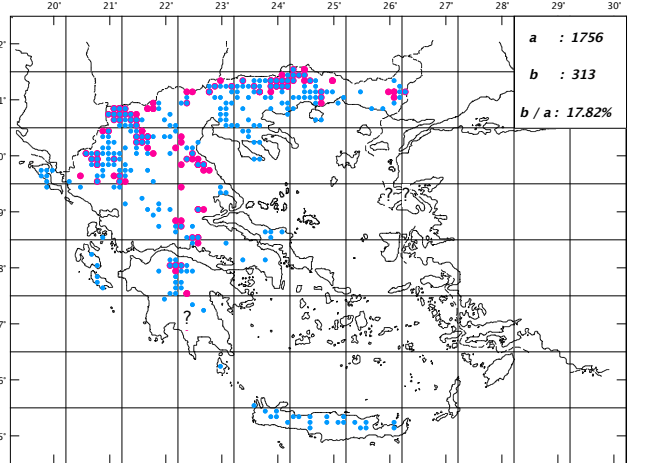


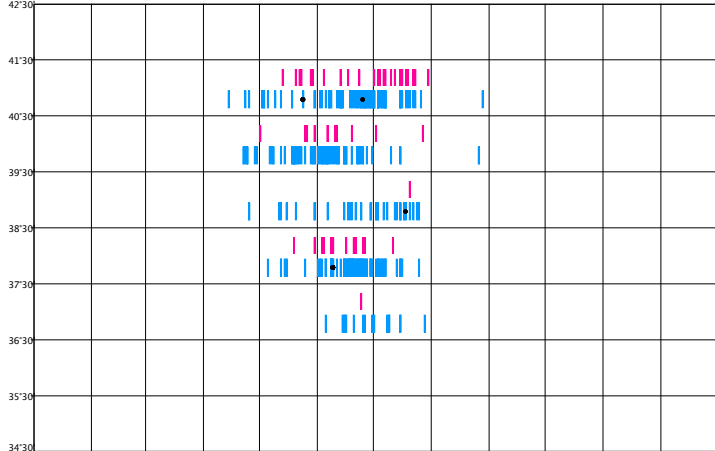
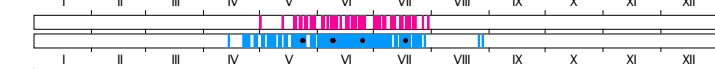
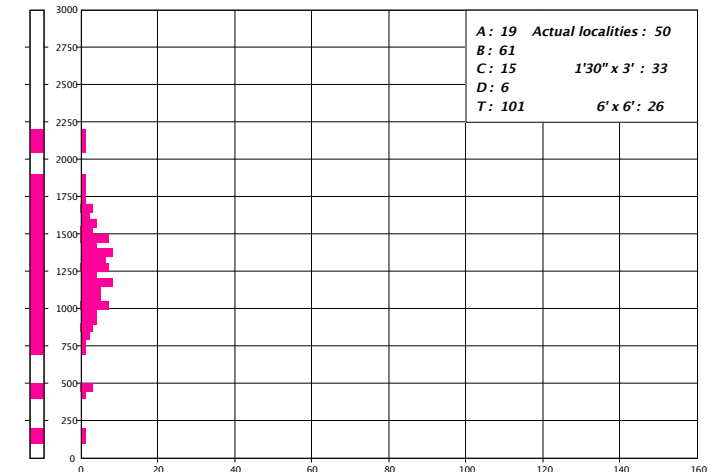
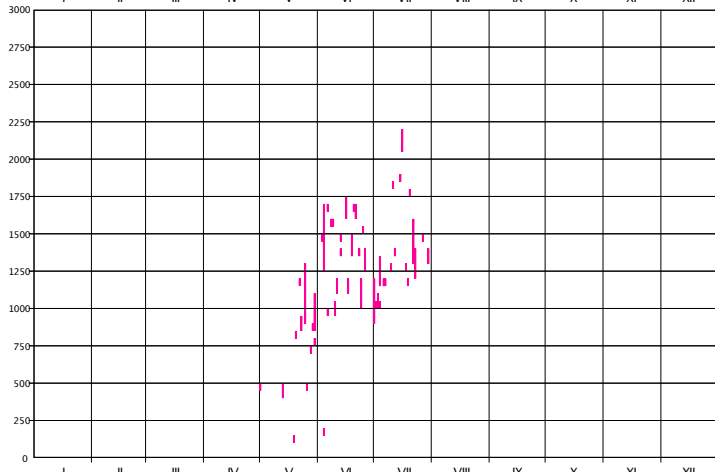
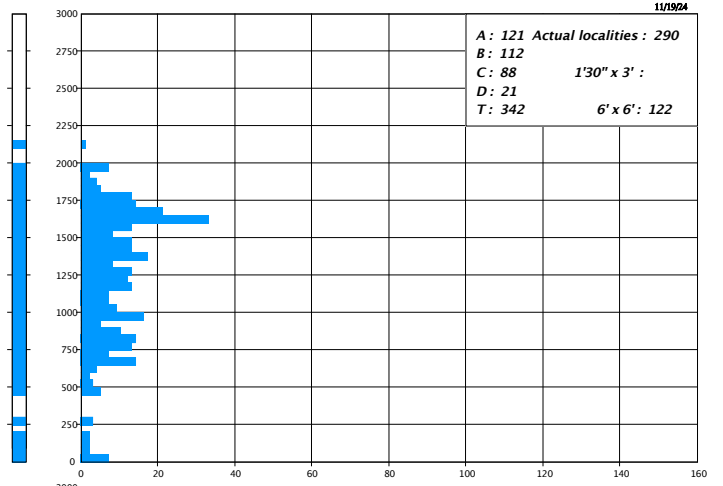
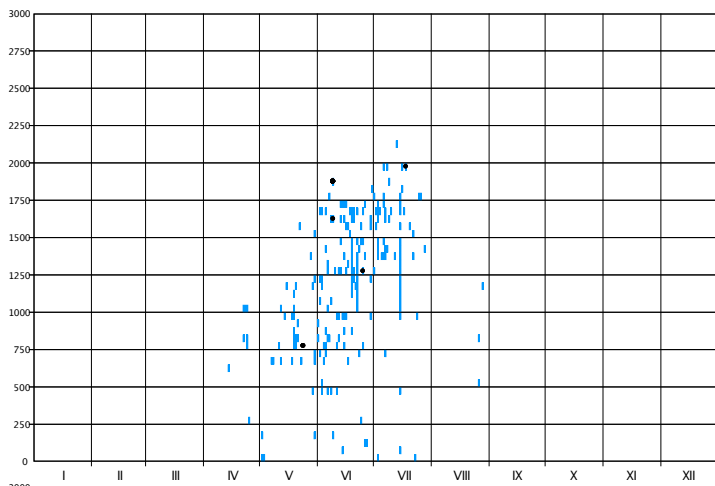




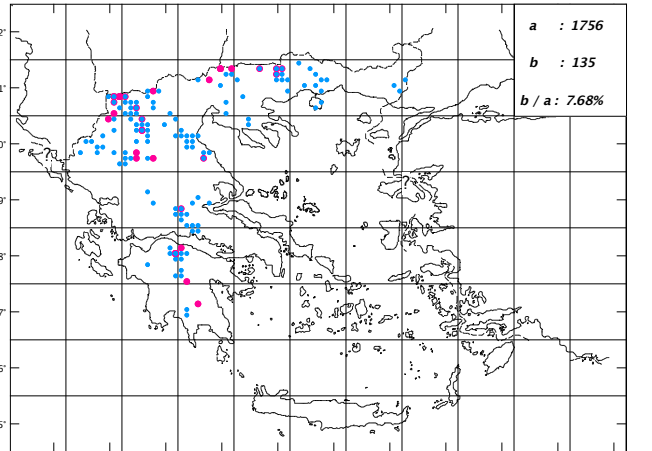


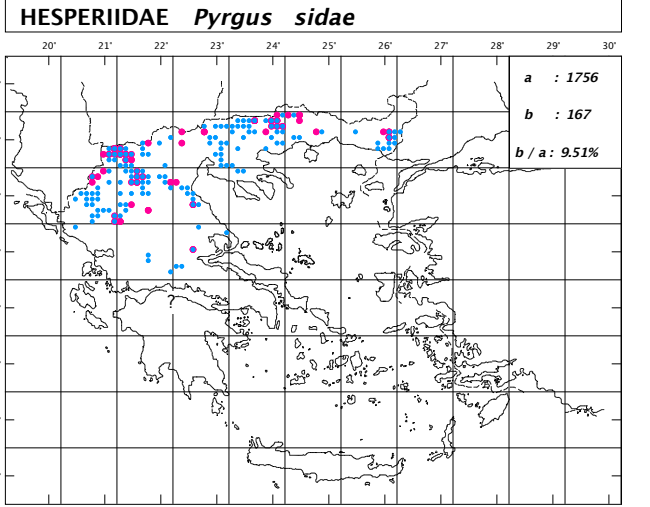
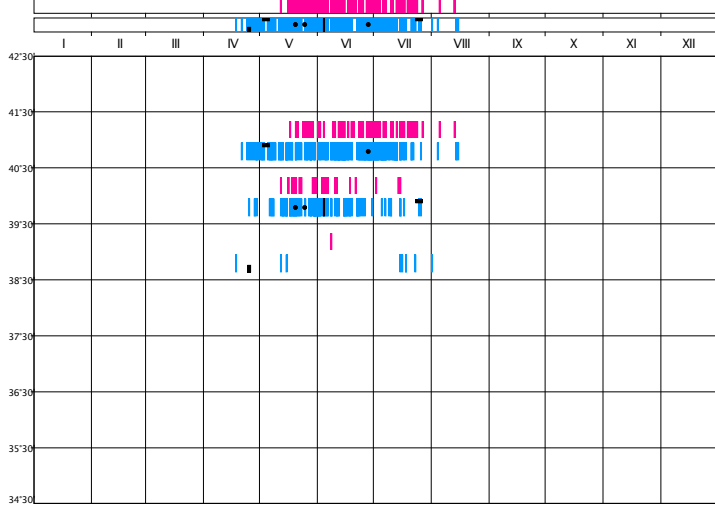
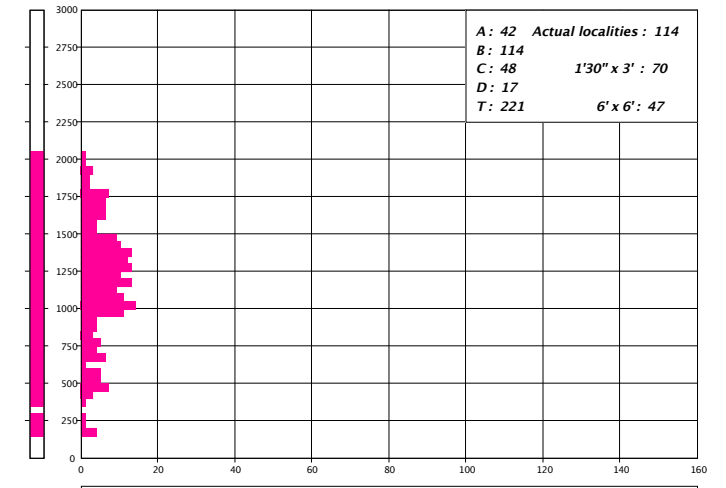
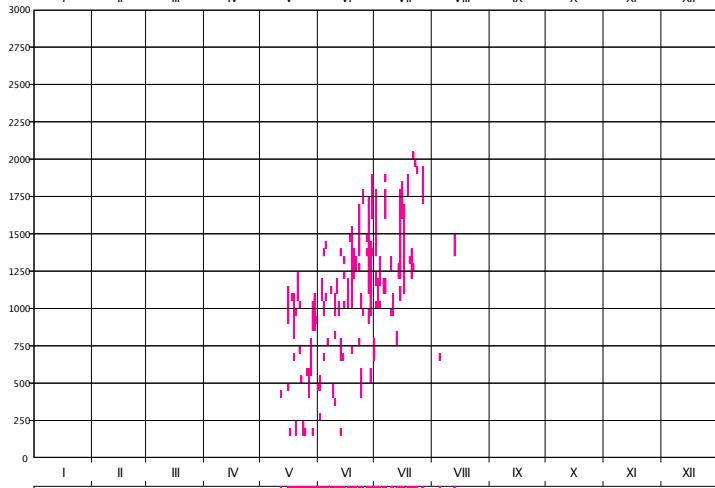
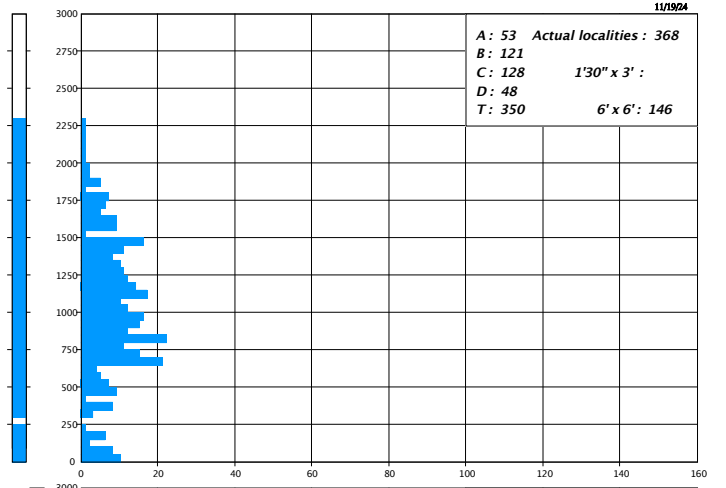
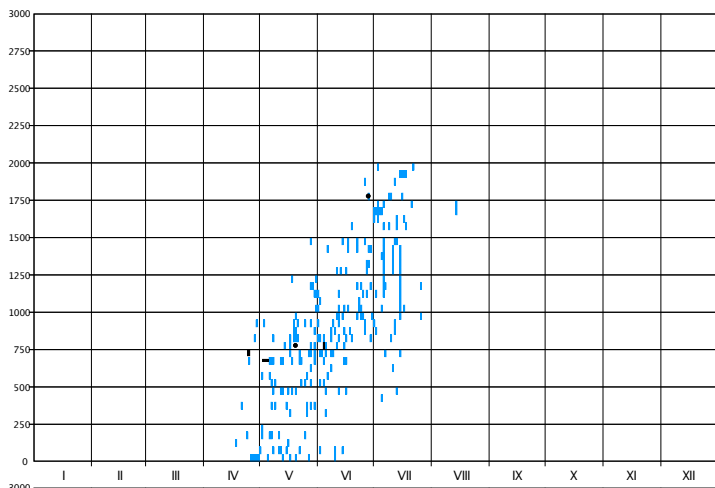
HESPERIIDAE *Pyrgus armoricanus*

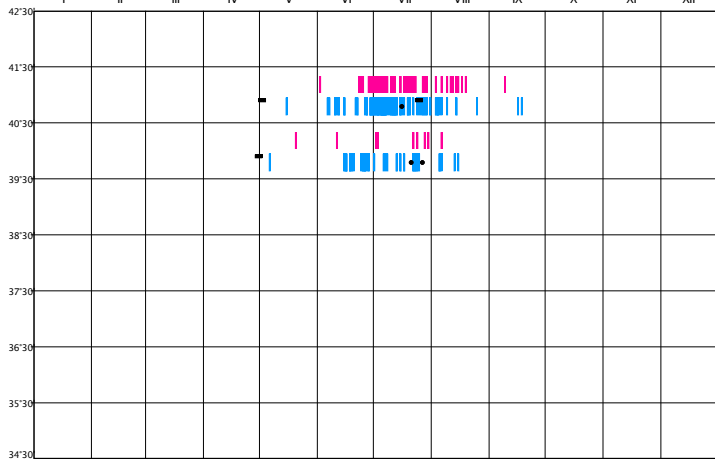
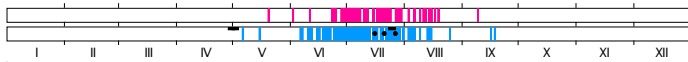
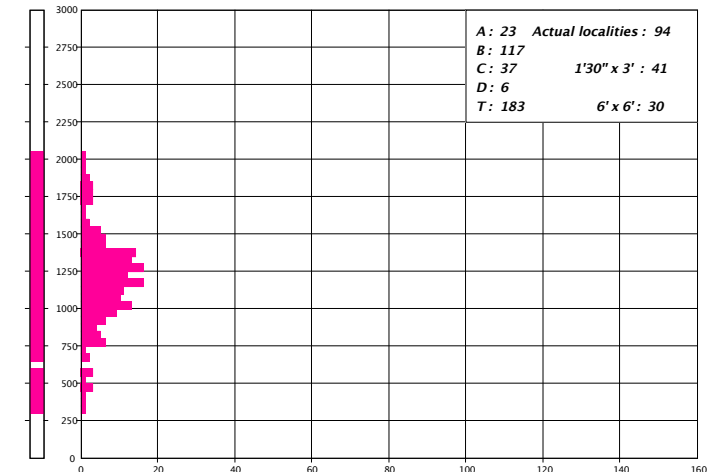
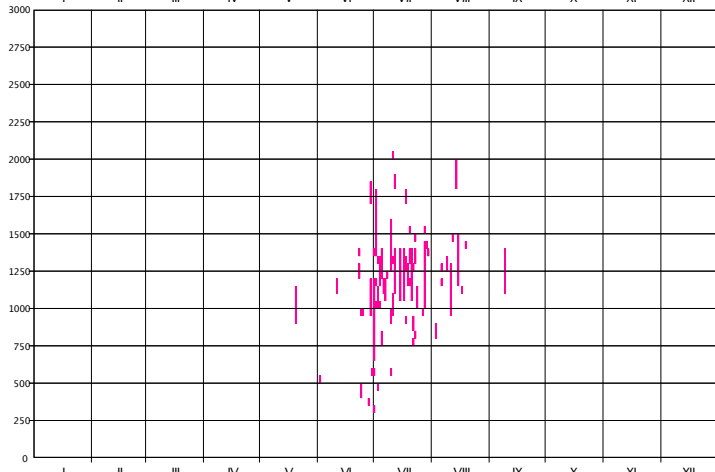
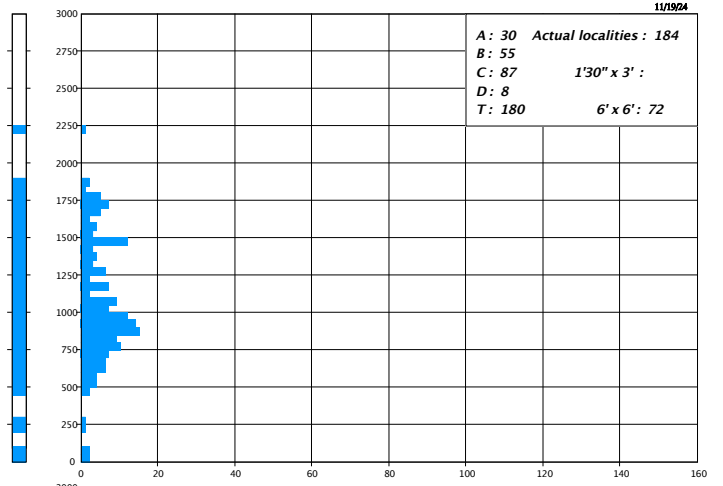
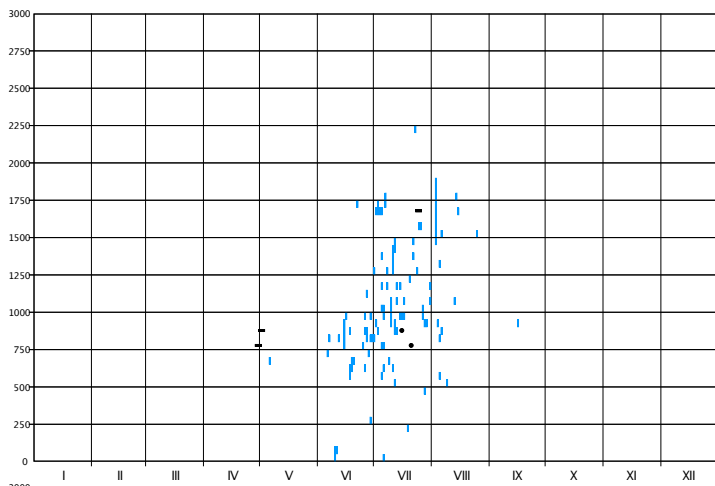




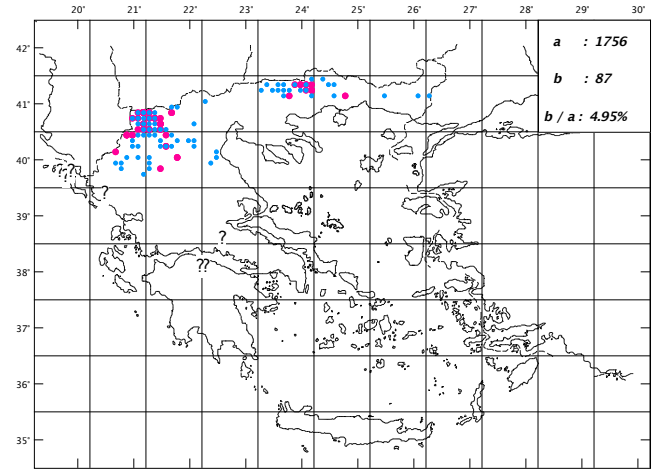
HESPERIIDAE *Pyrgus serratulae*

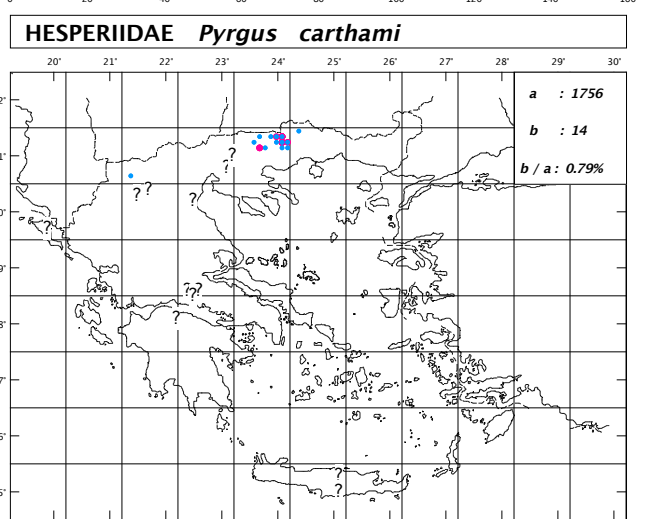
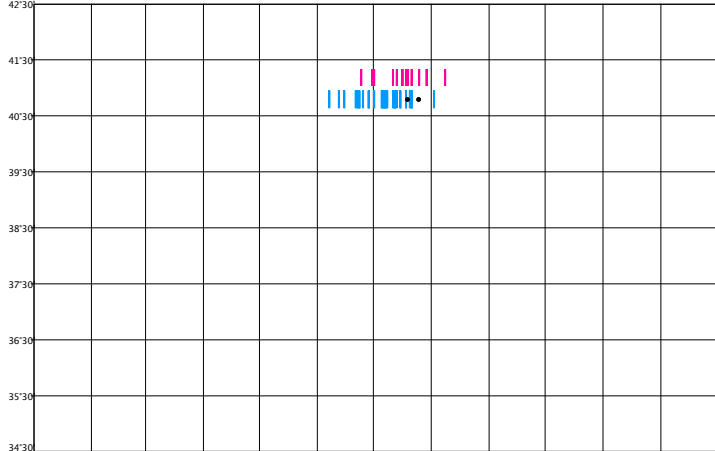
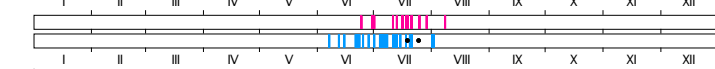
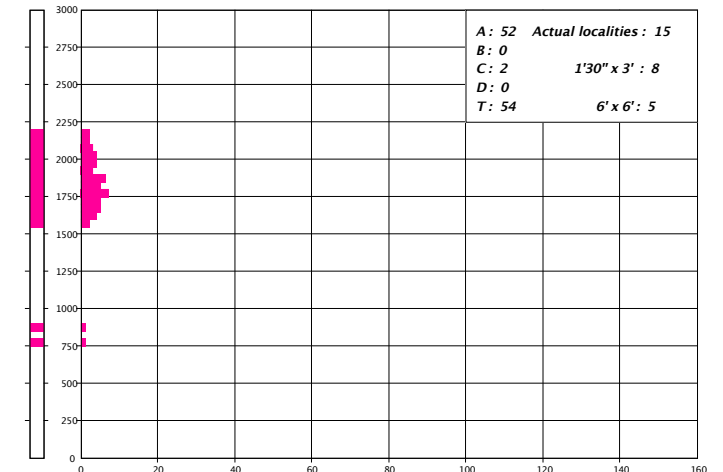
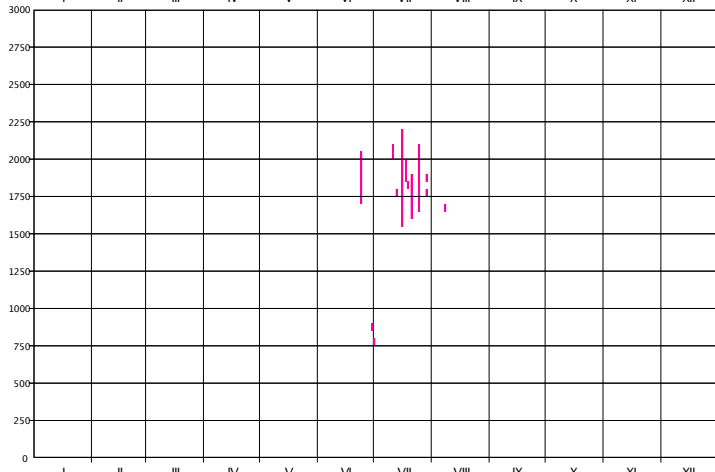
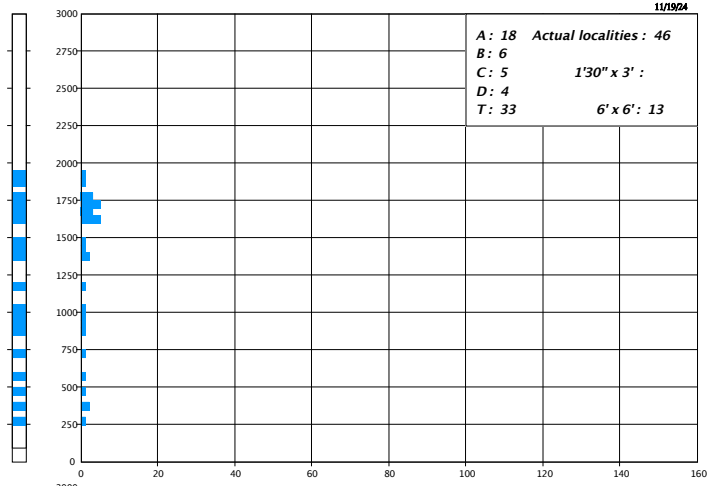
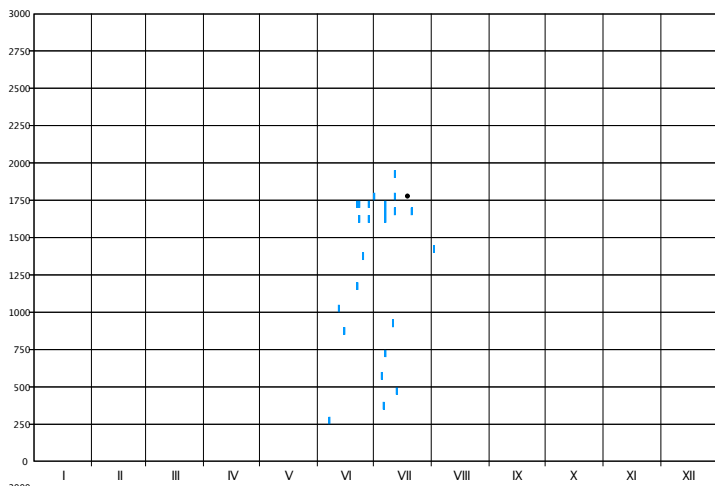


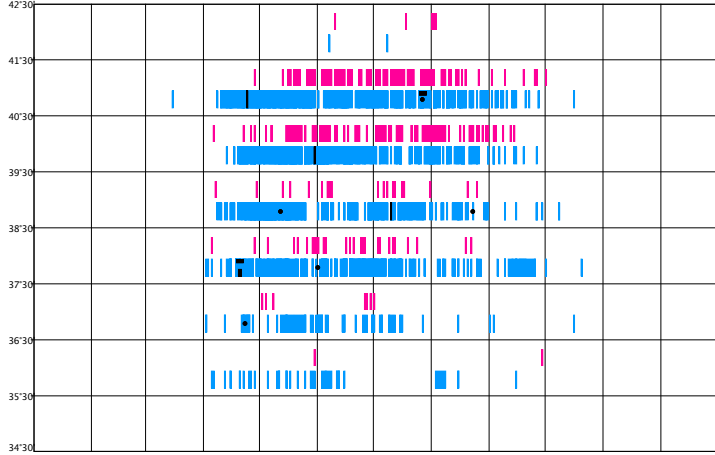
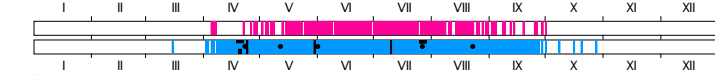
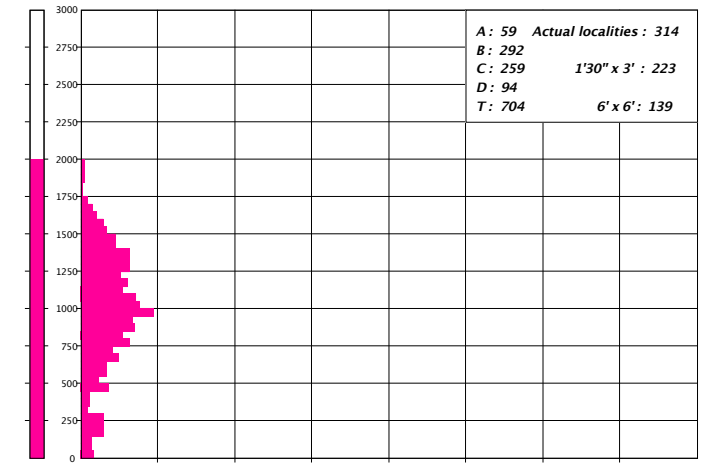
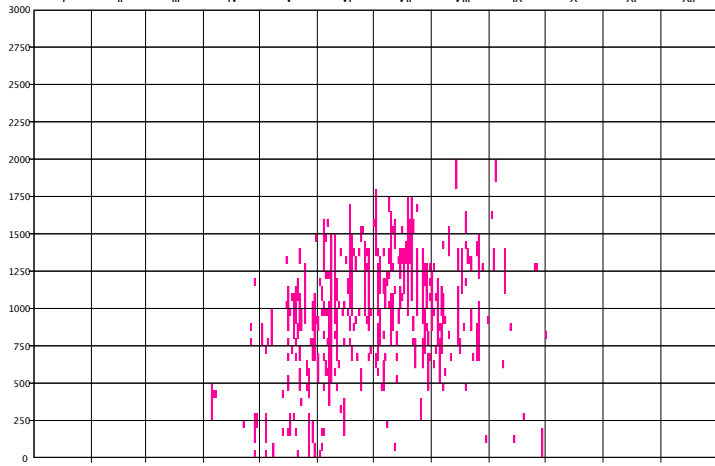
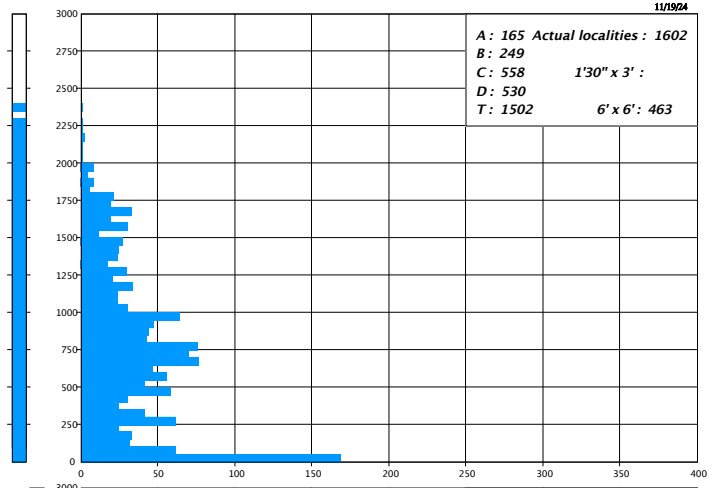
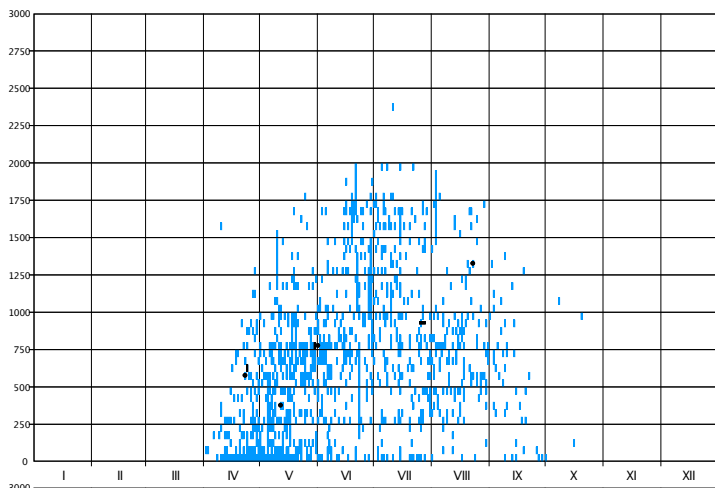




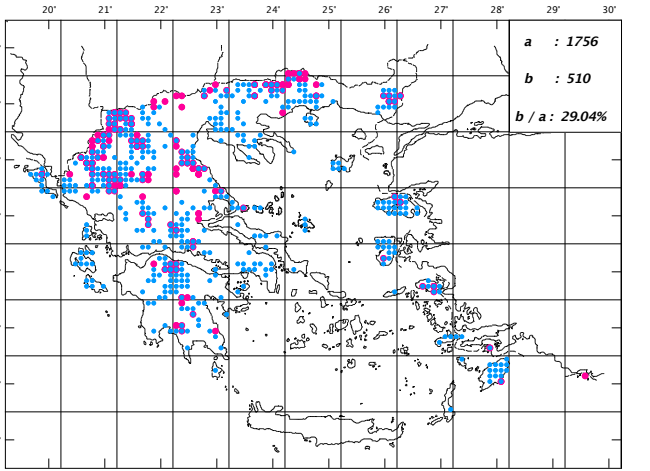
HESPERIIDAE *Pyrgus cinarae*

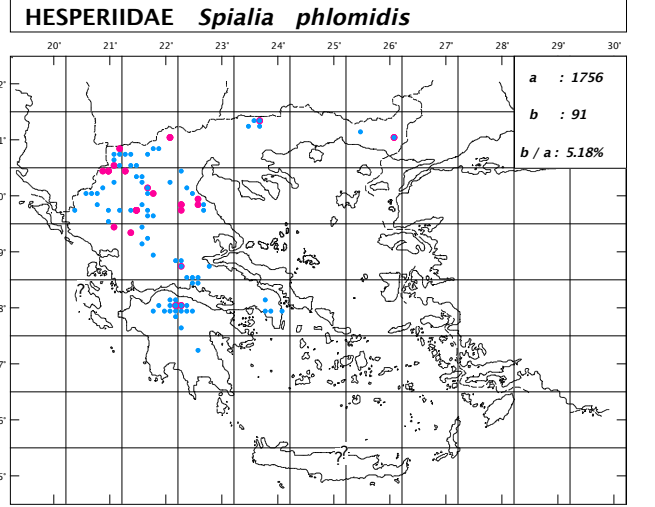
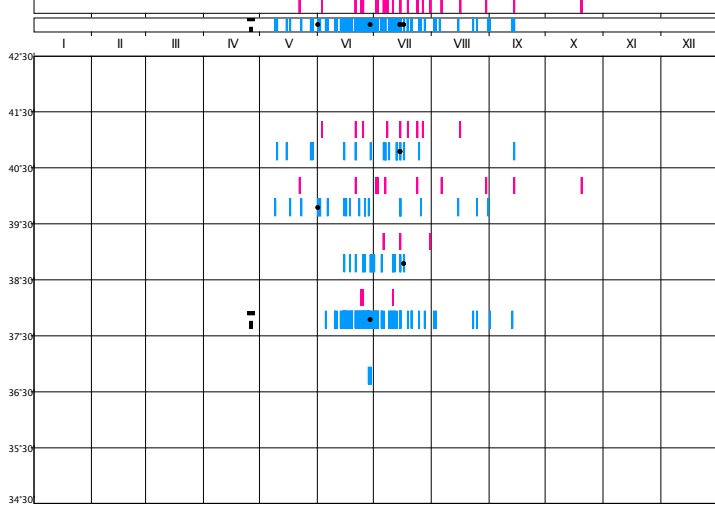
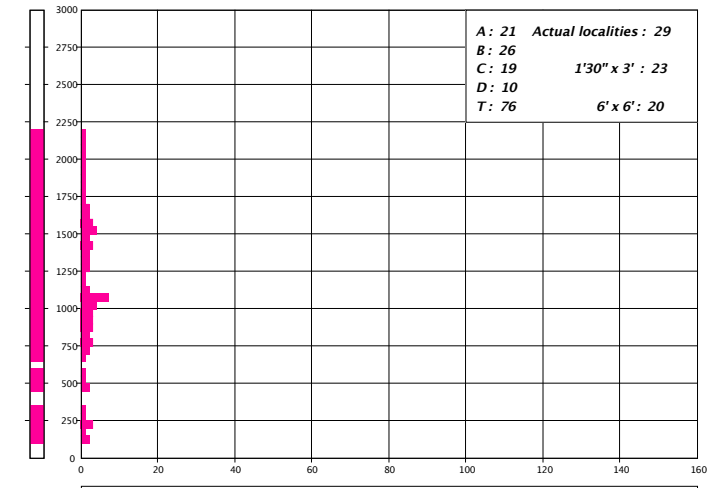
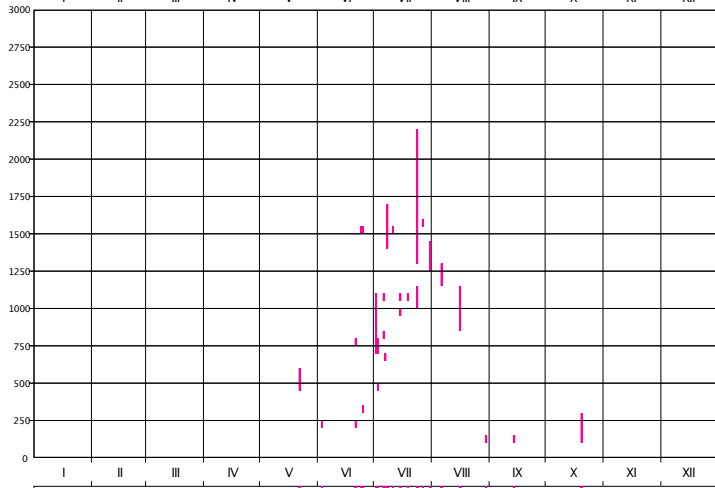
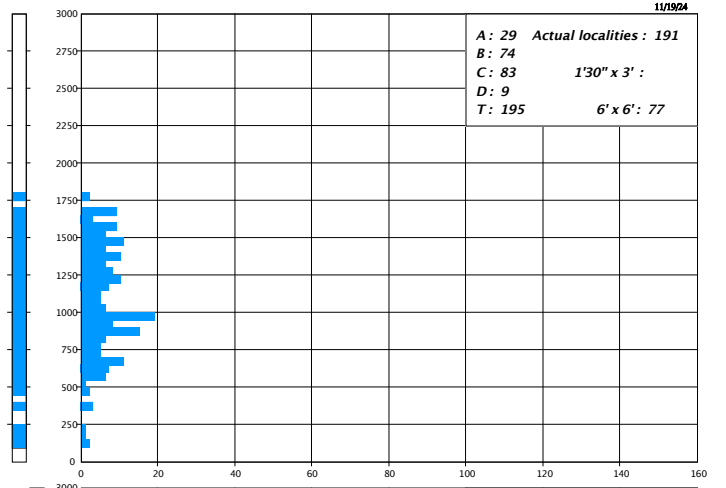
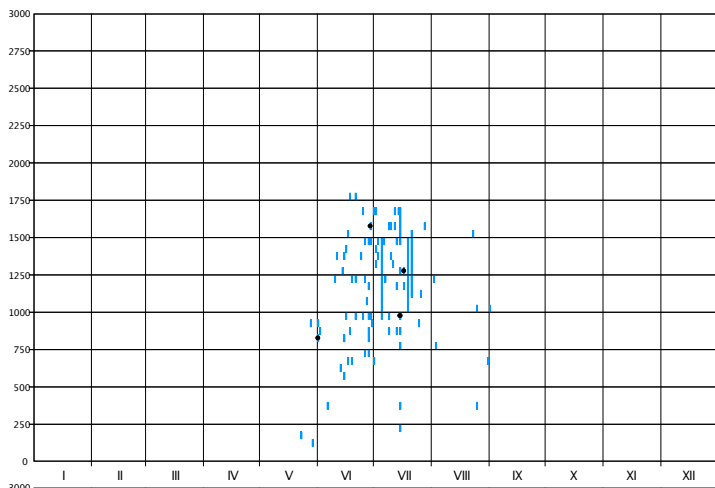


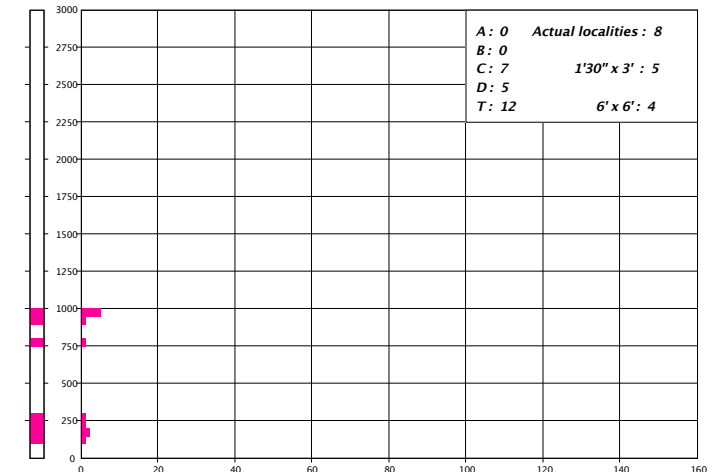
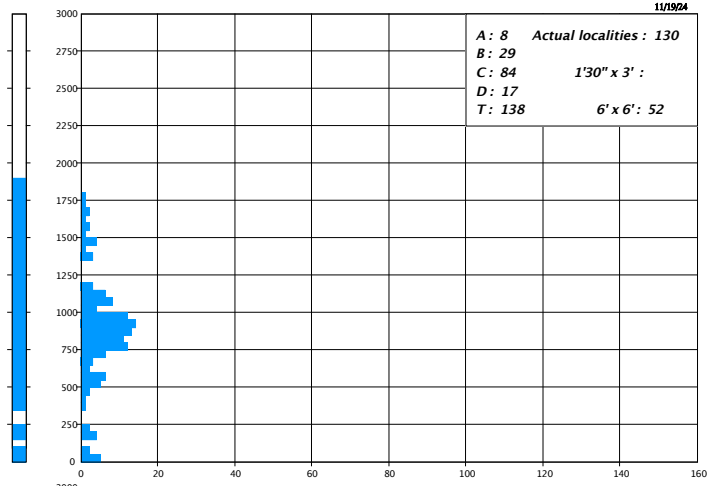
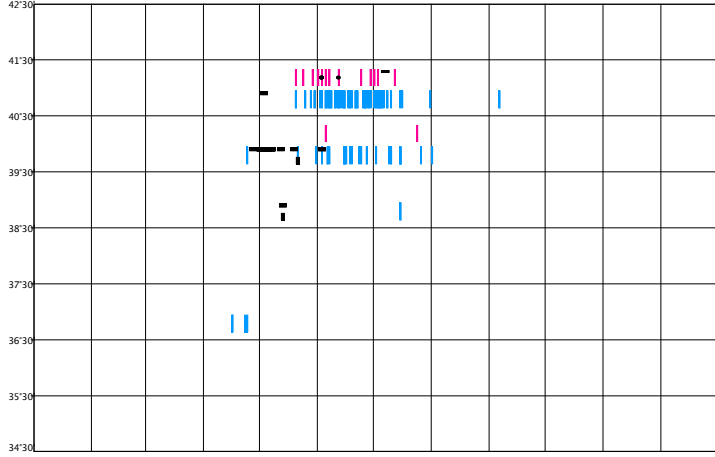
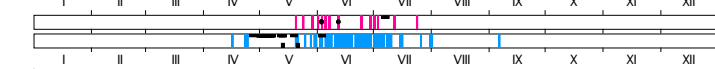
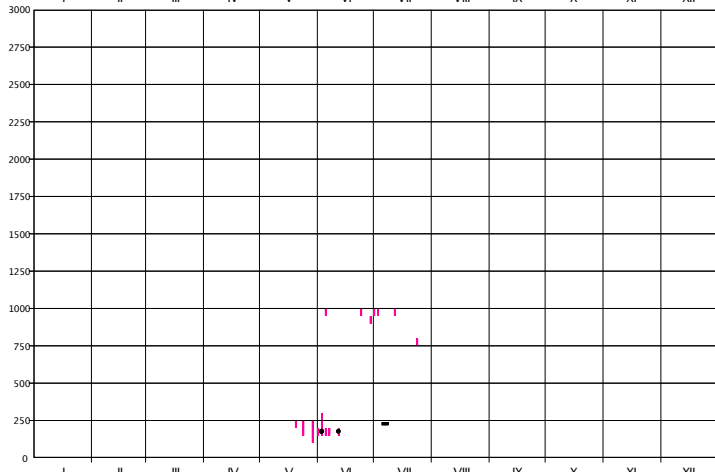
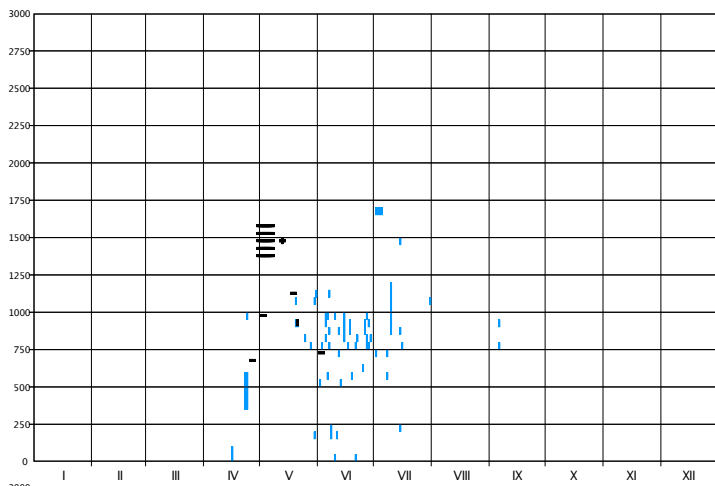




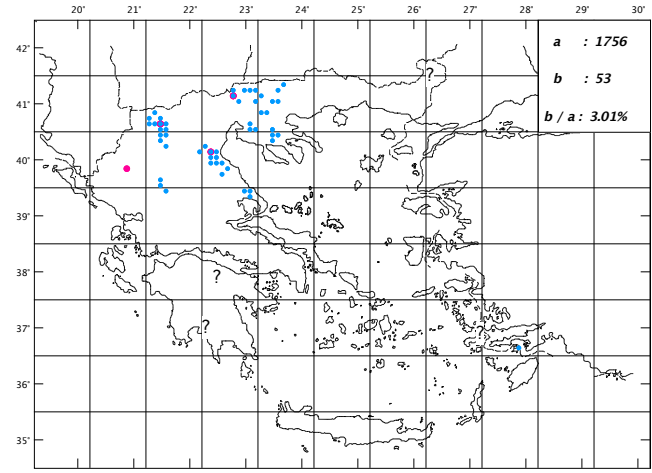
HESPERIIDAE *Spialia orbifer*

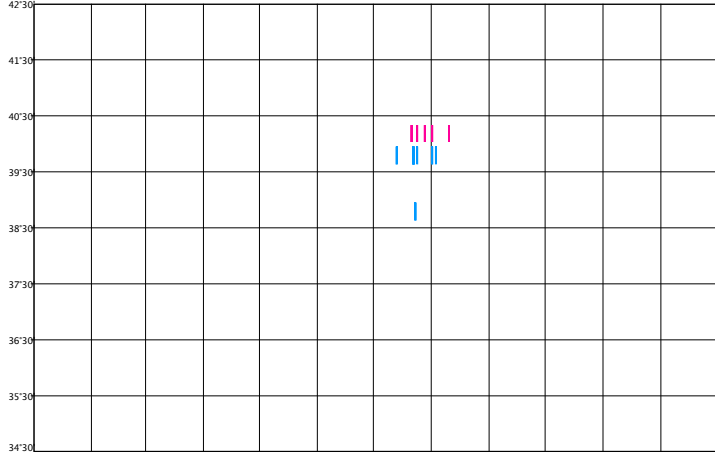
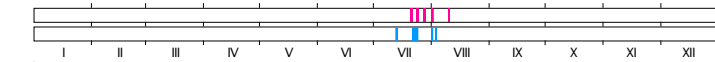
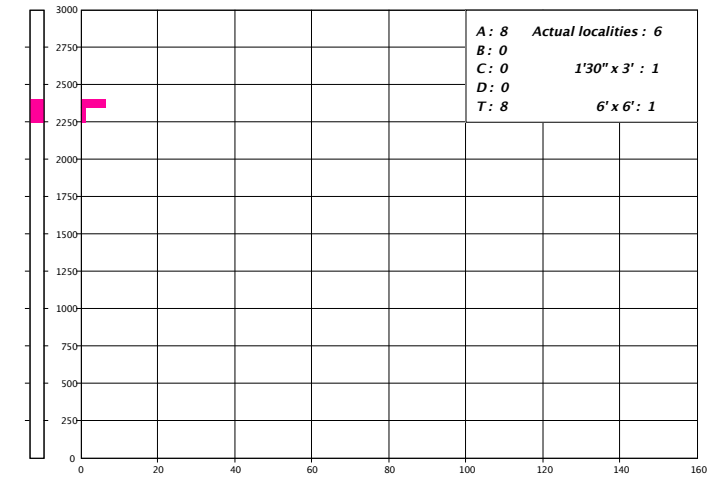
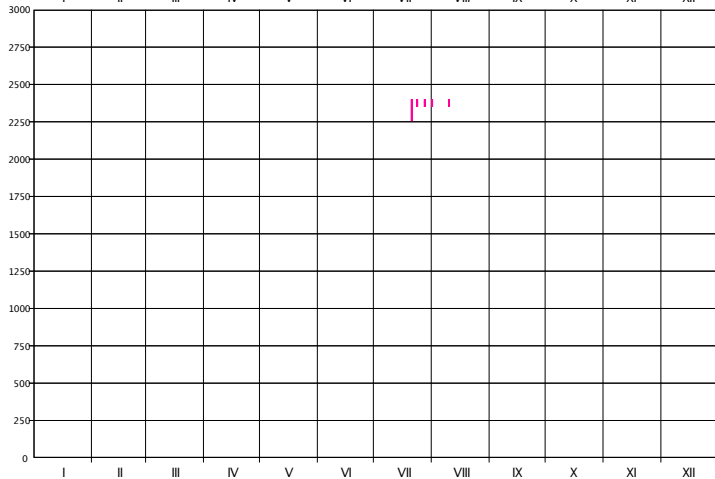
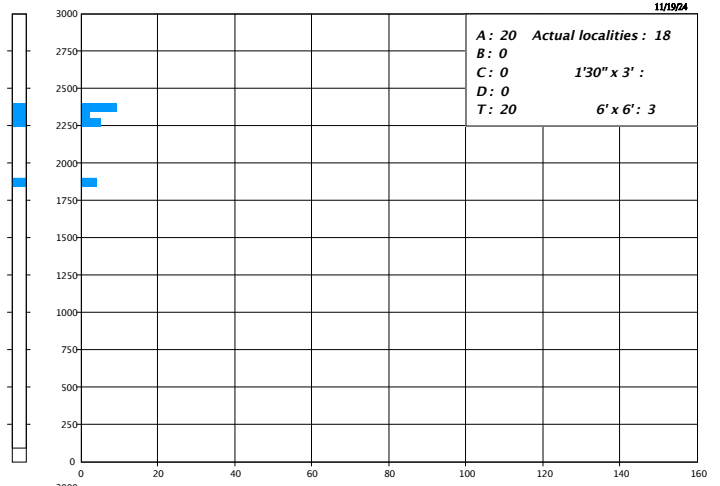
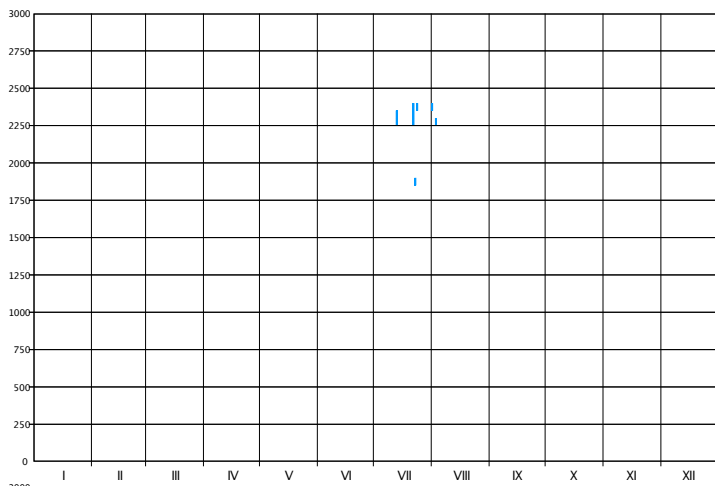




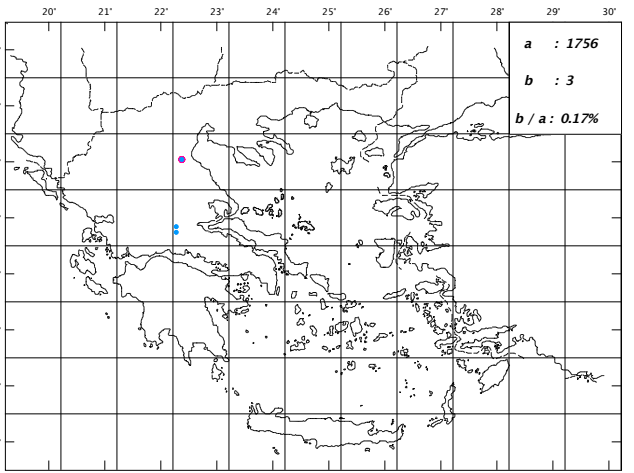


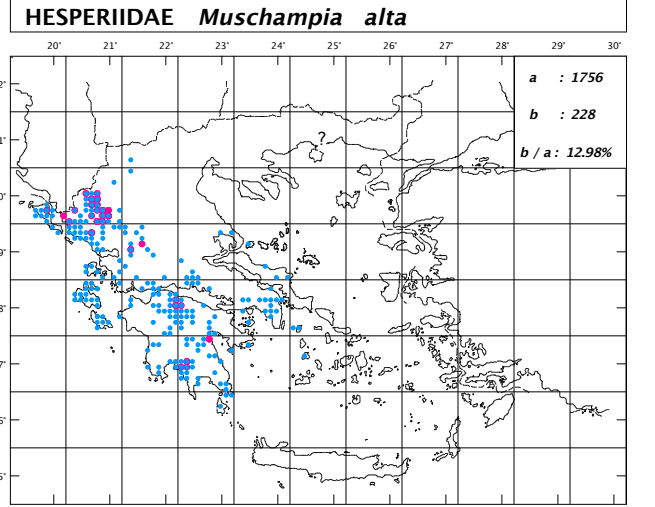
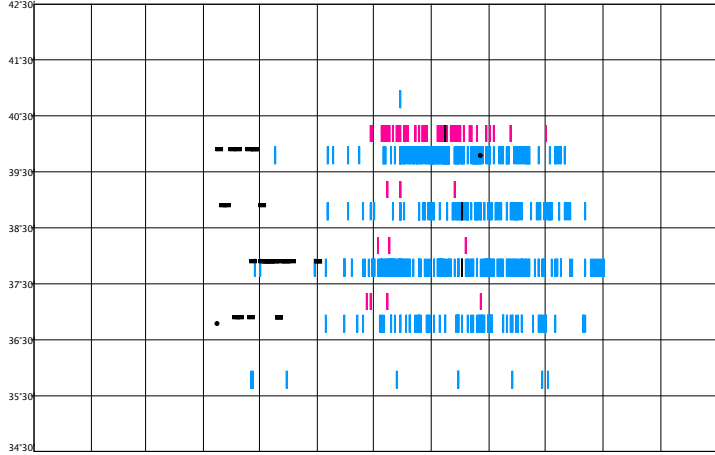
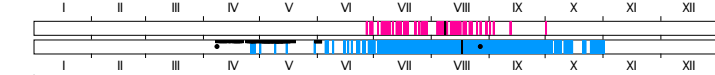
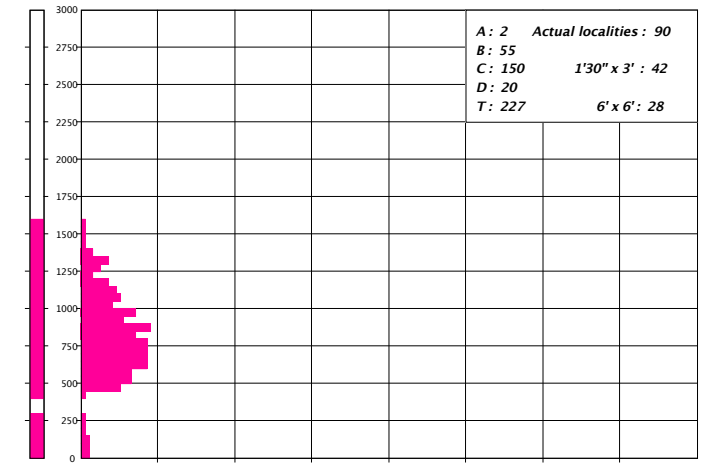
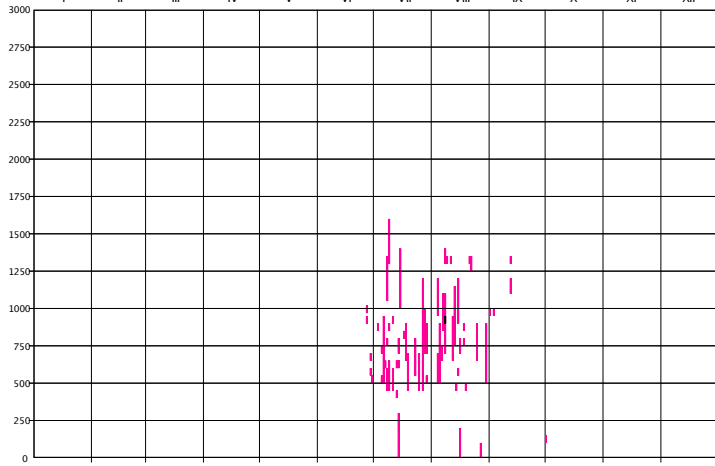
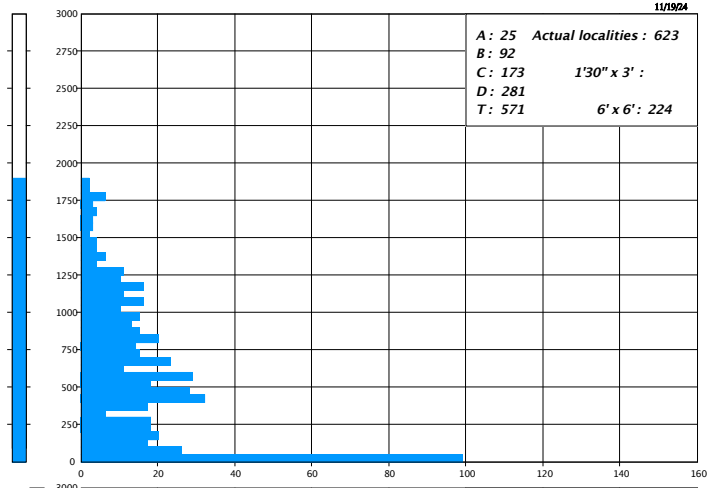
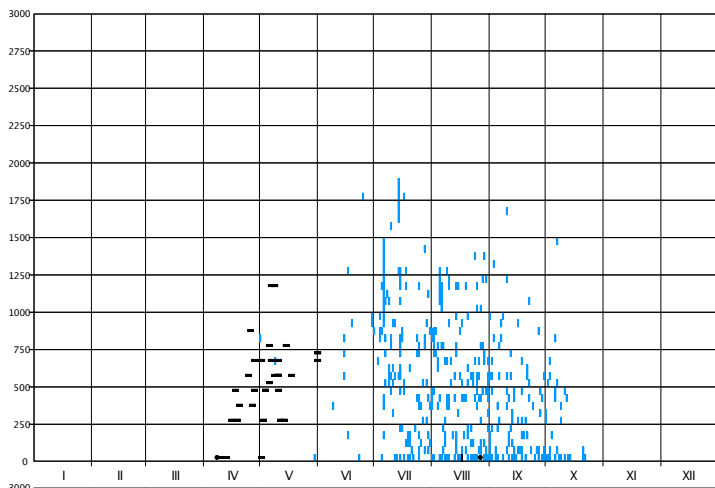
HESPERIIDAE *Muschampia tessellum*

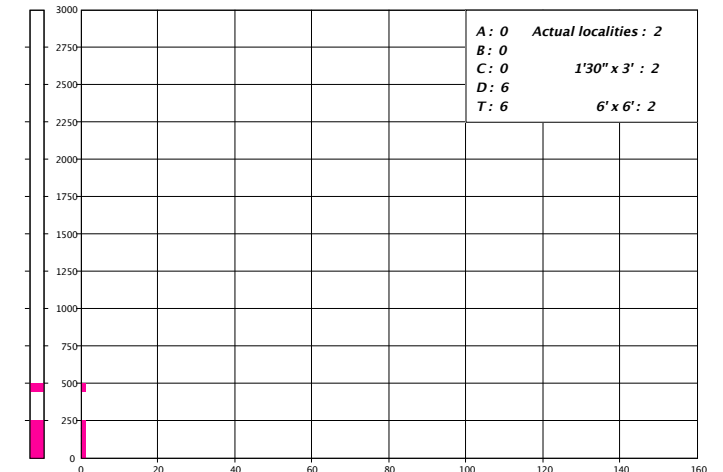
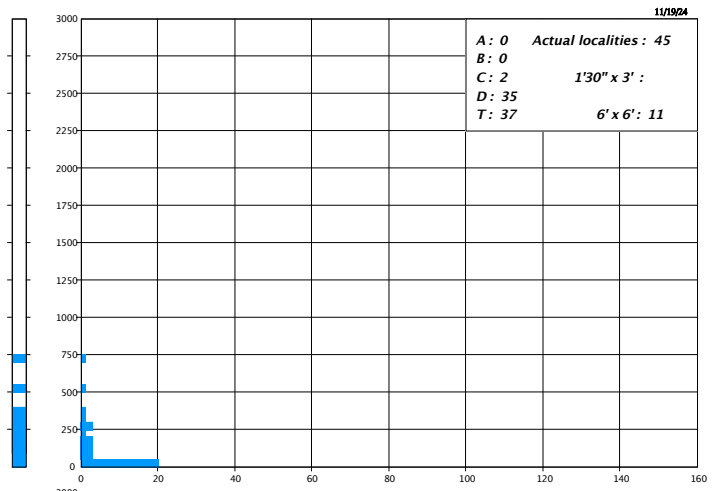
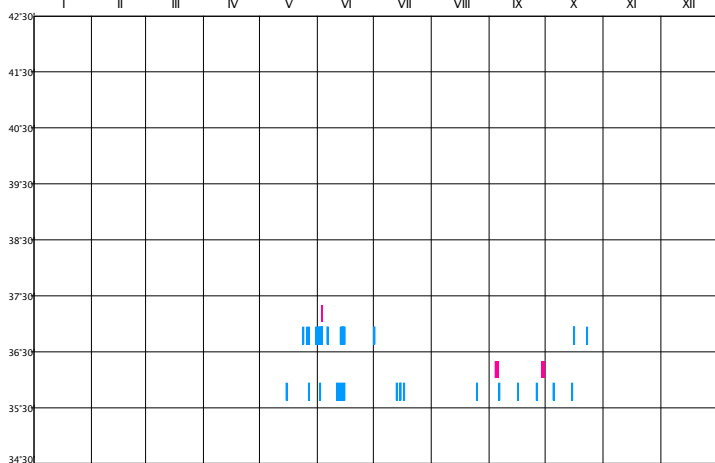
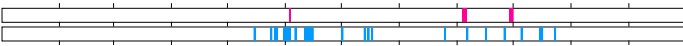
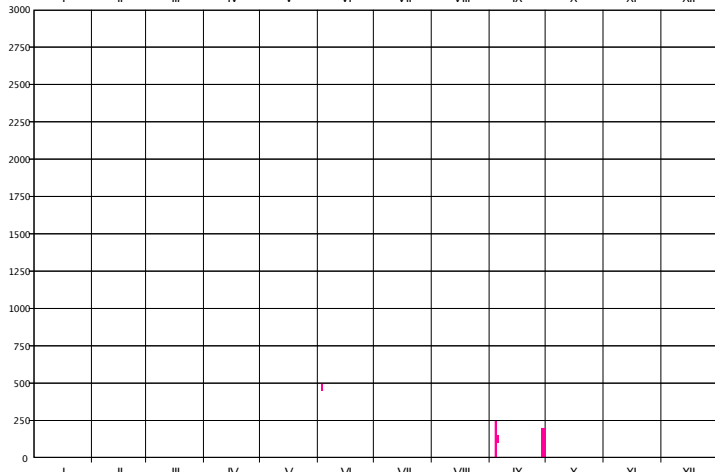
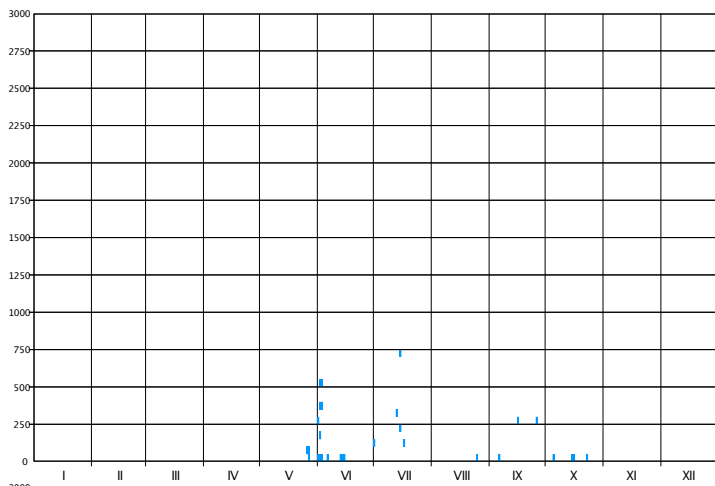




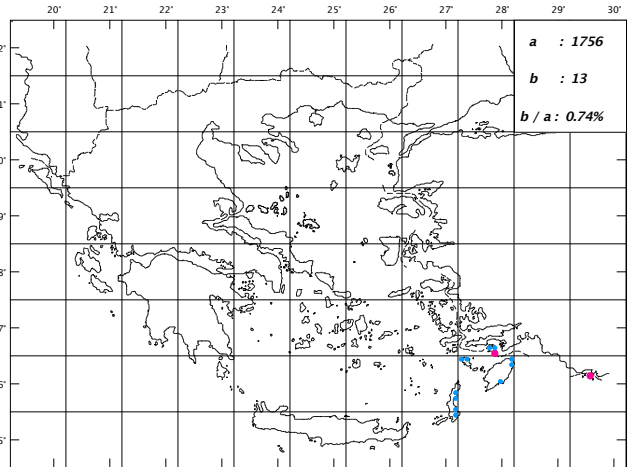
HESPERIIDAE *Favria cribrellum*

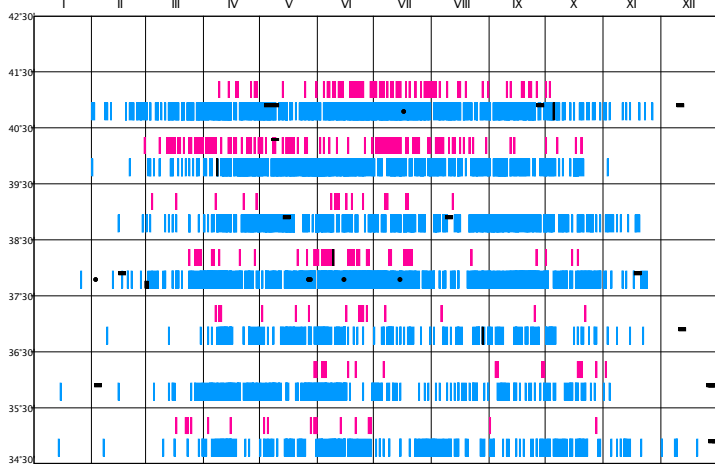
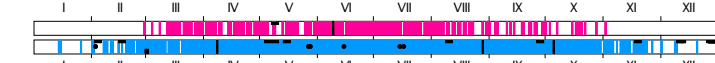
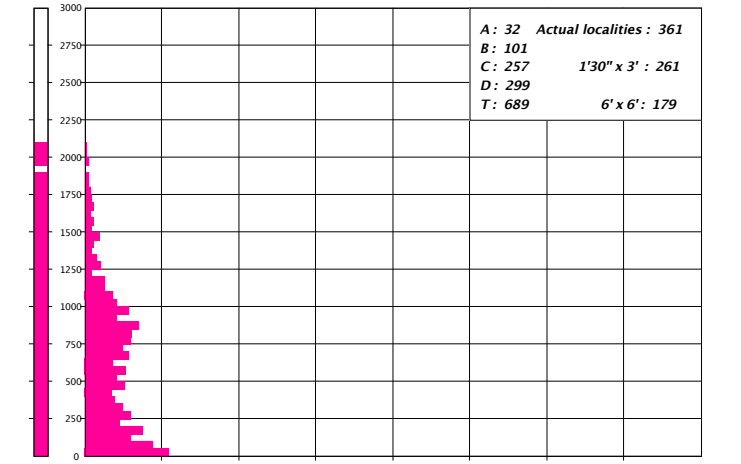
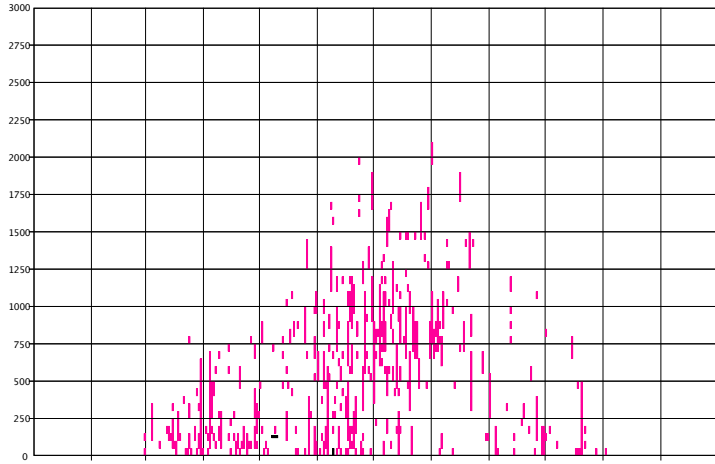
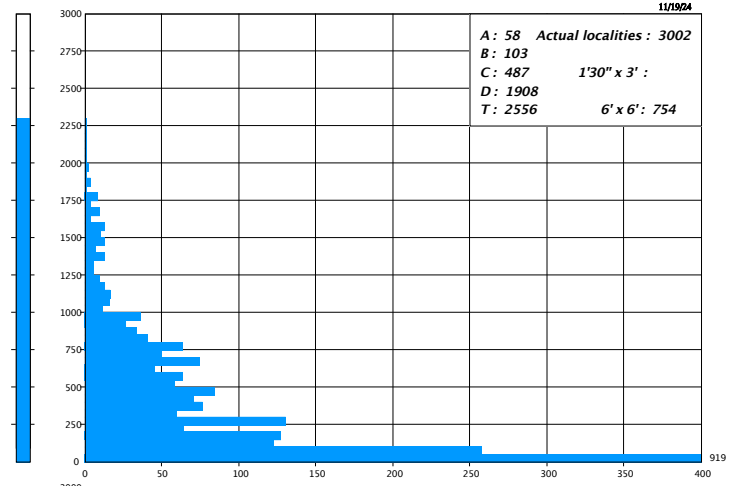
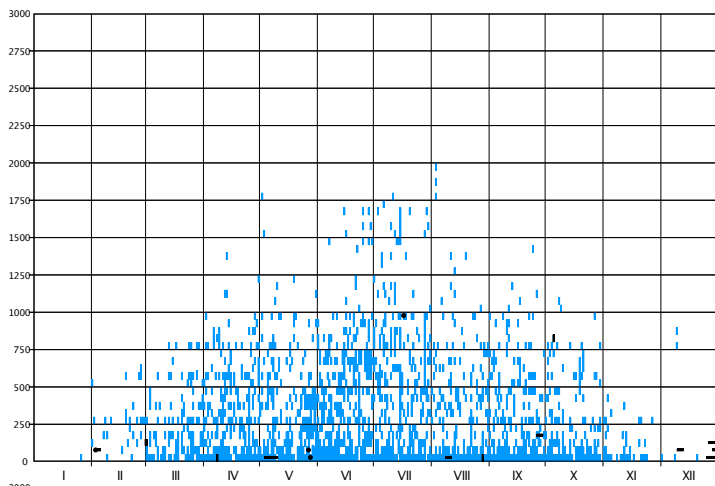




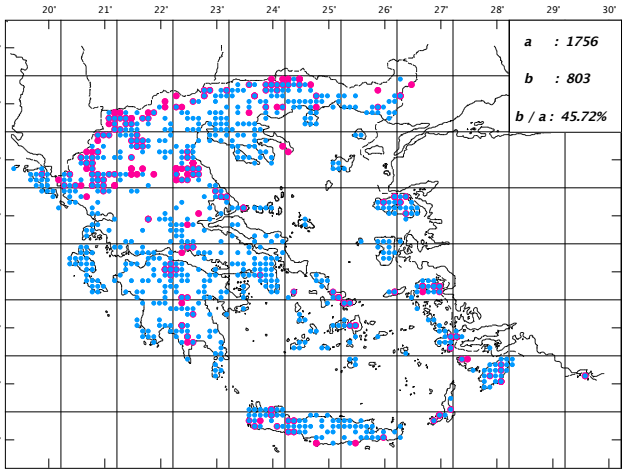


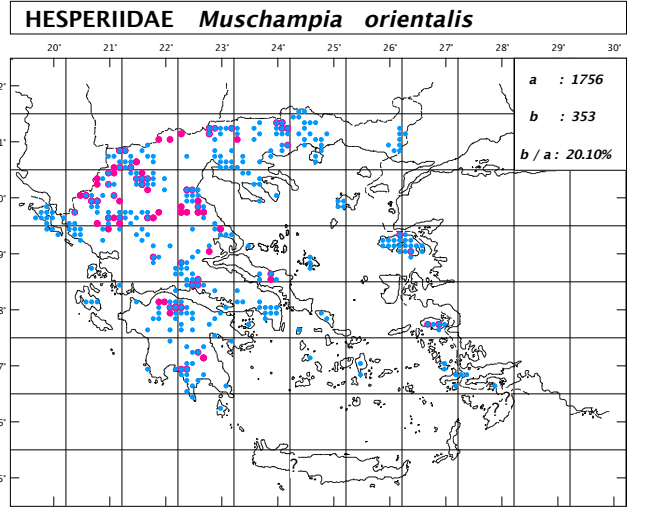
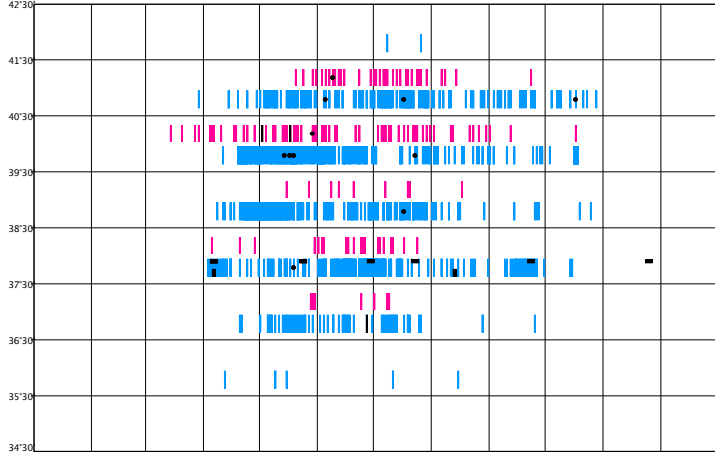
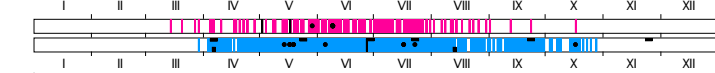
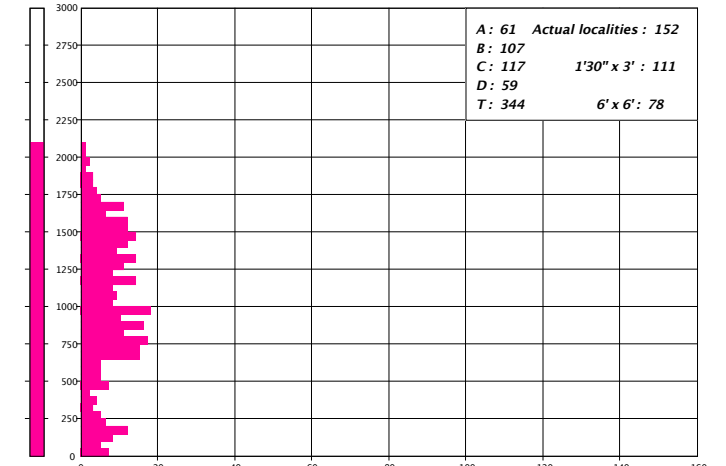
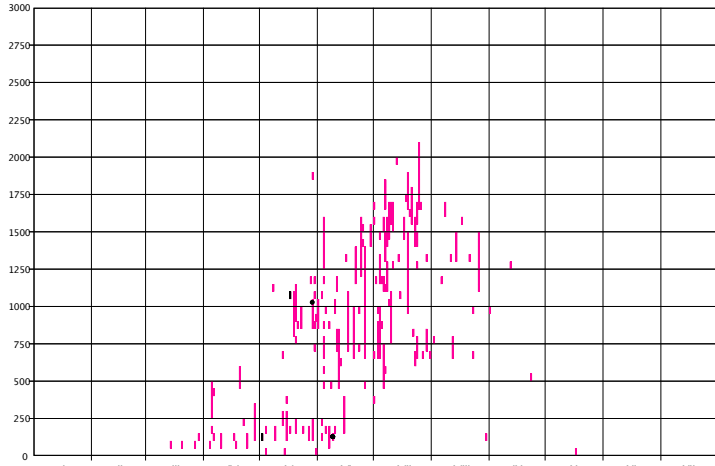
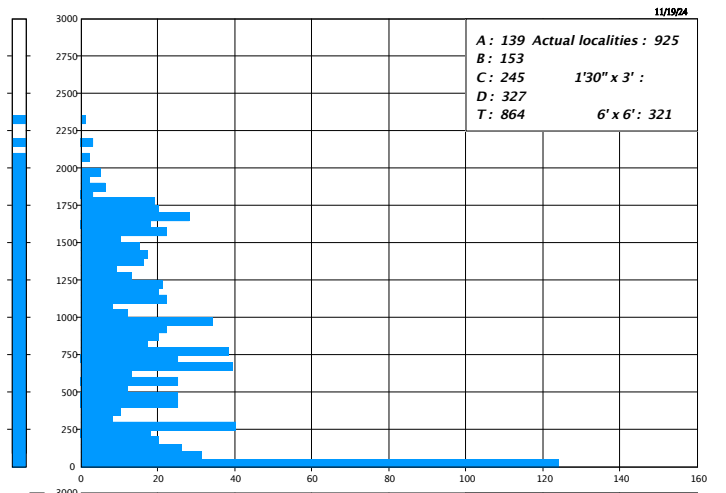
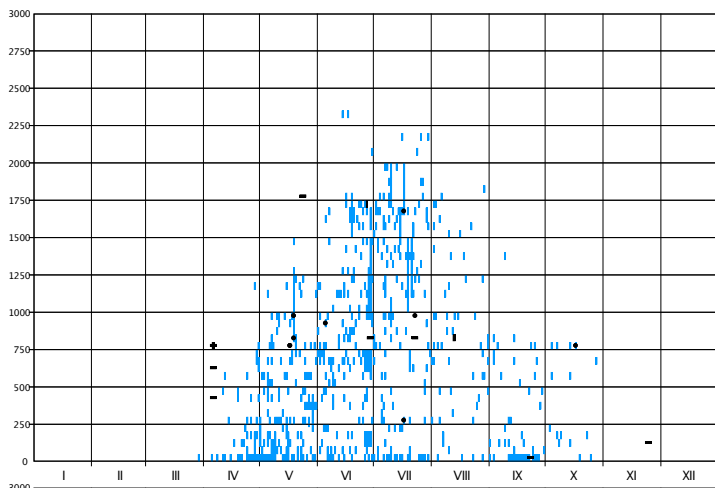
HESPERIIDAE *Muschampia proteides*

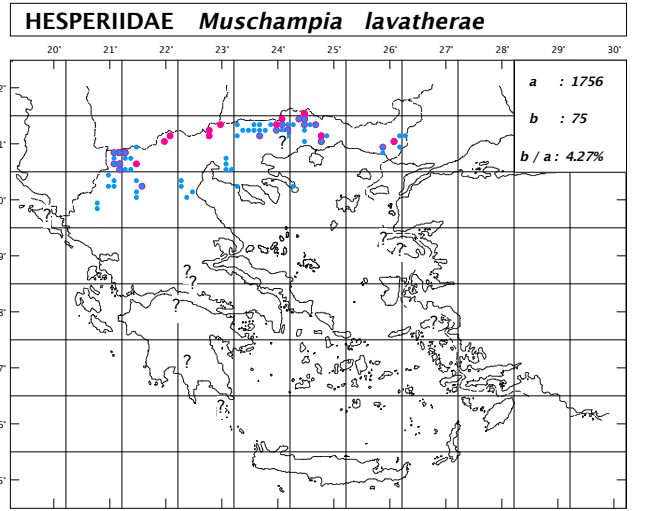
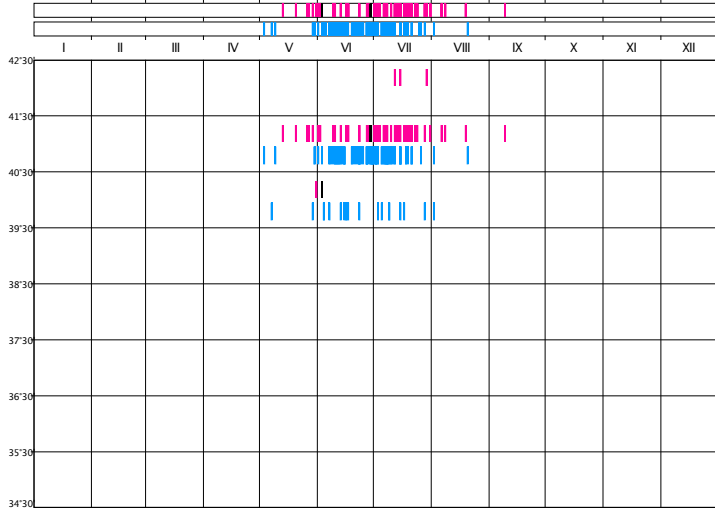
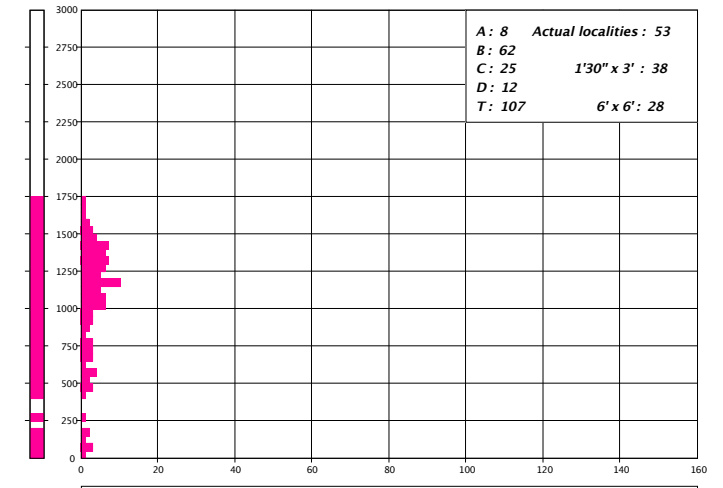
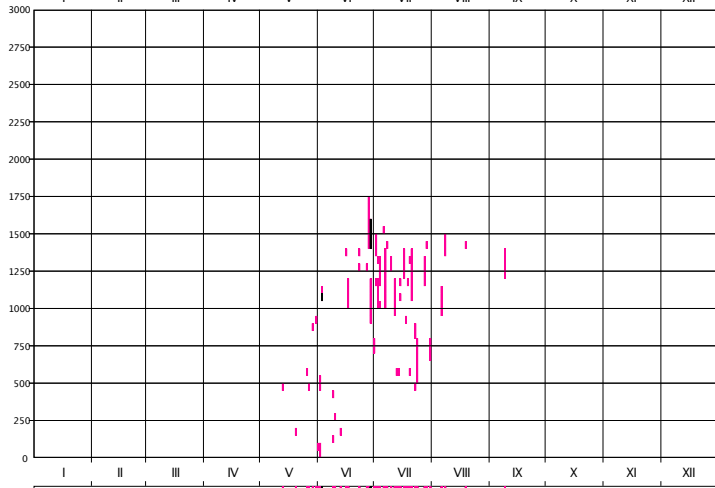
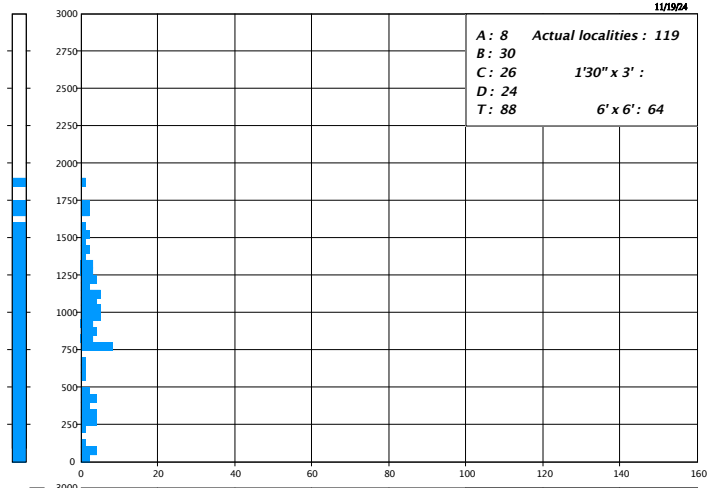
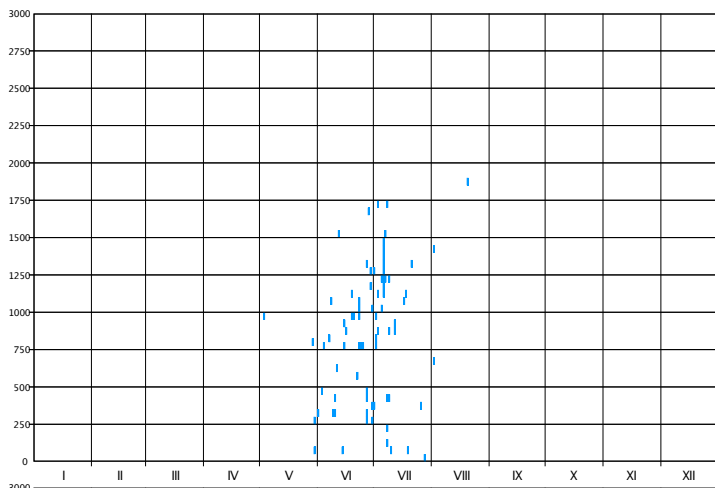


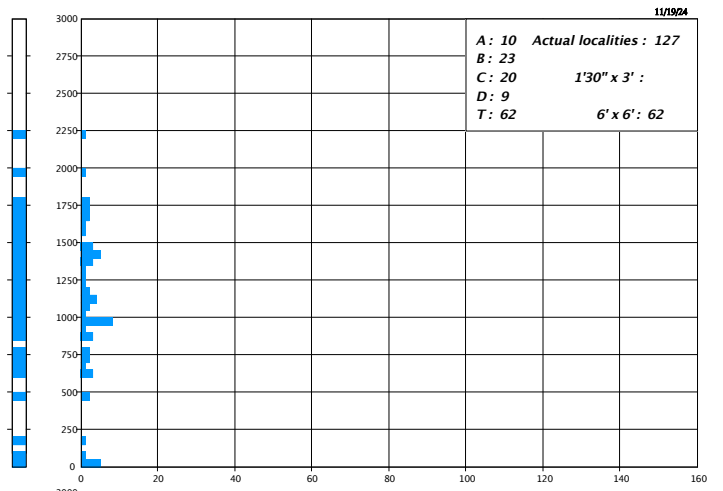
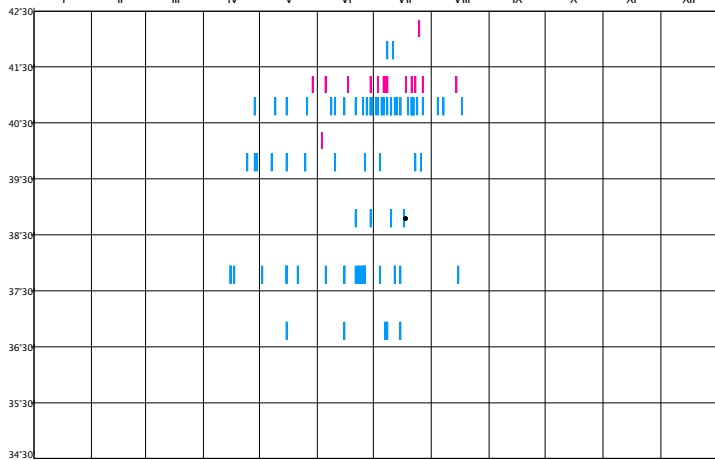
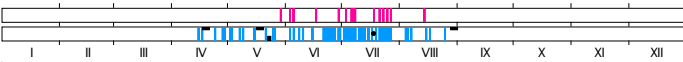
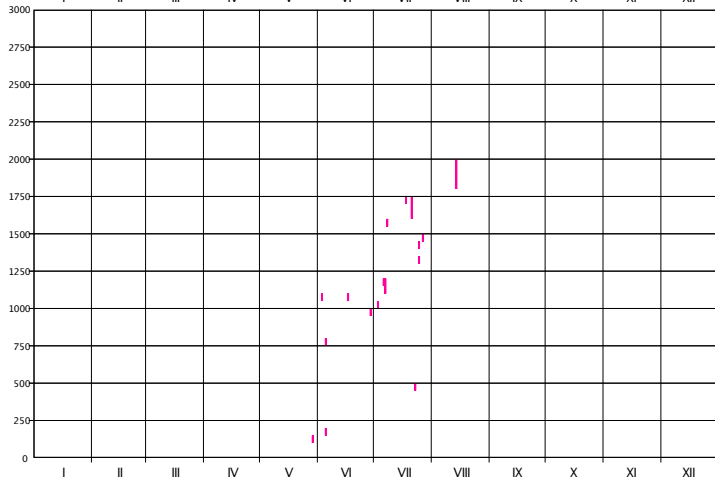
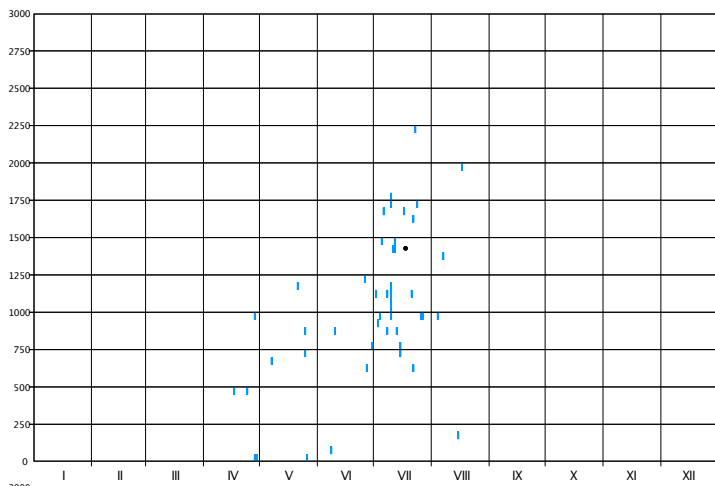


HESPERIIDAE *Carcharodus alceae*

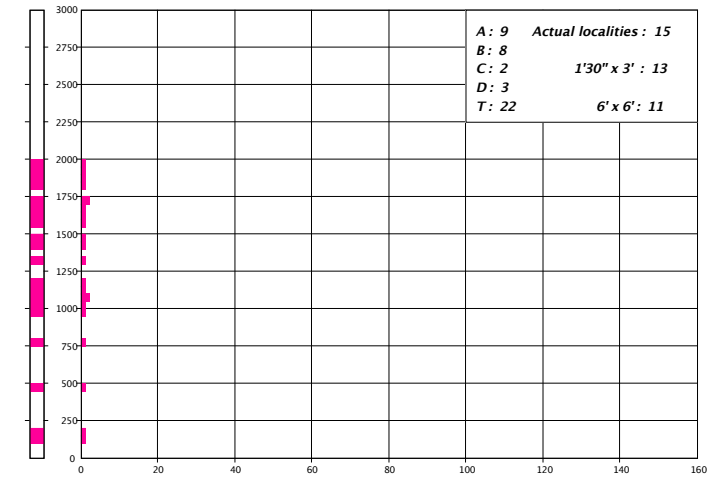






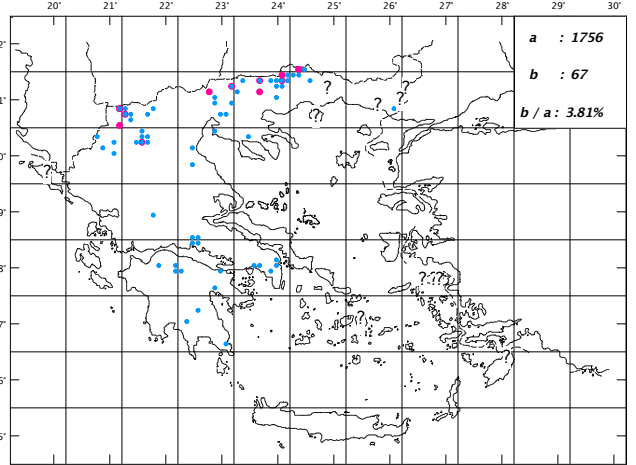


11/19/24
A : 10 Actual localities : 127
B : 23
C : 20 1'30" x 3' : 62
D : 9
T : 62 6' x 6' : 62

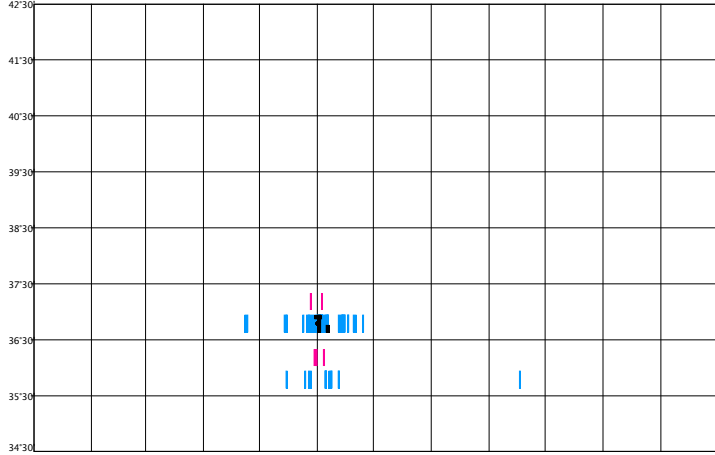
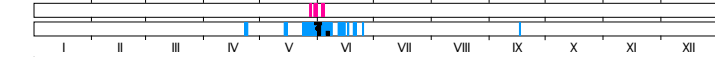
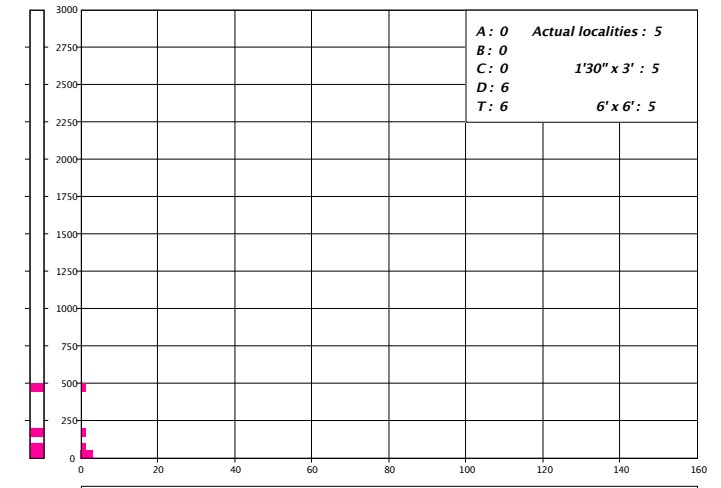
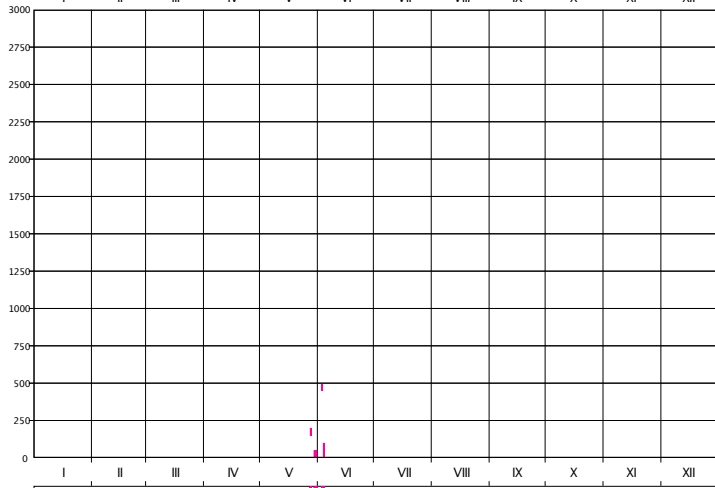
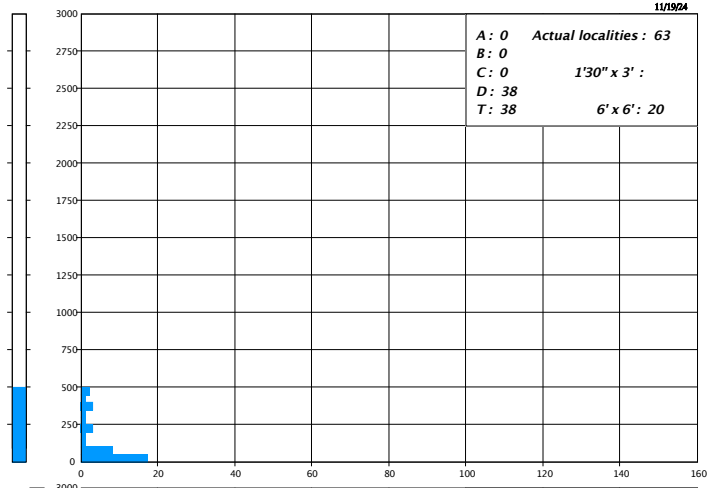
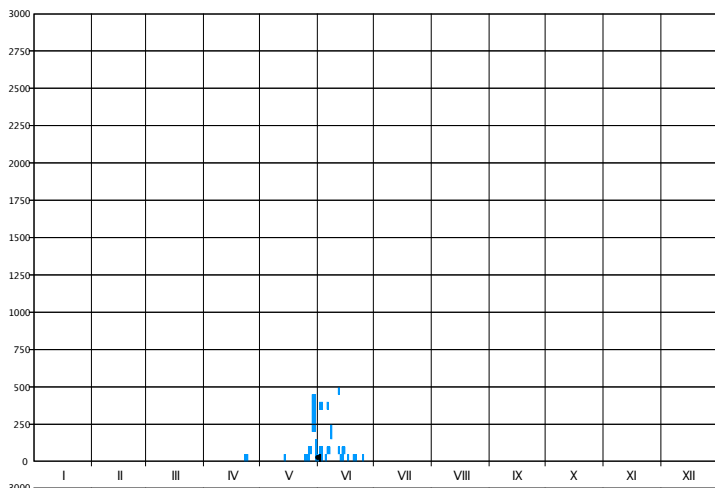


A : 9 Actual localities : 15
B : 8
C : 2 1'30" x 3' : 13
D : 3
T : 22 6' x 6' : 11

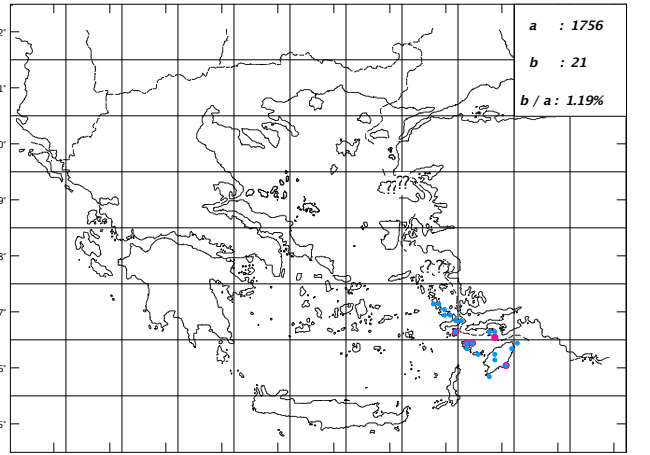
HESPERIIDAE *Muschampia floccifera*

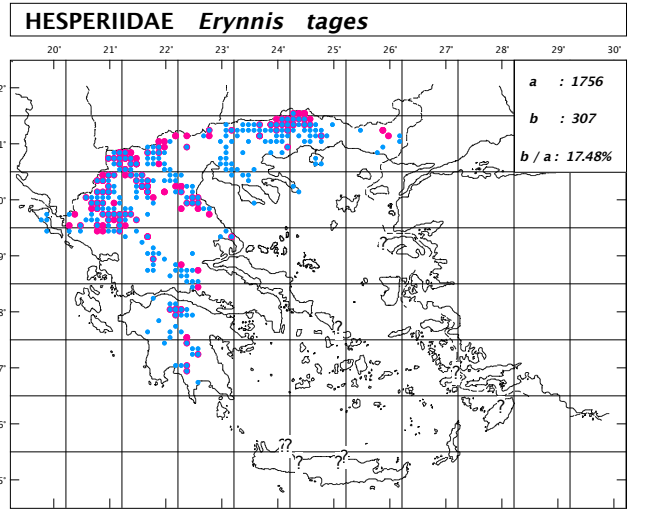
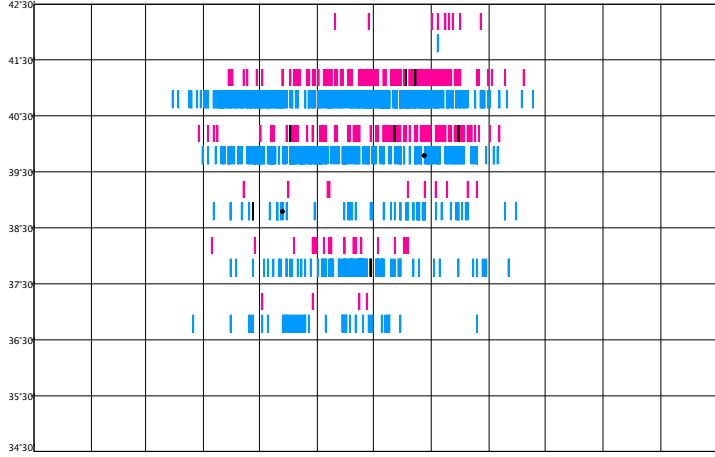
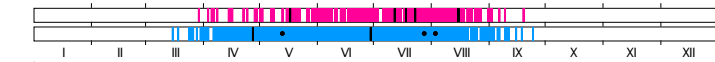
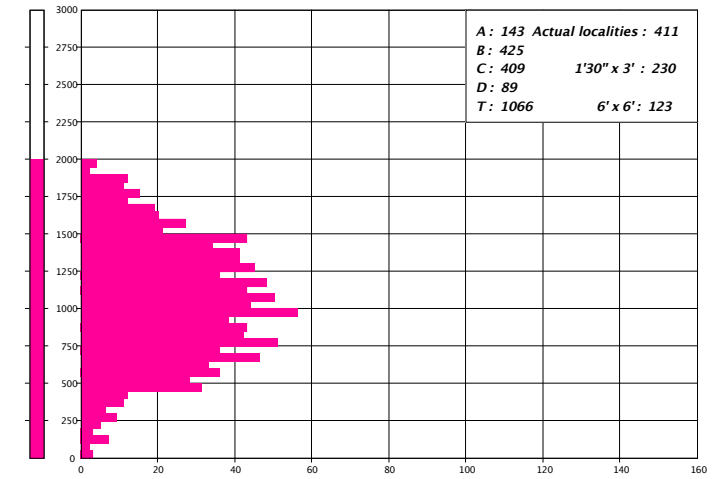
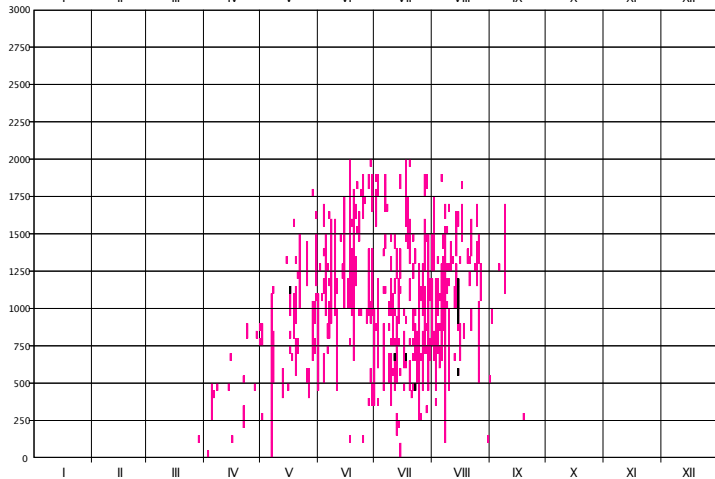
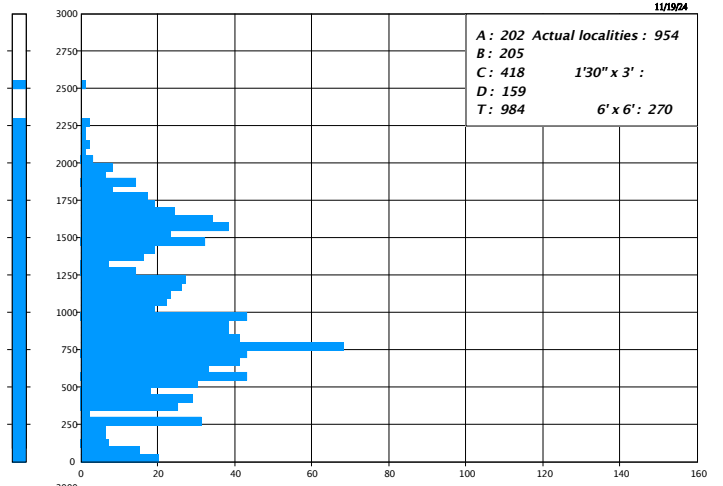
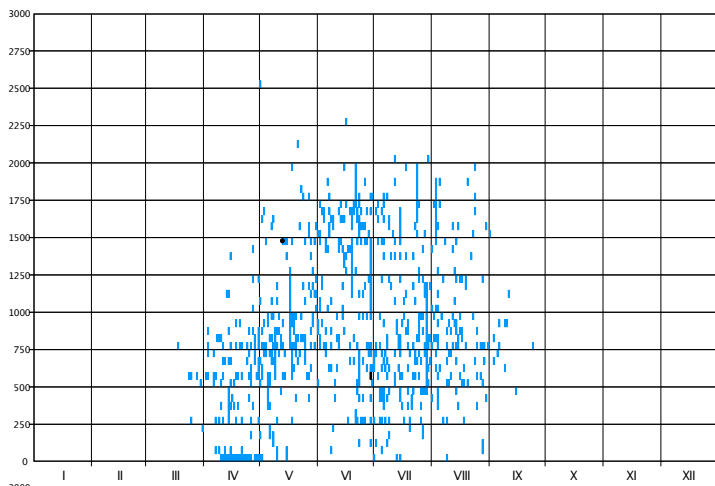


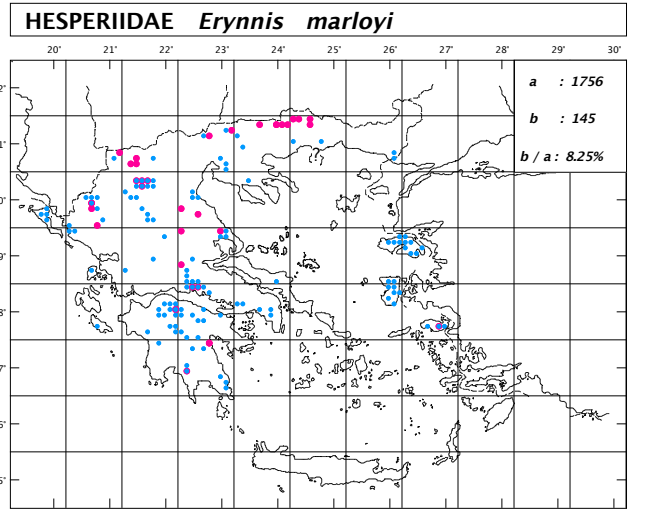
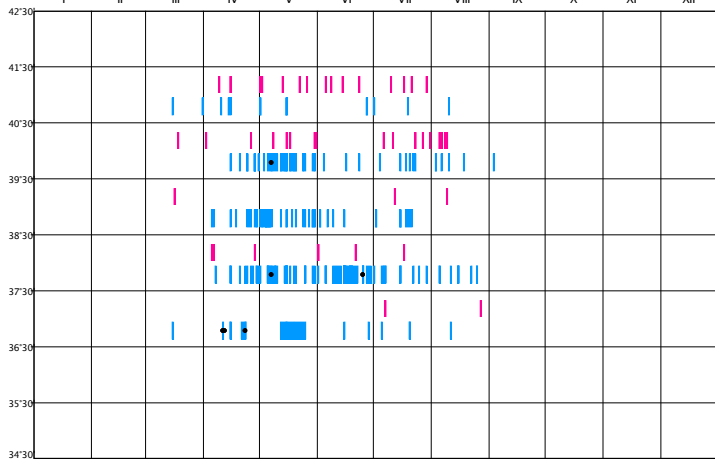
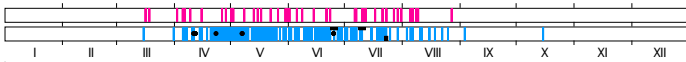
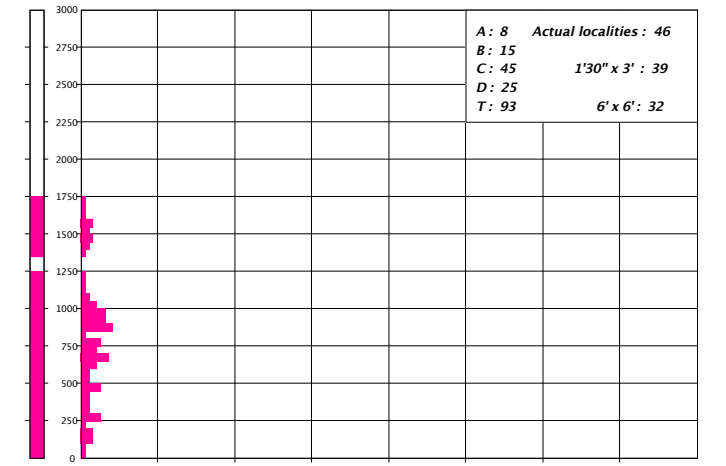
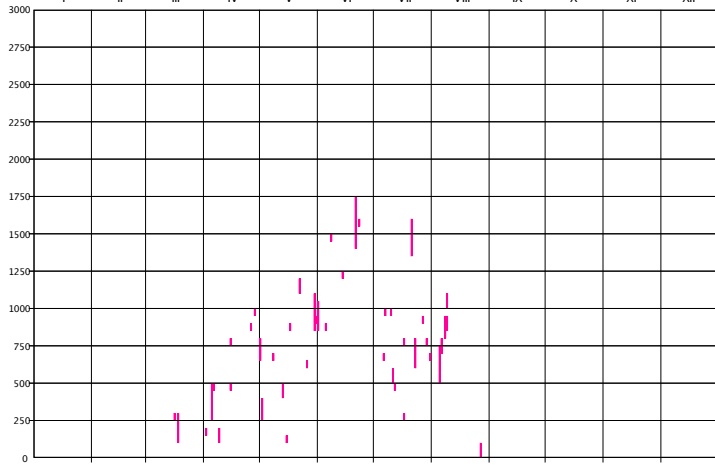
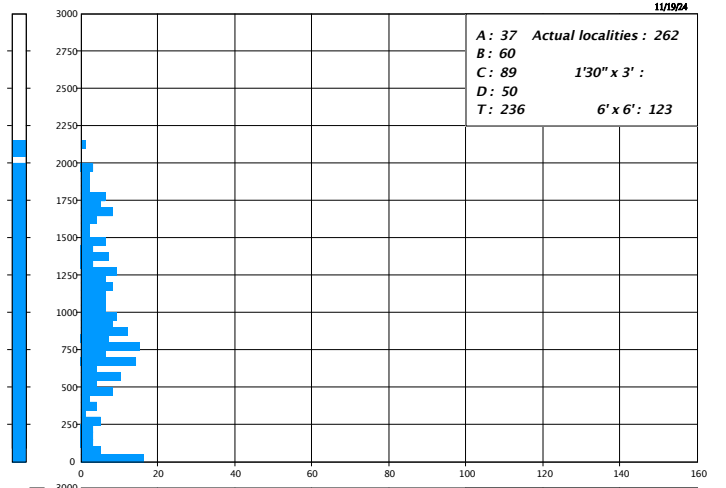
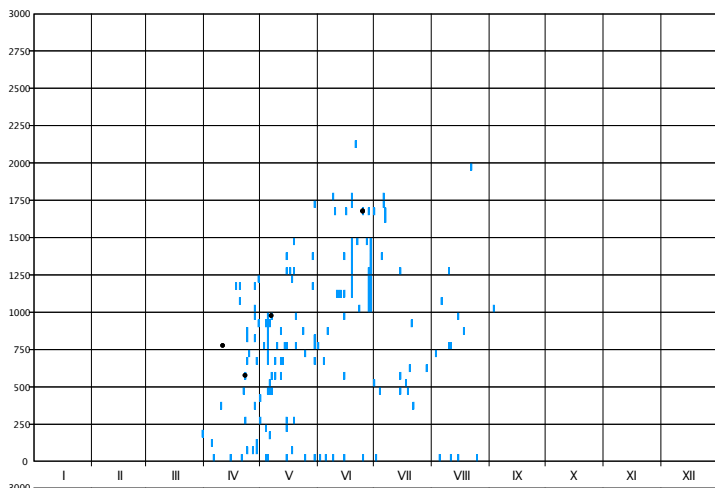
a : 1756
b : 67
b / a : 3.81%

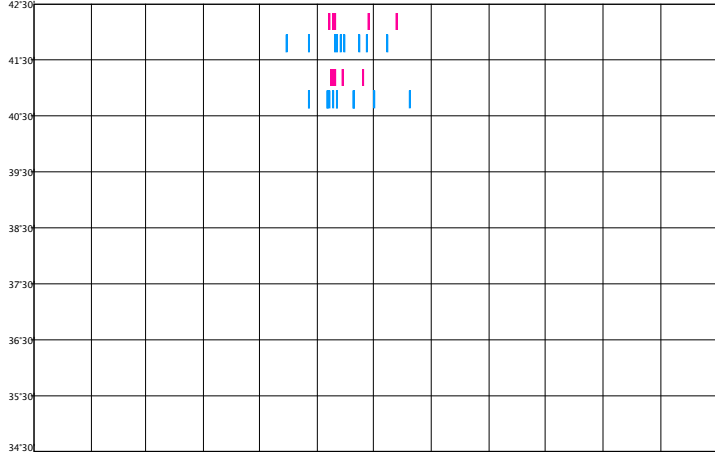
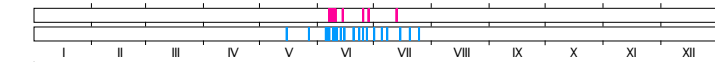
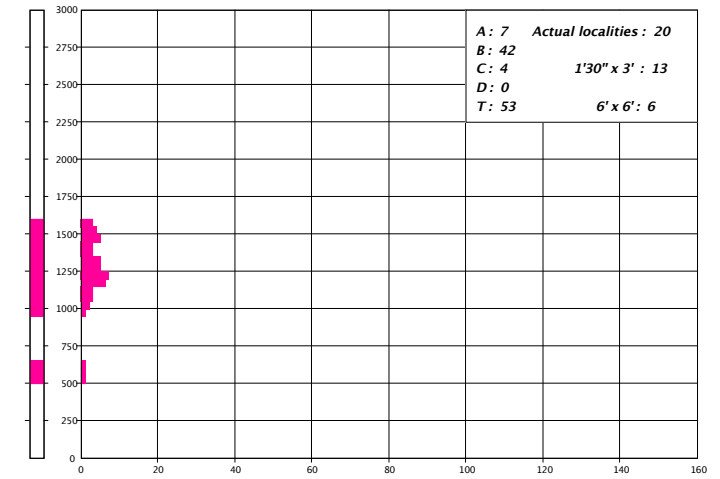
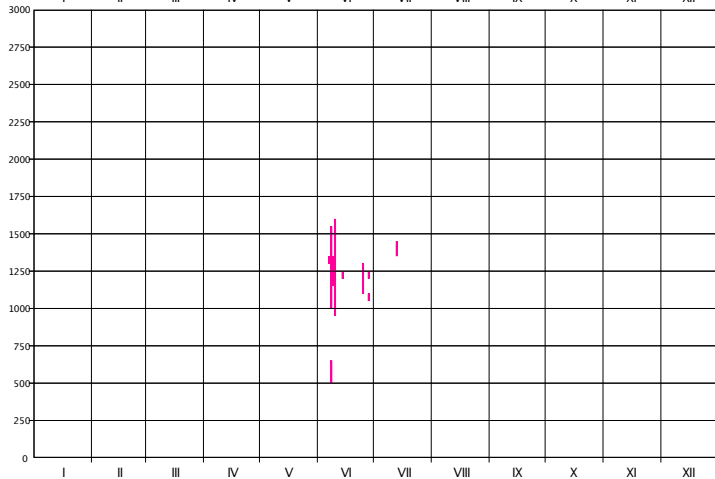
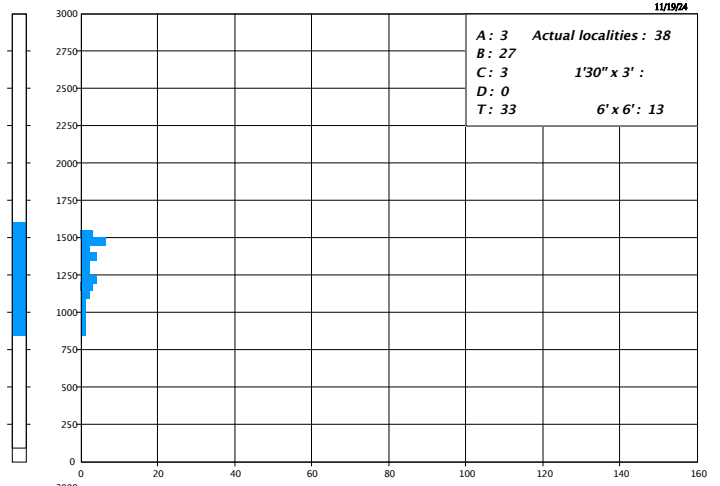
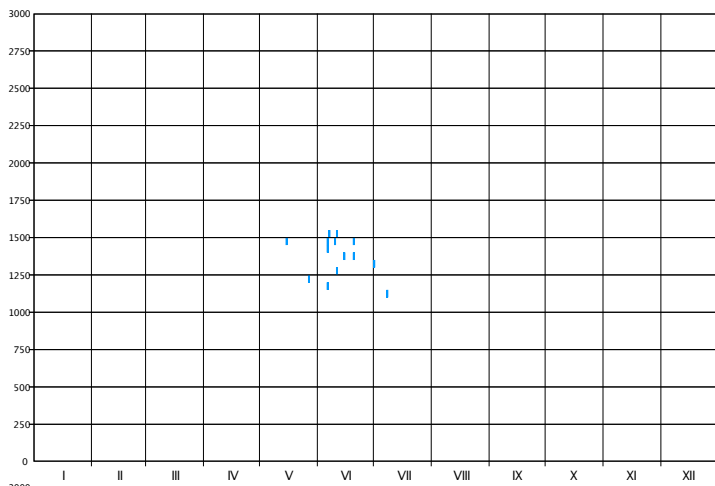


HESPERIIDAE *Muschampia stauderi*

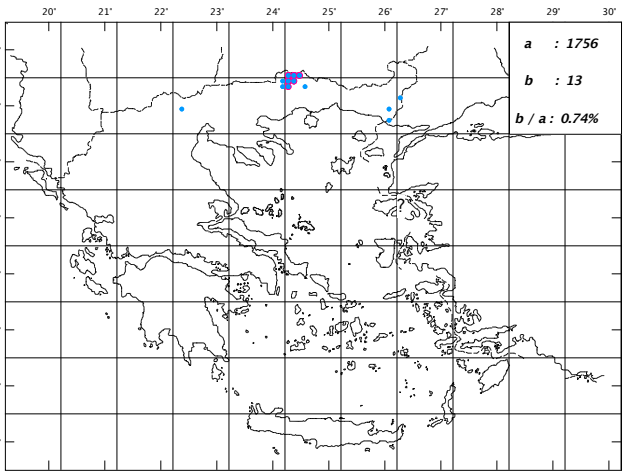


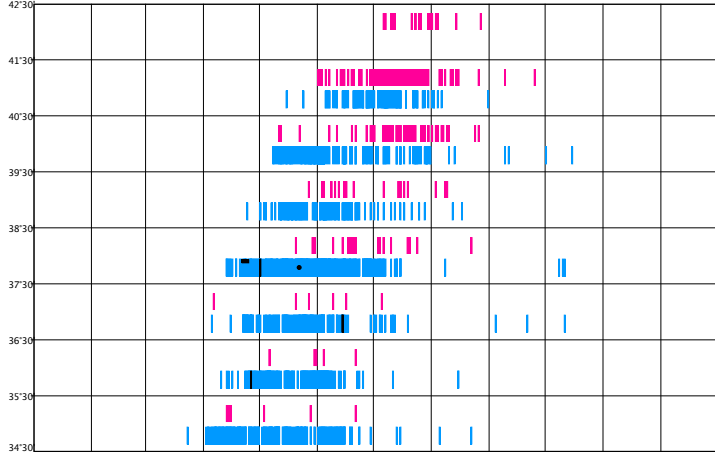
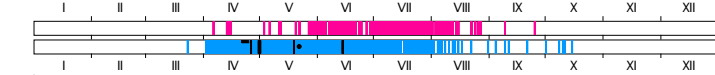
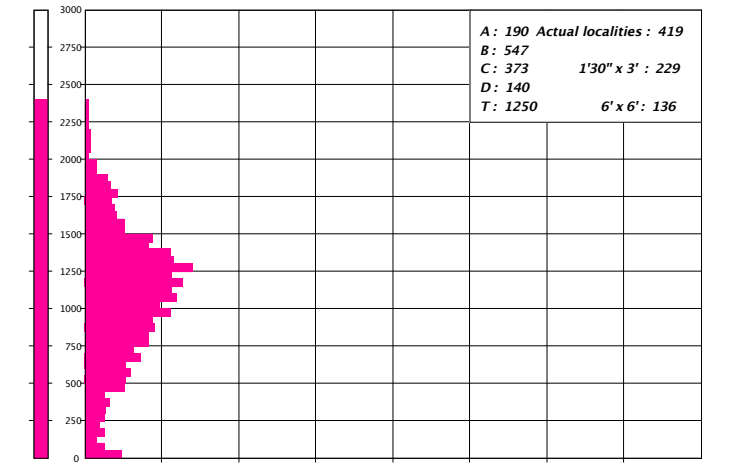
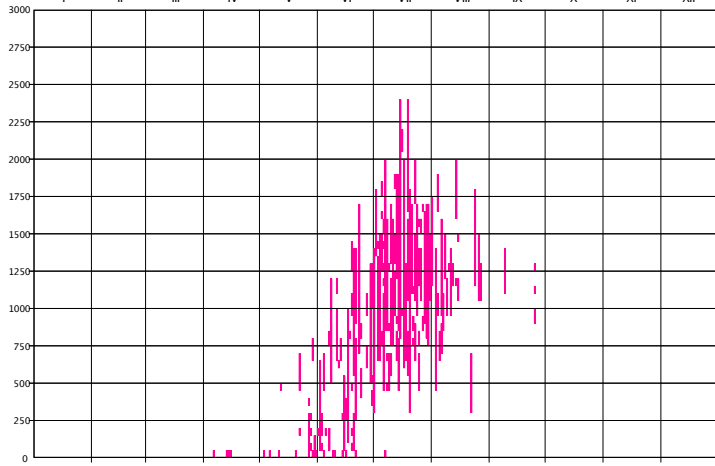
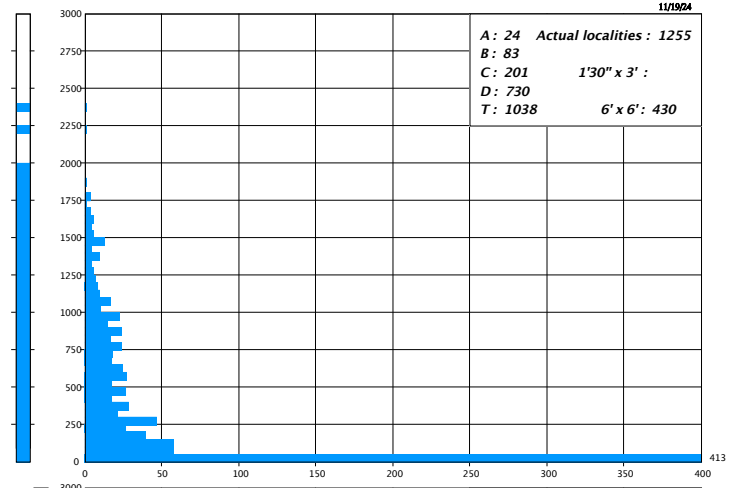
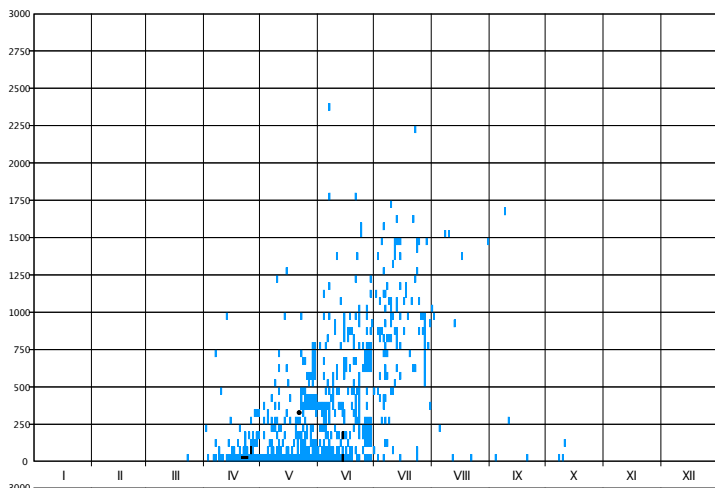




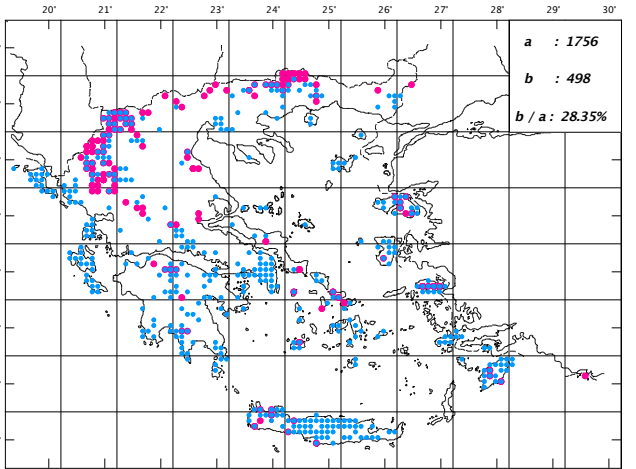


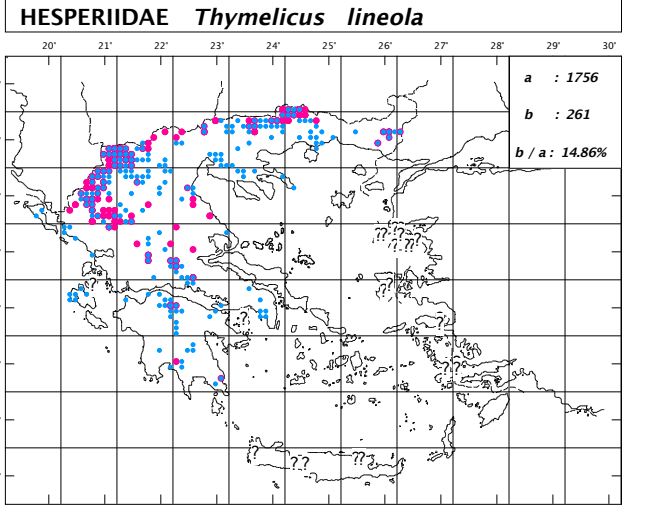
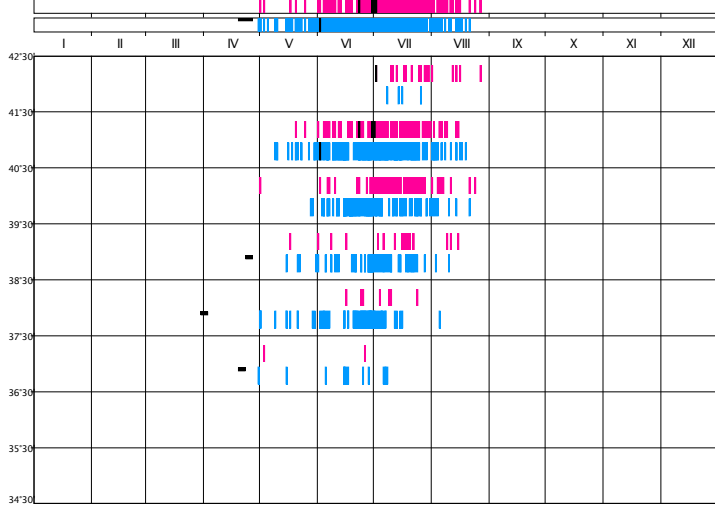
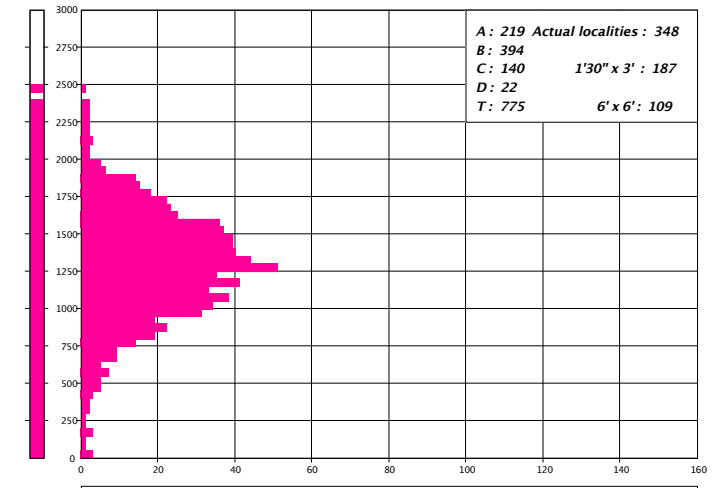
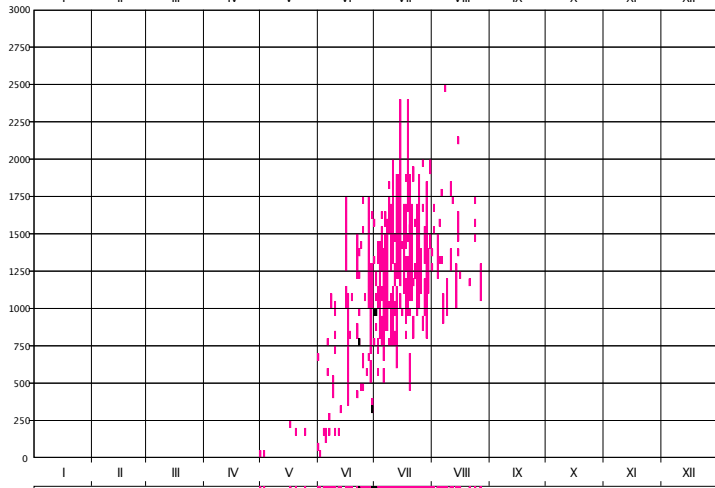
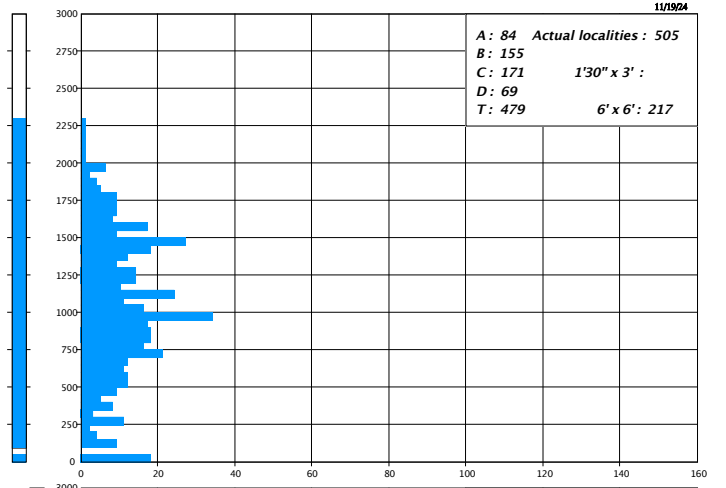
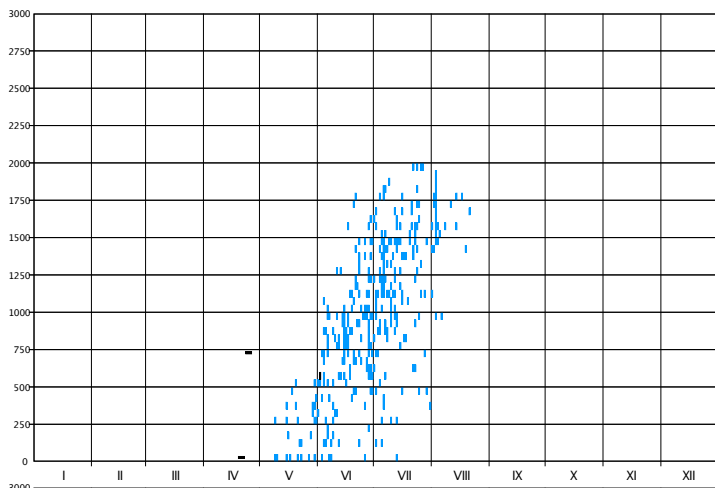
HESPERIIDAE *Carterocephalus palaemon*

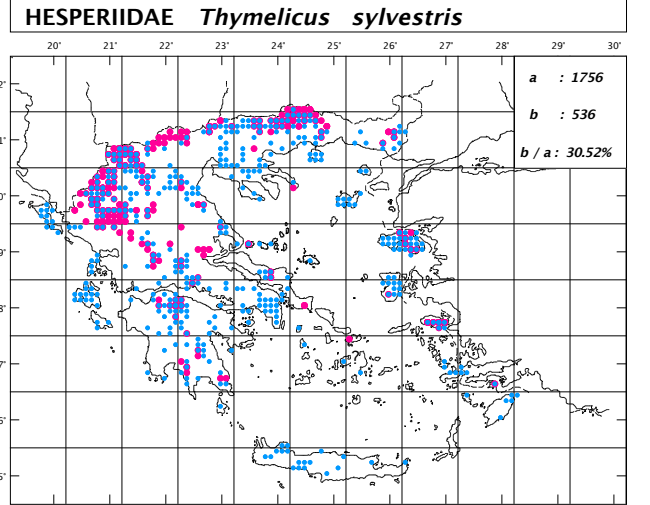
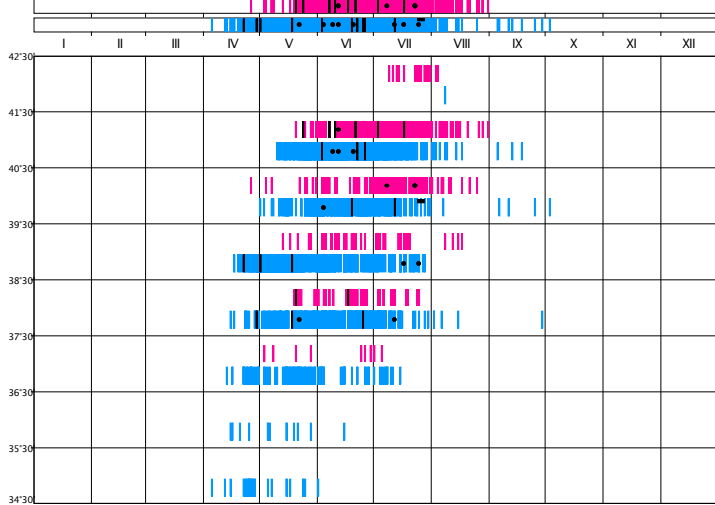
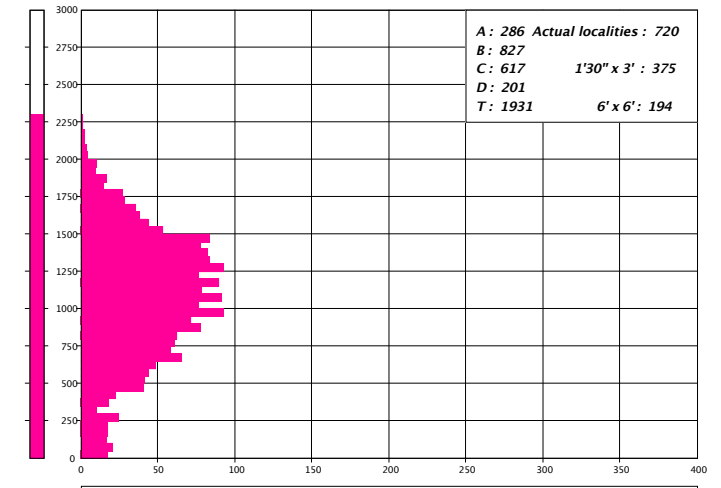
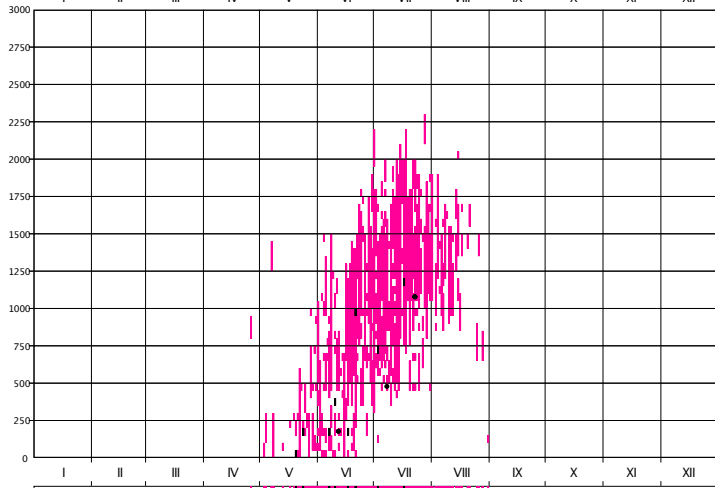
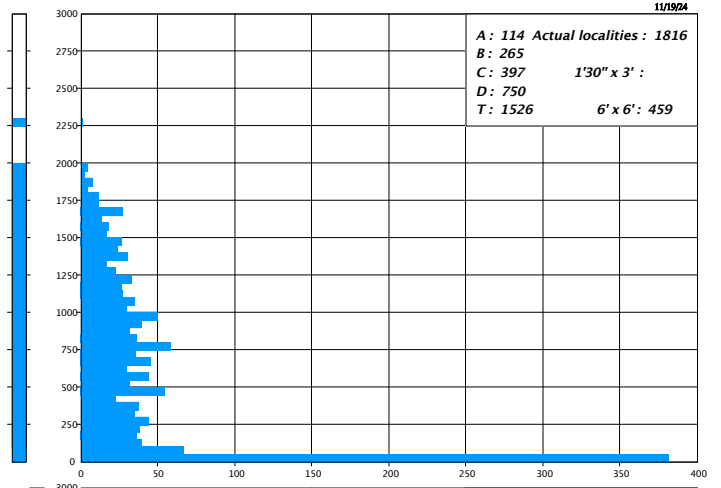
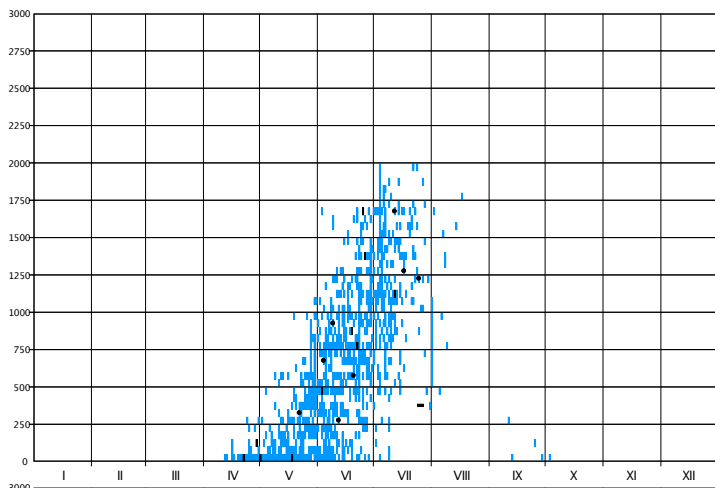


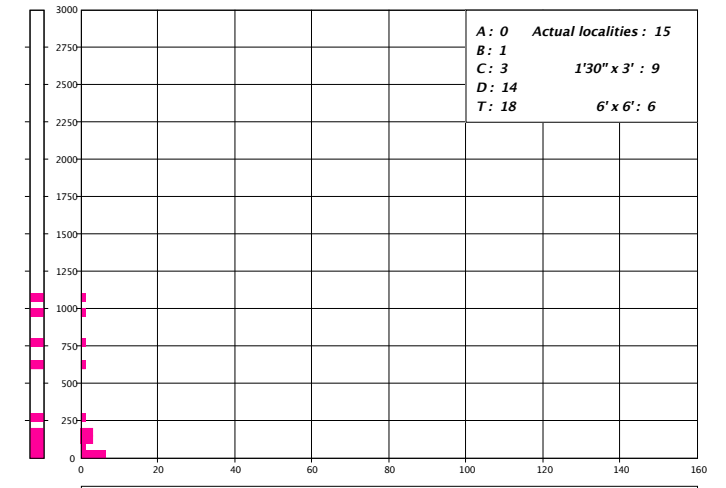
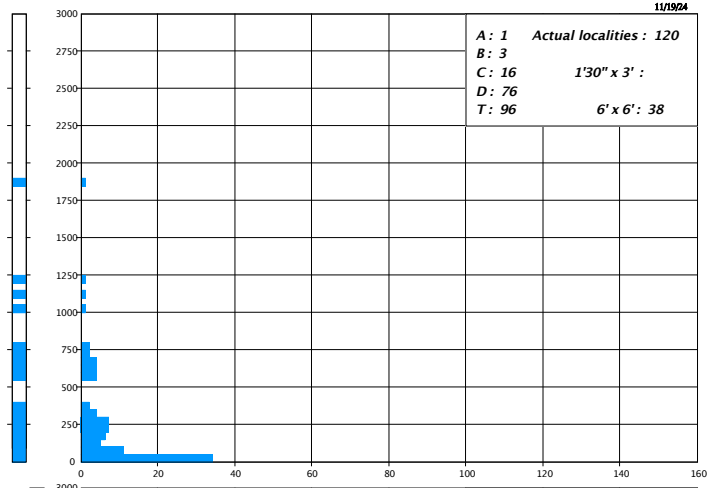
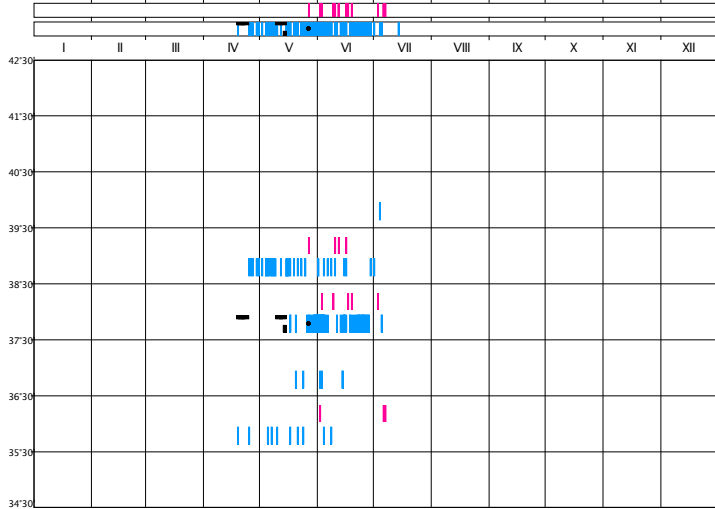
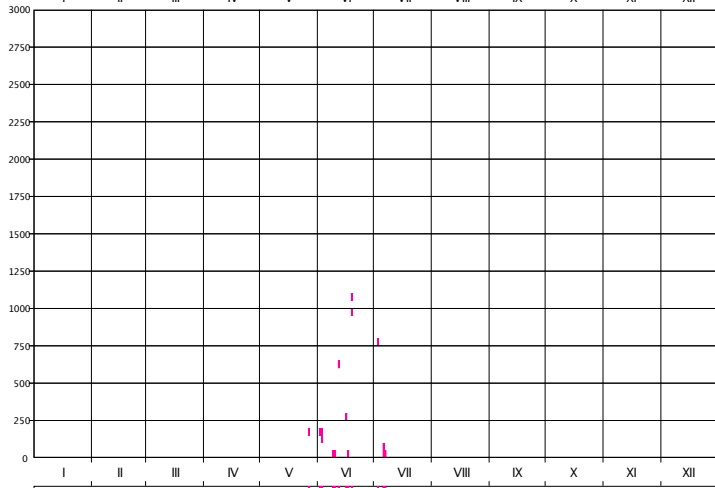
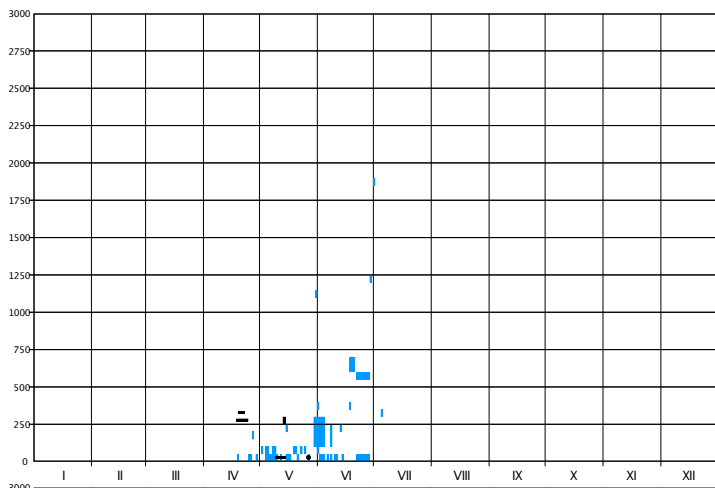


HESPERIIDAE *Thymelicus acteon*

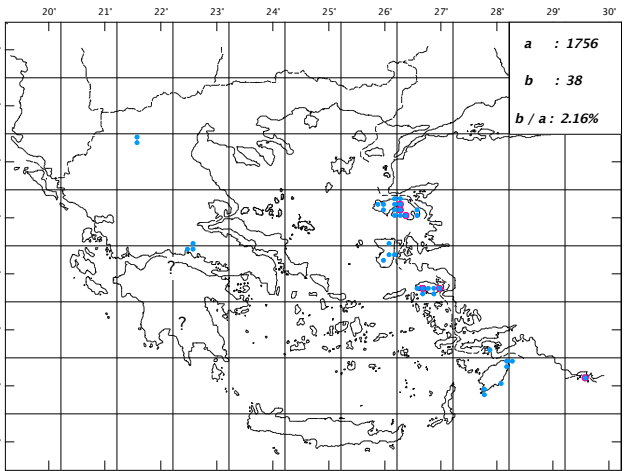


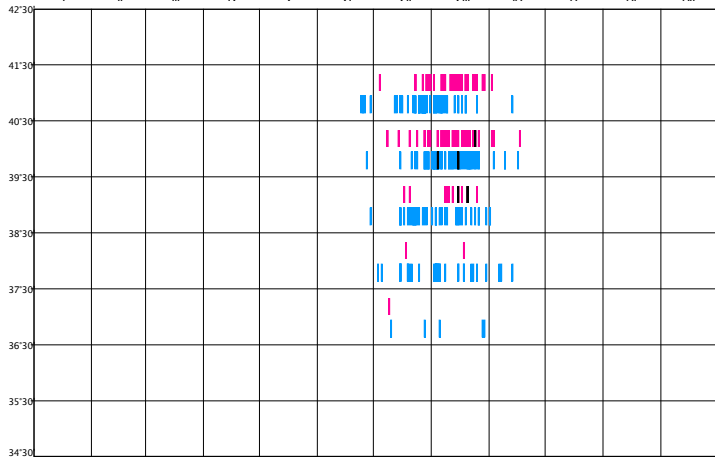
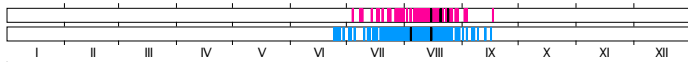
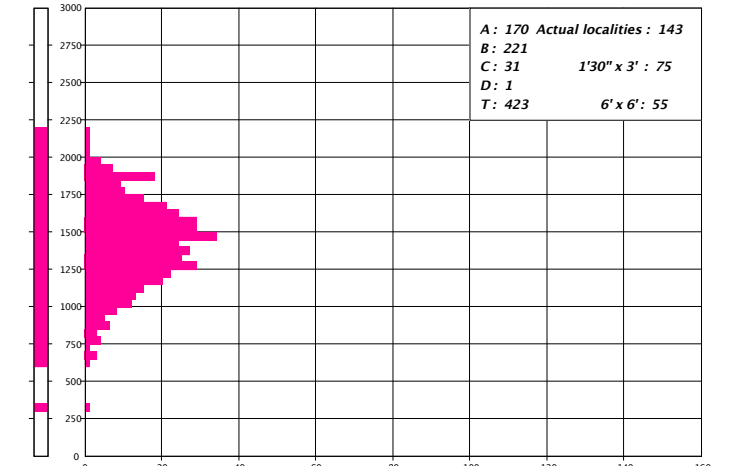
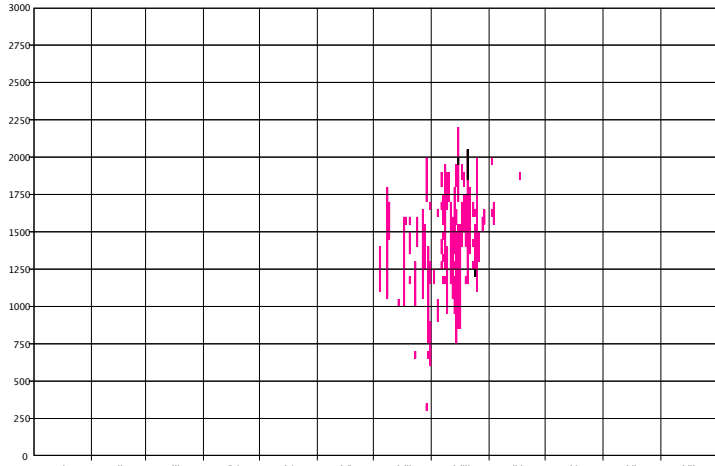
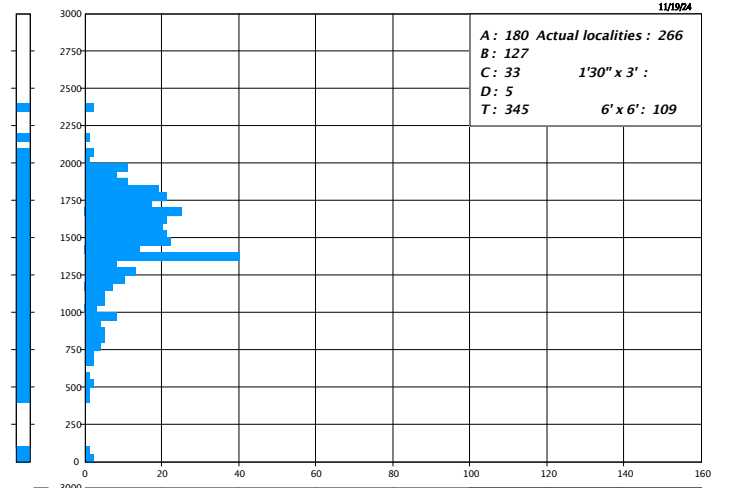
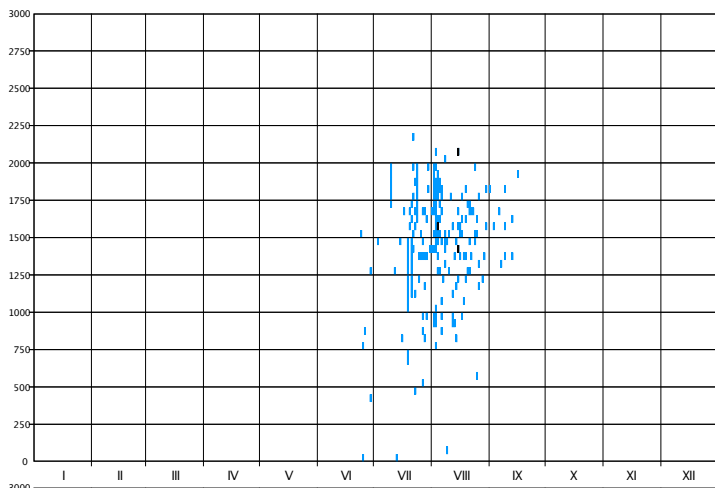




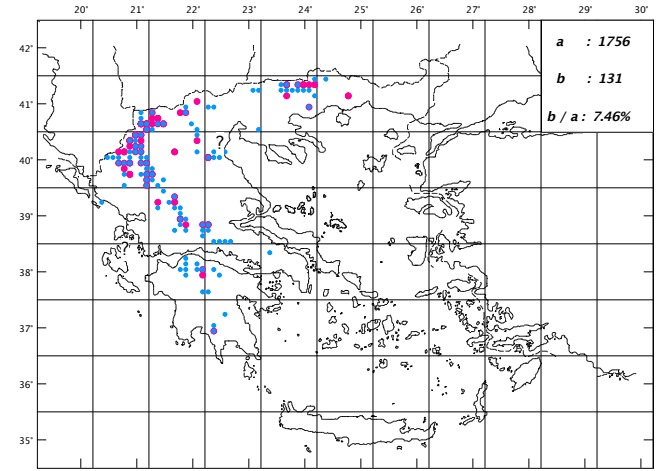


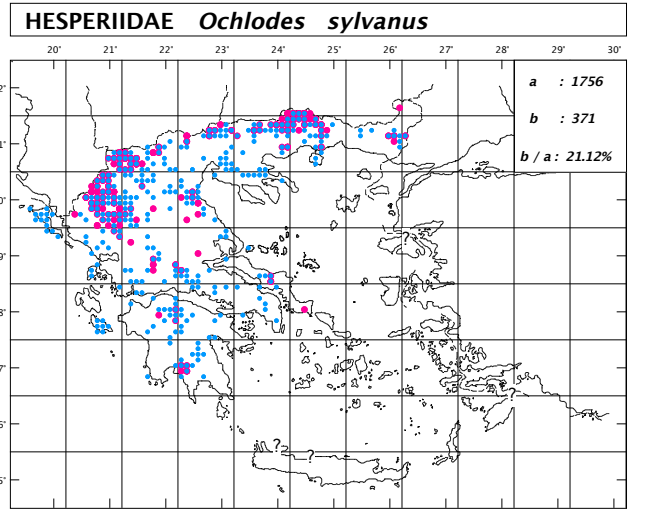
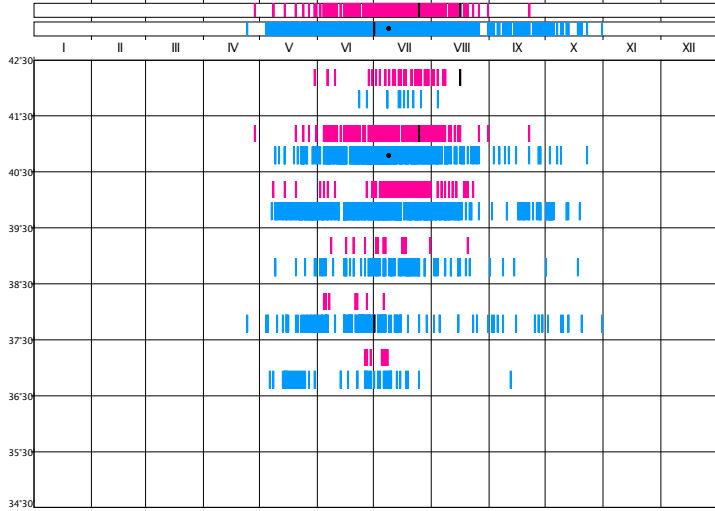
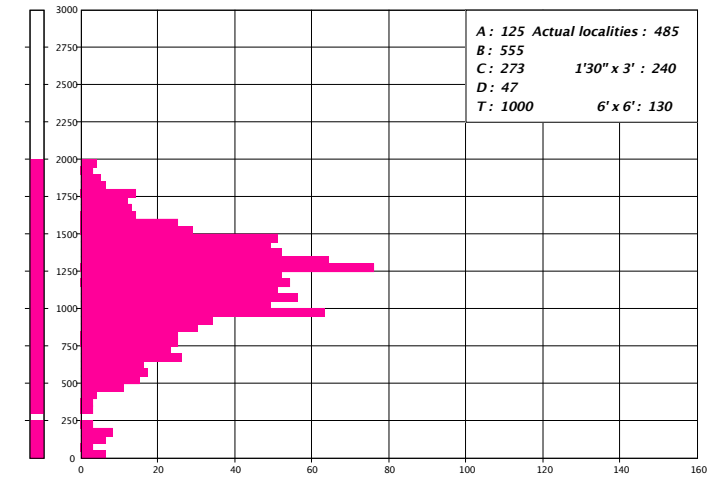
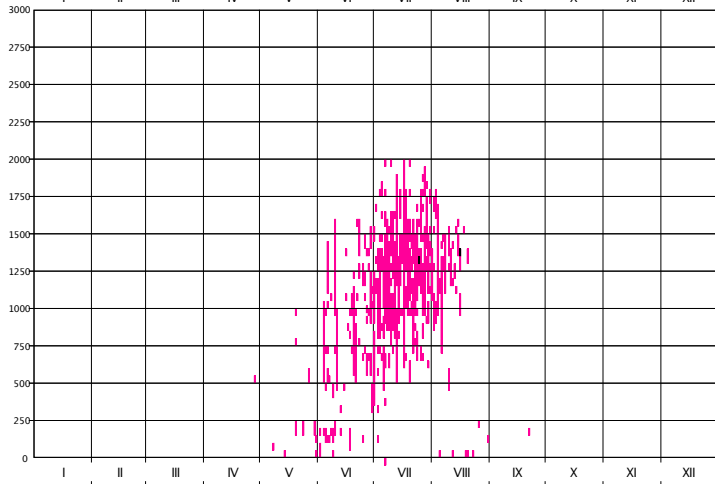
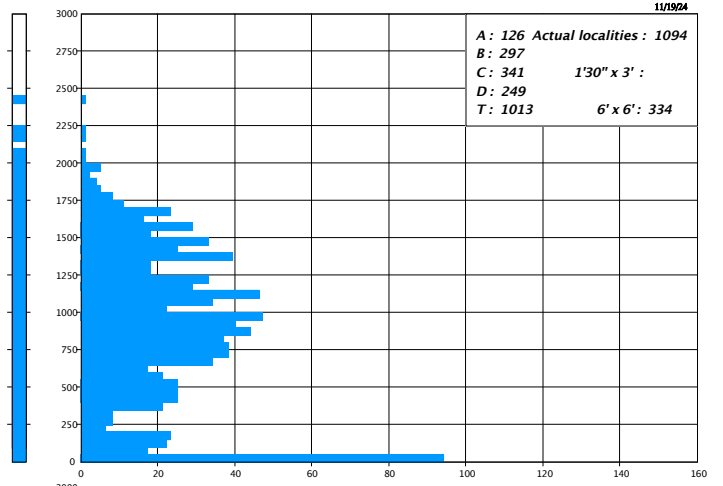
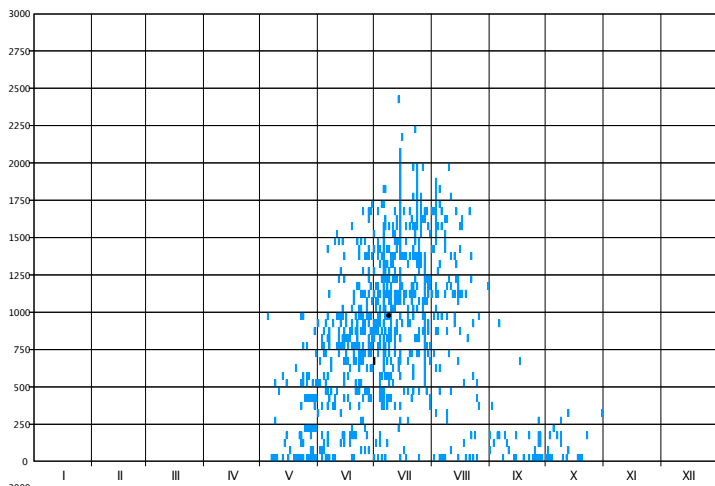
HESPERIIDAE *Thymelicus hyrax*

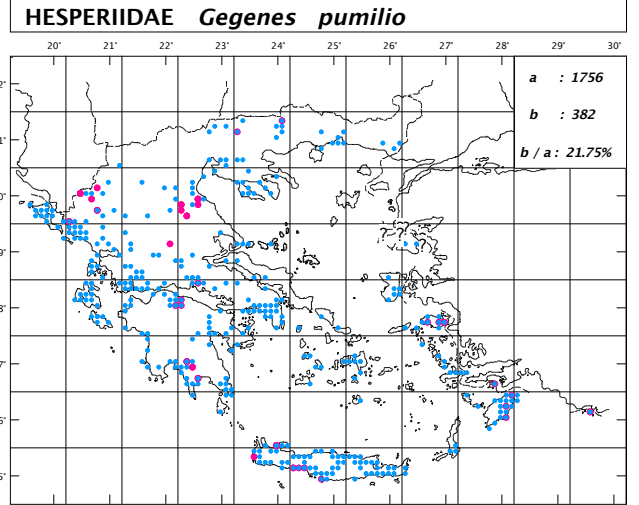
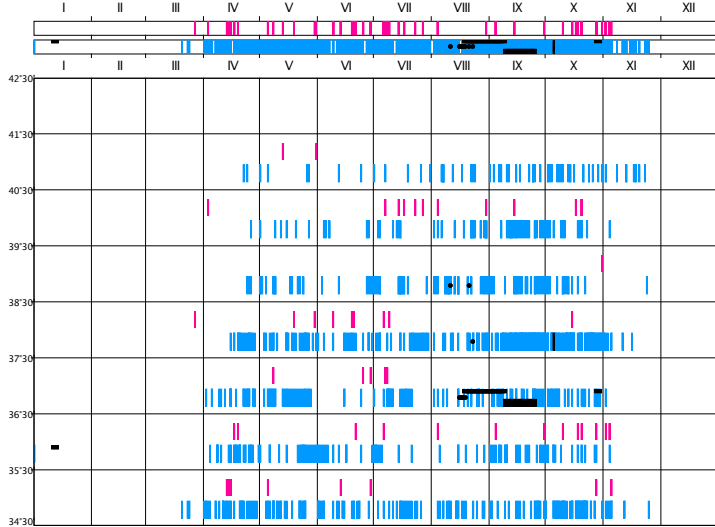
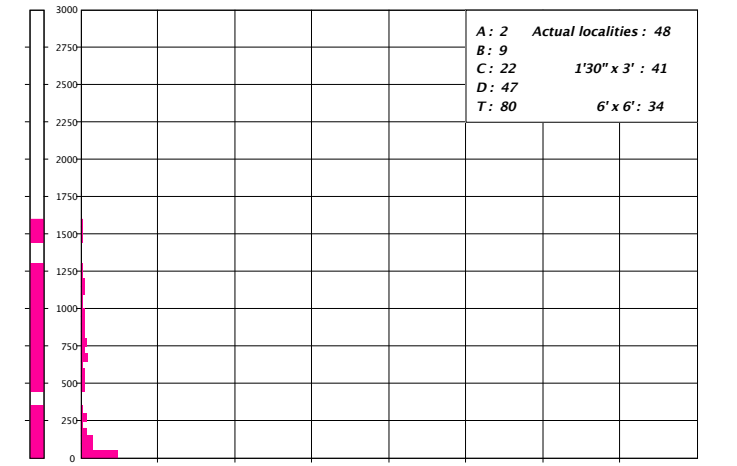
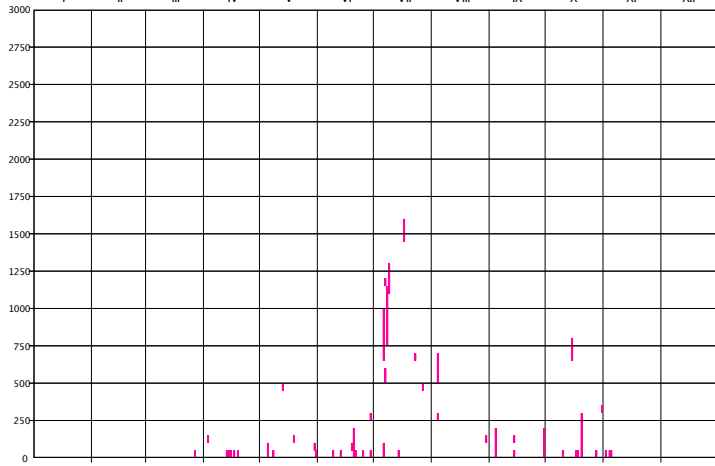
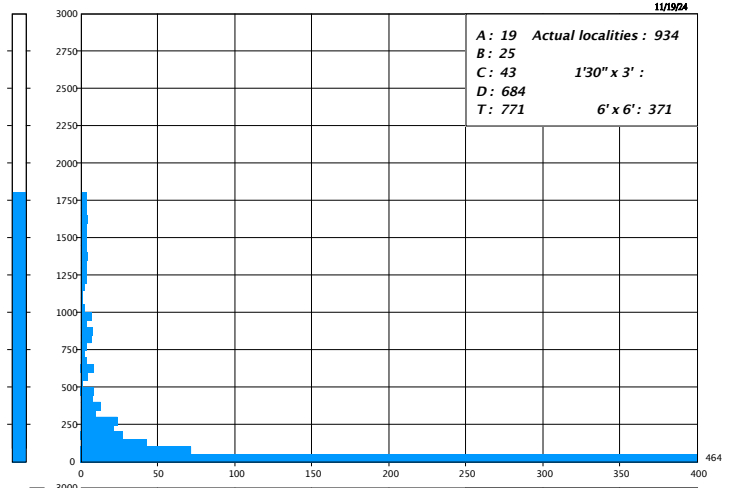
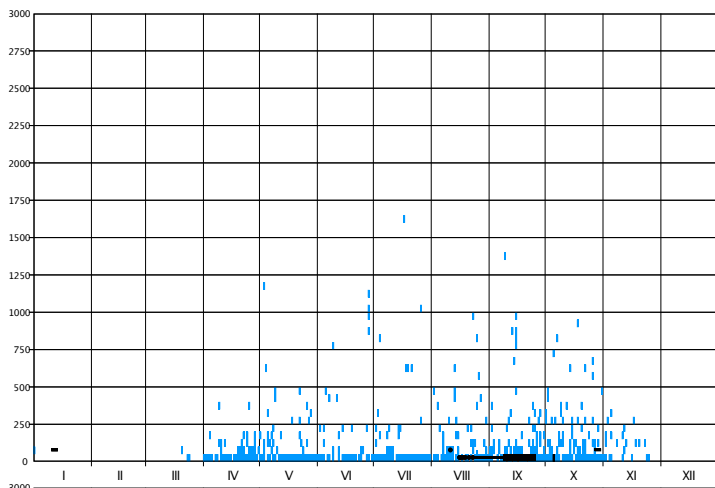


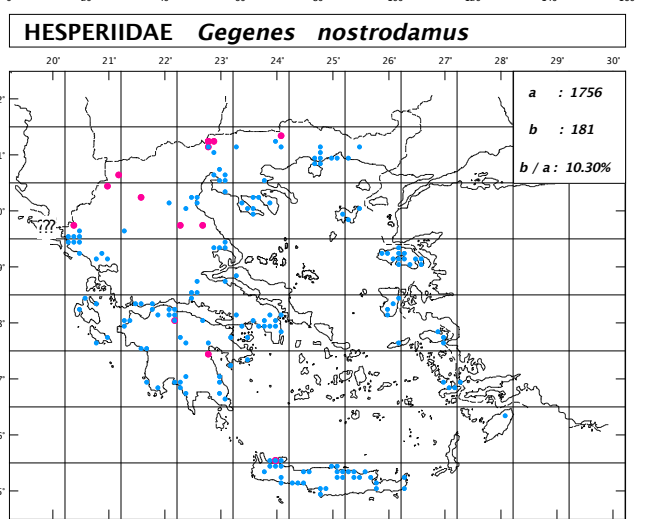
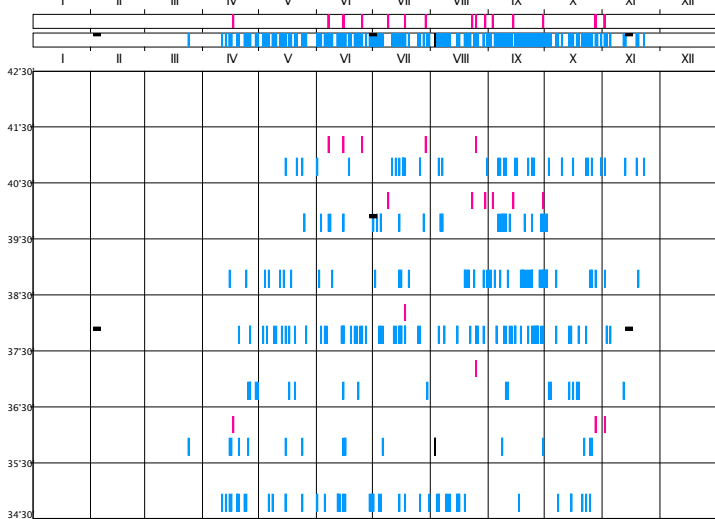
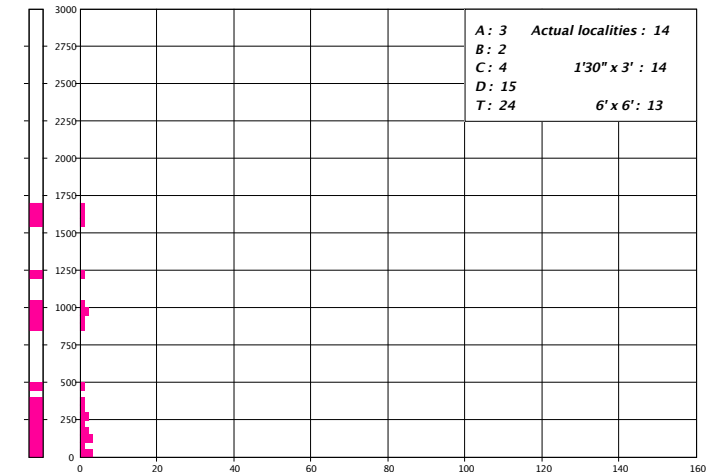
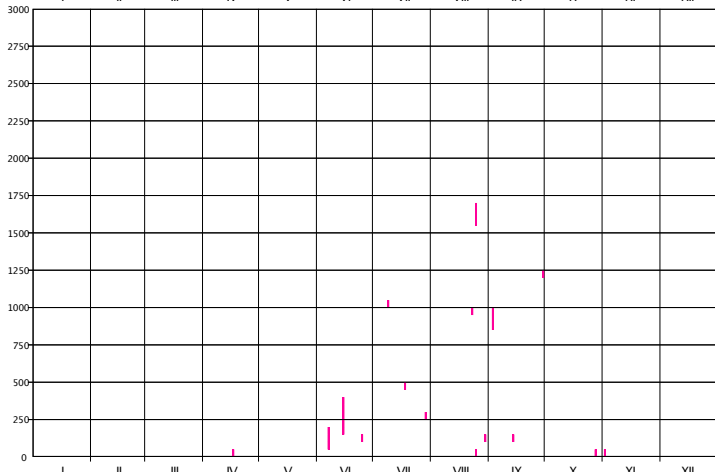
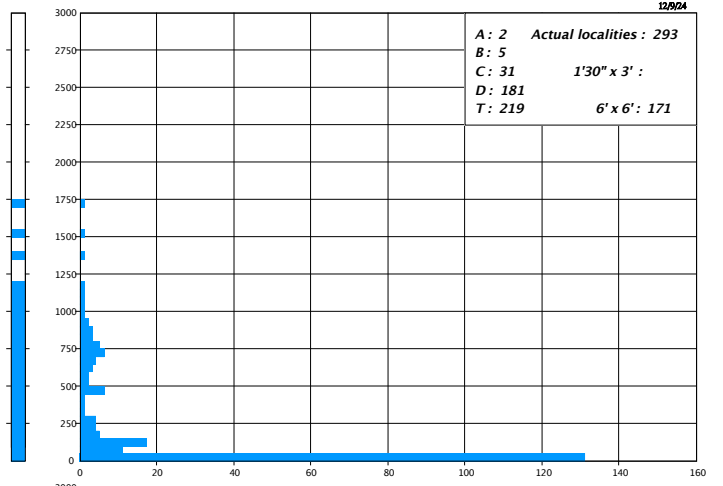
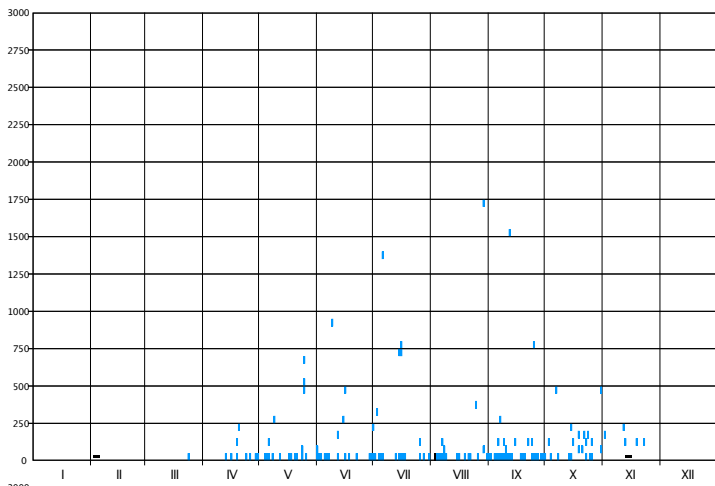


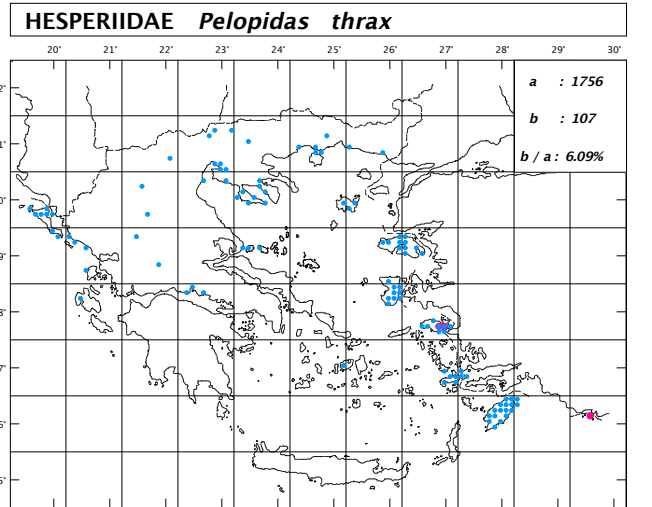
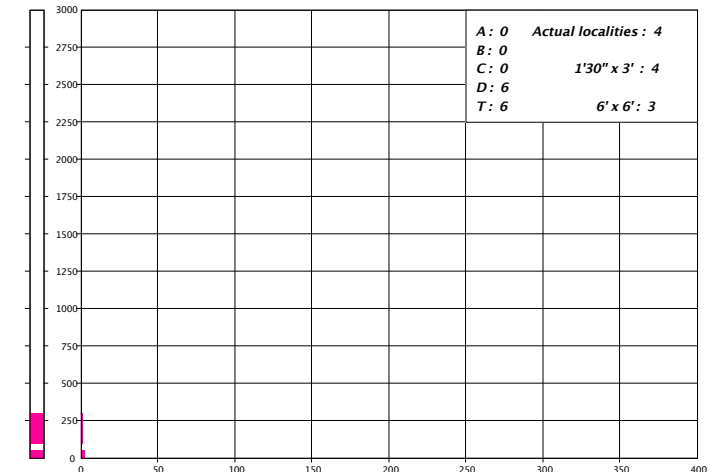
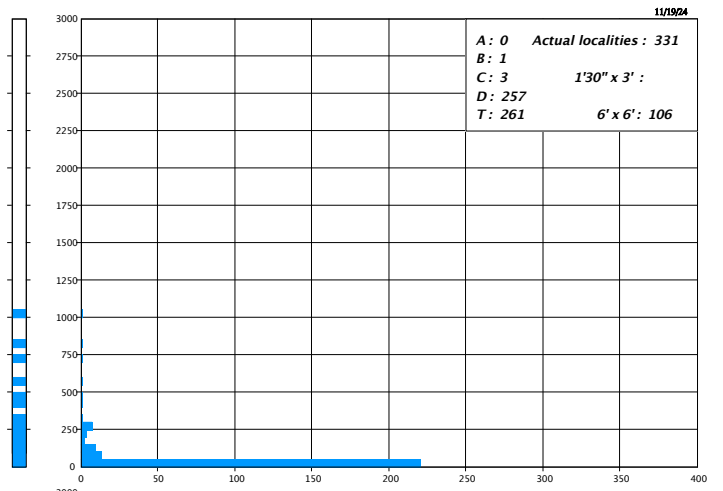
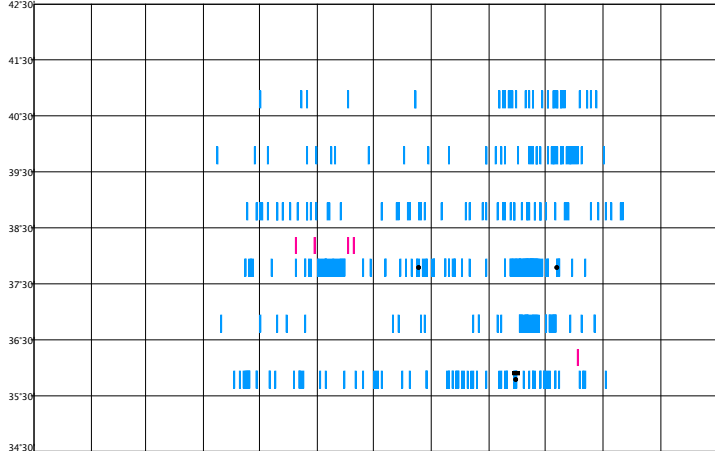
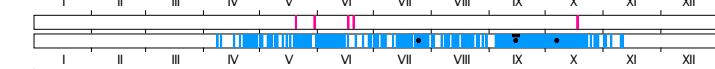
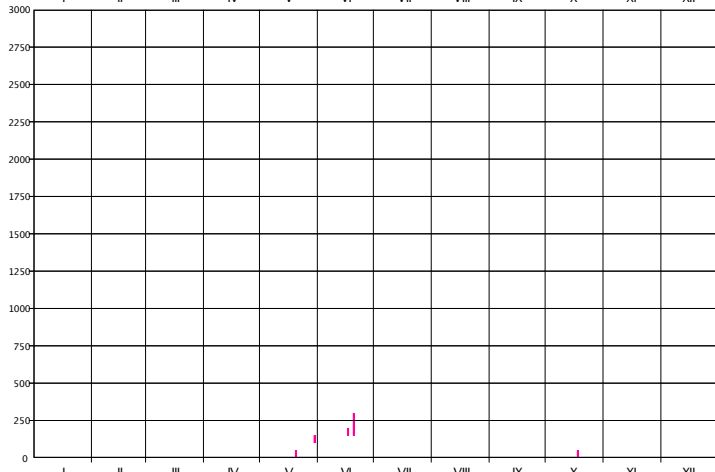
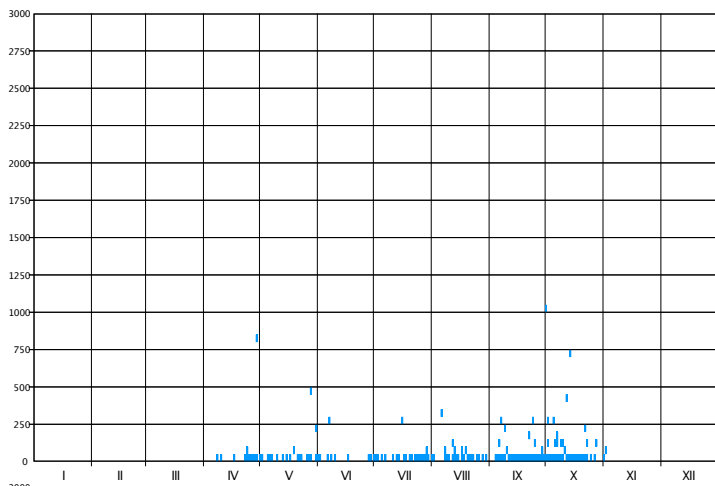
HESPERIIDAE *Hesperia comma*

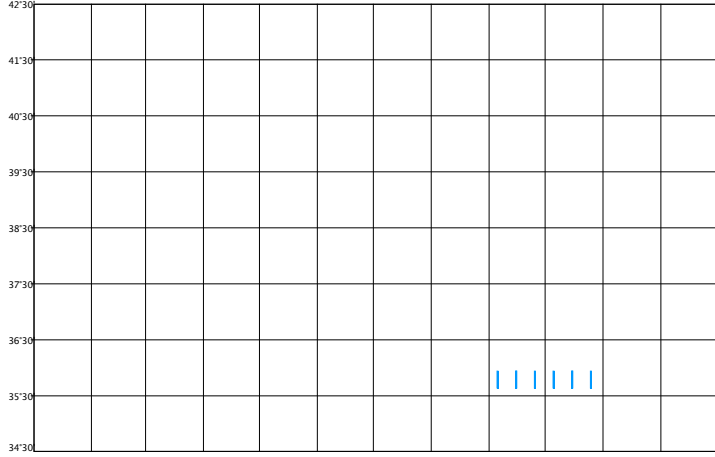
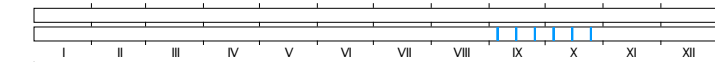
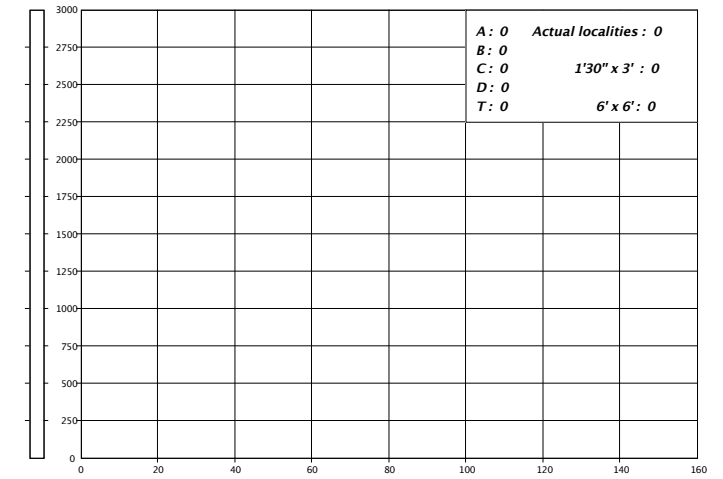
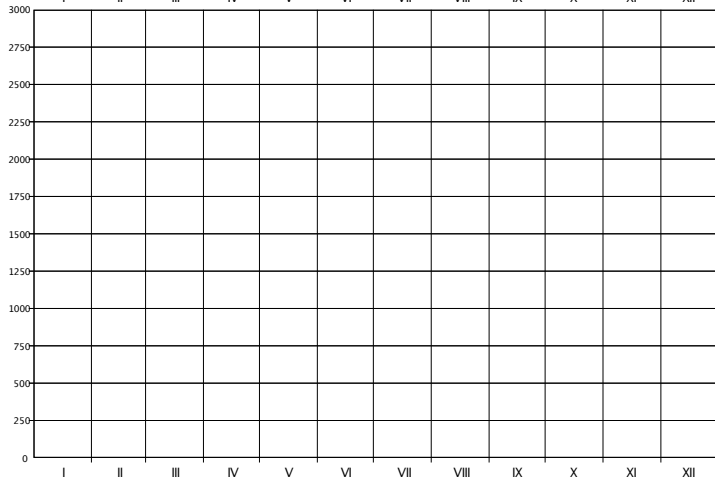
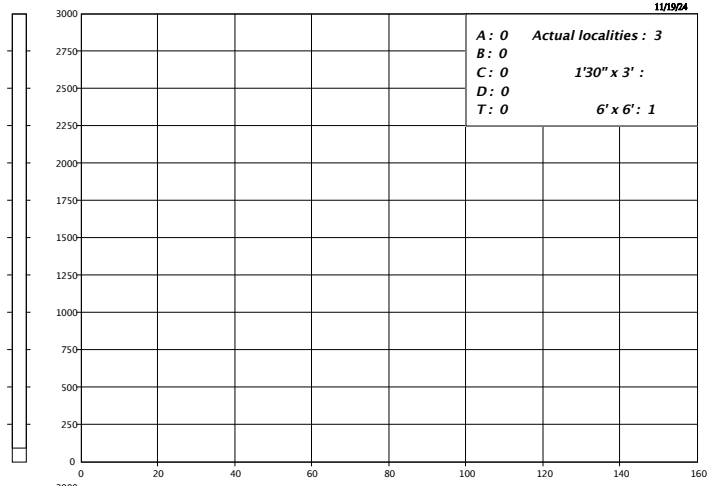
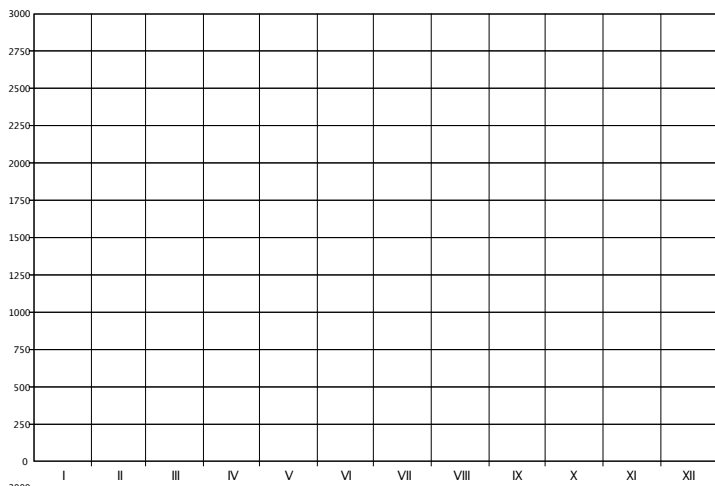












NYMPHALIDAE *Thaleropsis ionia*

