

RHODIAN MONTHS

688

File  
ASCSA

Murray

FABRICANT RHODIAN TYPES COMBINING FABRICANT WITH EPONYM COMPANION TYPES  
(with omission of those dating before month was named)

<u>FABRICANT</u>	<u>DEVICE</u>	<u>EPONYM</u>	<u>MONTH</u>	<u>SHAPE ETC. OF STAMP</u>
✓ VII AGATHOBOULOS		(many) ΒΑΣ(επ.)	APT.	
✓ IV AGATHOKLHΣ		II APXOKPA(THΣ)	YAK.	
✓ II AGHΣIAAΣ		II ΘAPΣIΠOΛIΣ		retr.
II "		II ΠAYZA(MIAY)		
✓ II ΠAIHEAY	rose	II APXOKPATHΣ(ep.)	(YAK.)	O, retr.
✓ III ANTIGONOS	rose	III IEPΩN	(ΣMI.)	O
"	rose	III KPA TI ΔAY	(ΣMI.)	O
"	rose (above)	"	(YAK.)	O
✓ APICT[		II ΠAYZANIAΣ		
✓ II AΣKΛANIΔAY		II ΘEYΦANHΣ(ep.)		retr.
✓ II ΔOKIMOS		II APXOKPA(THΣ)		
✓ II EΠIΓONOS		II EYΦP(	) B	
		II EEHOS(		
		II ΣIMY(		
✓ EPMAIOS		✓ V AIΣXINAY	PAN.	
"		✓ X-VI (many)		some retr.
✓ II ZHNON	monogram	II EYKΛHΣ	(MHN.)	O
✓ III IAYON	rose	III KALLIKPATIΔAY	(APT.)	O
"	rose	"	(ΣMI.)	O, retr.
✓ VI-VII KΛHNΩ		VI-VII IEPOKA(HΣ)		
✓ KOTHΣ		MEΛANTAY		retr.
✓ AYZANIAΣ		II ΠOΛYAPATHΣ		
✓ MEΓICTIΩN		VI KAEYΔIKOΣ		O?
✓ VI-VII MENANΔPOΣ		VI-VII (many)		
✓ MHNOΔEPPOΣ		VII ΔAMATPIOΣ		
✓ II MOPIXOΣ	Helios with quadriga	(ca. 215) IEP.EYKPATIΔAY		O
✓ ΠAYZANIAΣ		EINI[		O, retr.



<u>fabricant</u>	<u>device</u>	<u>eponym</u>	<u>month</u>	<u>shape etc. of stamp</u>
VI, ΠΑΟΥΤΟΣ		VI ΝΙΚΟΤΙΜΟΣ	ΑΓΡ.	
II-VI. ΠΟΤΑΜΟΚΛΗΣ		IIa ΕΞΗΑΡΕΤΟΣ		
VI-III ΣΤΑΧΥΣ		ΜΗΝΟΓΕΝΗΣ (ep.)	ΑΡΤ.	
"		" ep.?	ΥΑΚ.	
VI ΣΤΕΦΑΝΟΣ		(VI) ΑΡΙΣΤΟΜΑΧΟΣ		retr.
"		VI ΑΡΧΕΜΒΡΟΤΟΣ		
VI ΣΤΥΡΑΕ		VI ΛΥΚΕΝ	(no month)	
VI ΦΙΛΙΠΠΟΣ		VI ΗΡΑΚΛΕΙΤΟΣ	ΑΡΤ.	



4.IX.58

The die of a Rhodian stamp, of which impressions exist on handles in Alexandria (Benachi collection) and in the Archaeological Museum of Jerusalem, Israel (no.58.19), seems to have been revised from

(a) ΘΗΛΙΑΝΑΞΑΝΑΡΟΥ ΑΓΓΙΑΝΙΟΥ to (b) ΘΗΛΙΑΞΑΓΟΡΑ ΥΑΚΙΝΘΙΟΥ

An impression probably of the first state (a) of the die has been identified in the Benachi collection. <sup>if we are right in this identification,</sup> ~~in that case,~~ we have to do not with a correction made in the course of manufacture of the die, but alteration of the finished die.

The most likely explanation of the evidence seems to be that ΘΗΛΙΑΞΑΓΟΡΑ succeeded ΘΗΛΙΑΝΑΞΑΝΑΡΟΥ, and that ΥΑΚΙΝΘΙΟΥ, following ΑΓΓΙΑΝΙΟΥ as per Nilsson's Rhodian calendar (N. p.132; cf. Hiller, P-W Rhodos, p.744), was the first month of the (or a) Rhodian official year. I think that the beginning of the Rhodian year has not been established, cf. Nilsson, p.134, note 1.

Benjamin  
London (Israel)  
Benachi  
P. Fraser

and filed in  
Rhodian Notes  
Israel, Jerusalem  
Dies  
months

31.VII.59

On order of months, see Annuario 4-5, p.232,  
various dates in term of 'Αρξίως

Sequence of moult

For Nilsson's idea, see <sup>Tinbergen</sup> Linder's publ., p. 132?

Börner has made a different sequence in a rather recent article, for which I don't immediately find references.



Months in separate stamps

In the interests of isolating spongers in whose  
honors months are more named, got AD to take  
all the ~~same~~ month-alone types out of the file, and  
then sort them as well as possible by fabricant.

Leaf-shaped stamps:

Evidently all of ΕΠΙΧΟΡΟΣ:

Ἀρτεμίδ(

Ἀδρι(

Διοσβίου

Παρα(

3 exp., all SS (on p. Yield. of 20/MB (L. 314)

" " EM, ABC, Geger.

N. 438, 1

Geger (2 exp.)

5.01

August 15, 1978

Tel Anafa stamped amphora handles of 1978 season

1. Rubbing of this came late, was not available when Andreas Dimoulinis was making the readings of this group, and I do not at present identify it, except to say that it looks late Rhodian, late 2nd or early 1st B.C.

of a person

2. No name is preserved with this month name, ΒΑΑΡΟΜΙΟΖ, in this impression. Andreas has made the reading as though a name was missing above, but this is not sure from the rubbing. There exist a few month-alone types which were paired on an amphora with stamps combining eponym and fabricant. The lettering here looks rather late, say late 2nd.



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Months in separate stamps

In the interests of isolating spongers in whose towns months are more named, got AD to take all the ~~same~~ month-along types out of the file, and then sort them as well as possible by fabricant.

Leaf-shaped stamps:

Evidently all of Επιφανος:

Ἀρσενίου

Δαδίου

Διοσδορίου

Παυλίου

Υακίου

Υακίου/Παυλίου επιφανος

3 exp., all SS (on fr. <sup>Yield of 20/11/63 (LH 3rd)</sup>)

" " EM, ABC, Geger.

N. 438, 1

Geger (2 exp.)

1 SS, 1 ABC

SS 10679

Round stamps

of Ζήνων? + monogram

Μηνός <sup>⊗</sup> Ἀρσενίου in O w. mon. ΠΑ?

Note there is a <sup>⊙</sup> type of Ζήνων in term of Πιδωρ(ί)α which names ~~no~~ no month, but in this term months should be named app'ly. It is not a close match, ⊙ instead of ⊗. Monogram v. different. In fact, fab.-sp. type not est.

⊙ See separate list of 1.II.63 of type in which word ΜΗΝΟΣ (gen.) or ΜΗΝ appears. (From cards got out by AD.)

of perhaps Ἀρσενίου (early)? + rose, but we have no type with sp.  
Βαδρονίου <sub>ροση</sub> — ⊙ (ABC III.61)



(Pound stamps)

of Μοίριχος, w. quadrige of Helios, in turn of  
'Αγριαίου  
'Αρταμυτίου } Εὐκρατίδας

of Αἰνέας with rose in turn of 'Αρροκράτης<sup>(MSBF)</sup><sub>3 ex.</sub>  
'Υακίνθιος (2 ex.) (MSBF)

(in both types of pair, legend, but not letters, retr.)

of 'Αντίγονος w. rose in turn of 'Ιέρων  
Κρατίδας

'Α. in turn of Κρατίδας (SS 4018, etc.) } rose  
'Υακίνθιος (SS 1979 etc.) } above

Ἐπιφάνιος  
'Α. in turn of Κρατίδας (ABC ltr 64, 2.Π. 59) }  
Ἐπιφάνιος & " " 33, 11.7.58 } rose below

'Α. in turn of 'Ιέρων (SS 10831, etc.) } rose below  
Ἐπιφάνιος? (Co 396, etc.) } (the similarity here is less striking)

rose below, and similarly v. similar dies



(Round stamps)

of ἰάσων w. nose in term of Καδδερποτίδος

one retr. type, Horn 12, 223 etc. (ABC; nose indicated)

one forward " ABC, 30. III. 60 (Kaddepo)

Ξπίρθιος (SS 196 etc.) may go with  
forward type of ἰάσων: note form of Ξ and  
surface of the 2 stamps.

We have now used up nose types w. mouth down

collected by A Δ ⊗ and there is nothing left for

the retr. type above. † maybe some of the

retr. ? (Καδδερποτίδος? type, Ⓞ) which we have

no illustr. ?

⊗ Only left ones are 2 not illustrated:

1.) Δ.ἰάσων (Gyge, Macalister no. 181)

2.) Γακίρθιος (Horn. 34, 870)

## Rectangular stamps

5.11.63

Decided no time to try & figure them out.

Some which seemed fairly clear have been  
marked with names in parentheses. All early  
possibilities have been saved out. For the rest,  
there is to be 1.) a list of combined ep. - /ab.  
types, alphabetical 2.) a separate file of  
all mouth-down types together, at beginning  
of MONTIUS file. (Not to be refilled with various mouthless.)

9.11.63  
† I see there is one  
more nose type, which is  
retr. but with nose above;  
ABG 1956-57, no name  
but ETH KE.  
Note this important  
type.



So far as really early month-alone handles go, which might indicate months were named with epoungus not otherwise recorded with them, I find only <sup>(X)</sup> the handle for Rhodes: MΞ R 91, naming month ΠΕΤΑ on a broad (045 x 020)

short-topped handle of reddish clay with dark bits. (See pl. 415.15. There may be others not recognized because known only in rubbings by others. But now seems highly unlikely there is any number of early ones, or that ~~distinct~~ <sup>lists of</sup> but eps. named with month and those not so named would be much changed by better acquaintance with month-alone types.

This MΞ R 91 does look early, but not earlier than e.g. the Ζηρως - Σεξάριος neck at the Agora or the Δαριόκκος - Εὐκλῆς one.

Further study will be needed to see whether say <sup>Αἰτρουδῶτος</sup> Εὐκλῆς, <sup>Μεδοκράτης</sup> Σεξάριος, <sup>Φιλοκράτης</sup> Φιλοκράτης are the names of single early epoungus in whose terms months were sometimes named, or whether there were in each case 1) a pre-month ep. <sup>plus 2)</sup> a very early post-month ep. <sup>These are all known in pairs without months.</sup>

19.F.63 (X) See possibly ABC M 309, M 537, <sup>Pl. 558.9 (M 309)</sup> and Δαδι. These, or the Rhodes month handle, might go e.g. with types of Ποταμοκλῆς and in some of W. Ξεράπτος



## On intercalary years

I asked Colin Edmonson, just now, in effect whether one could assume any pattern in the years when such intercalary months were inserted, e.g., would it be every 4 years, like Leap Year, or at any regular interval. He said, this is at the heart of the great calendar controversy. But apparently one does not know, and cannot assume, any pattern, not even, e.g., that an 8 intercalary year would not follow another one. They might just put in such a month to make a festival come right (or soon such); that is, it might be ad hoc, and not programmed ahead.

Need to make some such statement in the Plinius article,

5.11.83

When Emperor was here, 1.11.11, he had assembled another series of names based on the assumption that intercalary years come every 4<sup>th</sup> year (I think) in Plinius. [I showed him the above]



[6.02]

## INTERCALAR YEARS (ATHENIAN)

III.61  
M.P. Wallace  
font and  
copy.

The civil year was supposed to begin as nearly as possible to the first new moon after the summer solstice; and the difference between the lunar twelve month and the solar revolution was provided for by a cycle of eight years, in the first, third, and sixth of which additional months were intercalated. The ordinary year consisted of 354, the intercalated of 384 days. Cleisthenes, taking 360 as the number of days in an official year, he was obliged to intercalate, but not so often. He adopted a cycle of five years, and once in the cycle an intercalary month of 30 days was introduced. But this month was not always inserted in the same year of the cycle. The extraordinary official month was intercalated in the first year of the official cycle that coincided with an intercalary year in the civil cycle. The new institution of C. began to work in 502-3 BC the first year of the octennial cycle. The first Cleisthenic year began on the 1st of Hecatombaion the first month of the civil calendar: it would not begin again on that day until 40 years hence.

[Bury - Meigs, *Hist. Agnes*, ca. p. 213-5] Font and copy Wallace



\* These names shd be studied, and their cards filled out more completely.  
 Note number of type - esp. w. P. S.  
 Afterwards, mark this list with period date.

Rhodian eponyms with month. Pan. Acuzepos

Ἀγέμαχος III	Λαφείδης
Ἀγέστρατος	Νικαβαχόρας
Ἀγνείππος	Μαυβανίας (3) IV
Ἀθανόδοτος III	Μειδίετρατος
Ἀϊννοίδαμος III	Πρατοφάνης
Ἀνάξανδρος IV or V	Πυθογένης IV
Ἀριστογέννης V	Σώδαμος II
Ἀριστόδαμος	Τειδαμενός V
<del>Ἀριστόμαχος ?</del>	Τιμούροδος IV <span style="margin-left: 20px;">← Τυμοκλ ? (SS 14347)</span>
Ἀριστομένης	Χαρμονκλῆς
Ἄρμιοίλας	
Ἄρχεμβροτος	
Ἄρχιβιος	
Ἀρχιλαΐδας	
Δαμιόθεμις	
Δορκυλίδας III	← Δαμάς ?
Εὐάνωρ	
<del>Εὐδαμος ?</del>	
Θαρβίπολις	
Θέρβανέρος V	
Ψέρων (1) V or VI	
Καλλικράτης	
Κλέαρχος	
Κλευκράτης (1), III	
Κλεώνυμος	
Κρατίδας	

5. I. 63

36 names certainly seems few, for the whole series, which must have extended for ca 285 BC for at least 200 years. Perhaps some homonyms are bona intercalary.



§	#	ὄνομα	
8	11	Ἀγέμαχος	sp.
19	9, 10, 11	Ἀγοραῖος	
25	16	Ἀθανόδοτος	sp.
170	14	Δάμων	[8'] sp.
183	8	Δορυκίδας	sp.
263	25	Καλλικράτης	sp.
282	8	Κρατίδας	sp.
283	9	Κρέων	
298	15	Μαρβύας	
315	7	Μινυδός	
352	25, 26	Παυσαίνιος	sp.

Πάριμος Δεύτερος 7.02  
 8 April 49  
 Names occurring with interesting  
 par. Jew.  
 month in London catalogue.  
 Listed by Andrieu. Note N, p. 127,  
 en. note in last 14 with this month.

§	6edis	ὄνομα	
248	110	Σώδαμος	
53	4	Ἀναξάνδρος	
109	6	Ἀρχιδαΐδας	
268	13	Νικαγαγόρας	
343	17	Πυδοχένης	
652	27	Θεύδωρος	
813	32	Παυσαίνιος	
49	134	Κλευκράτης	

Επι Παυσαίνιος 2  
 Επι Θέρωνος rose  
 Επι Πυδοχένης rose

Dumont  
 Archives des missions scientifiques  
 Prisdela  
 v. 9. Alexandria

Ἀγέμαχος		Ξενοκράτης
Ἀναξάνδρος 3,		Πυδοχένης 2,
Ἀριστόδαμος 2,		
Ἀρχιβίος		
Ἀρχιδαΐδας		
Θαρβίωδης		
Κρέων		
Καλλικράτης		
Κλευκράτης		
Κρατίδας		
Νικαγαγόρας 3,		(over)

KLIO 1926  
 Beiträge sur alten Geschichte  
 From 4764<sup>ph.</sup> handles found  
 in Santa Russia.



4. IV. 51

7.03

Busseli 28. VI. 50, no. 206. has

ΕΠΙΛΗ-  
ΕΝΕΥ  
ΠΑΝΑΜΟΥΒ

Αριστοτέλους

g. TD 2528

2541407

Blot  
month

Benach 23/5/46

lists with figures  
for his collection



Rhodi 3

Put in alteration in  
month (y. epom. stamp  
of fin of Polyarctos in  
Alexander)

STUDIES MONTHS

Rose types with Flav. Δ 20.

(in connection with reading of Parg. AS 245)

Taken from month file, Mrs. Forbes turning up rose types:

Normal

Ἀγρίμαχος ① III

Ἀθανόφοτος ① III

Ἀργαίδαμος ① III

"rose above"

Ἰερ. Ἀναξάνδρος ① IV or V

Ἀριστογένης ① V

(Ἀγρίμαχος? (gym))

? → Ἰερ. Ἀστυγένης ①

Δορκυδαίος ① IIIa

Θέρωνδρος ① V

Ἰέρων I ① V or VI

Καδικρότης ① (in stone?)

Κλερκράτης I ①, ① III

Νικαρχός ① (to be studied) Νικαρχός ① ① (2)

Παυσανίας<sup>3</sup> ① IV

Πυθαγόρης ① IV

Σώδαμος ① II

Τεσσαμένος ① V

Τιμοκράδης ① IIIa

Τιμοφρόδος ① IV



RHODIAN - MONTHS

American School of Classical Studies  
54 Swedias St.  
Athens, 140 Greece

August 27, 1982

Professor Christoph Börker  
Institut für Altertumskunde  
Klassische Archäologie  
Kochstr. 4  
D-8520 Erlangen  
Germany

Dear Professor Börker,

Arriving finally at some study of your article on the Rhodian Calendar, I remember that we have records, including some good photos, of a few Rhodian stamps from reworked dies, which would perhaps have relevance to your studies, since they show sequences of months as well as eponym's names. This is material I have long intended to prepare for publication, but now I would be glad to have you do it.

Would you be interested, and would it be possible before long for you to make even a short trip to Athens? Perhaps for the epigraphical congress next October?

With very best wishes to you and your family,

Yours sincerely,

(he came)

Virginia R. Grace

Rest of this correspondence?

See COLLECTIONS: BERLIN

VRG/ez

(when most of corresp. with Börker is)



Plutarch months expressed as monogram

In Deles 27, E 43 comment.

P. M. Fraser had remarked that he had an abbreviation  $\Delta a$  in a papyrus that he was ~~trying~~ explaining as  $\Delta \alpha \rho \omega \sigma \iota \alpha \varsigma$ ; I forgot in what connection he brought this up, but I said, sometimes  $\Delta$  seems to be  $\Delta \alpha \delta \iota \omega \varsigma$ .

Today he came to the EA and showed me the papyrus publ. (by John Date, in the J. of Eg. Arch. I think) in which there is something like  $\Delta \varepsilon$  which the author renders  $\Delta E$  (without interpretation) a but Prof. thought the  $\Delta a$  should be put together with the  $\Delta \varepsilon$ , purpose being to identify the person ~~named~~ whose name follows these letters (as a public slave I think he meant).

I showed him the series of <sup>originals</sup> ~~types~~ referred to under E 43. These <sup>master cards</sup> are filed some under "monogram" & some under "letters" in the Plutarch division file. Very clear is  $\Delta$  for  $\gamma \alpha \kappa$ , ~~and~~ (under "monogram") and almost as clear is  $\Delta$  for  $\Delta a(\alpha \omega \varsigma)$ , under "letters". Of this latter seem to be only one sp., TD 199, publ. in 452.30 as I found some prints of 452.30, I gave him one (NIKO 1961)



write the proposals to illustrate, with  
Aman's permission. He was 50/50  
persuaded that the papyrus referred to the  
month, but I think more persuaded  
that the stamps refer to the months.

For the papyrus, you would then  
read  $\Delta$ (days)  $\epsilon$  (i.e. 5 to day), it can  
more or less fit into the context — anyhow  
I think better than  $\Delta$ (papyrus) in this  
case.

Νότιο ~~Ανατολικά~~ Ανατολικά

Μηνογραφή [?]

ε(Υακινθίου)

Απλοτο

] Η Σ Ι Ο Σ

A | Ε Ι Ο Υ

X

©



x.66  
Was it in 1958, working on E  
early circles, that it became clear  
that early Ptolemy is ground  
did not use months?

begin

Start of naming months  
and omission still in later 3rd C.

See EARLY PTOLEMAN p. 11. 1) Some notes in  
them on early circles with the device. 2) An  
alphabetical list of sp. s who apparently precede  
naming of months. [Notes of 1958, list of 6. II. 65]

Efforts to distinguish circles shortly before months  
are named; esp. in terms of  $\phi$ ,  $\delta$ ,  $\rho$ ,  $\sigma$ ,  $\tau$ .  
Types with symbol for Helios are distinguished by  
various dashes, etc., obvious distinguishing marks.  
15. II. 63 also with a couple of other sp. names, e.g.  
 $\Delta$   $\gamma$   $\mu$   $\nu$ .

15. II. 63

Some of earliest <sup>(probably)</sup> spongers with whose months were  
named:

see Hep.  
1963, p. 324  
note 12  
(Kosmi  
SAD)

- $\text{Εϋκλῆς}$  named in side stamp with bottom type
- $\text{Καδδικράτης I}$  "
- $\text{Πασσαριος I}$  "
- $\text{Τιμοκρίδας}$  "

word month appears in one type  
prob. of  $\text{Ἀρσινόης}$  sp.  $\text{Εϋκλῆς}$ .  
(pair of types w. margin)

word month appears in one type  
of  $\text{Ἀρσινόης}$ , prob. ref.  $\text{Πασσαριος}$ .  
(pair of types with star in O.)

19. II. 63

$\text{Ἐυάριος}$  see his pair

24. II. 64

$\text{Ἀγλακίριος}$ , contemp. of K. I and Π. I, see

Hep. 1963, p. 326, note 16-

OVER



22.VI.68

See also (see below) Delos 27, ch. 14, Rhod. introd.,  
ms. pp. 13(2) ff., on start of naming month.

Somewhat later (?) change in Roman month  
seems sometimes to have been omitted: 'Agrosidas.  
See the top of jar Rhod. MS 459, a.) 'Agrosid (?)  
and b.) 'Egnatios. As yet no photo.  
of this object, and no descr. of its shape, and  
the sp. type is not fully read; no prep., angle  
(month card is out of place, and a substitute is  
being installed.)

24.VI.71

Working on Kyren publications (for Gredes), I  
realize that there are quite a few known pairs  
of late 3rd in which no month:

- a.) 8 jars of Δίσκος sp. Ἐνοπέριος y. Delos 27  
P. 293 v. nr 2  
(These are jars of D. sp. "   
that do have month)
- b.) jar of Φίδων, sp. Καλιόμορος (= Paphos)
- c.) pairs of lips of Αἰνίος Ἐξατυπίαρος  
as guessed by similarity (with Ἐνοπέριος = Δίσκος)

d.) There is a series of pairs - mostly - which  
seem to belong together, but I hesitate because  
of lack of month

e.g. Ἐαυτίδας - (sp.) Ἐνοπέριος

Μυροδάρος - (sp.) Ἀστυγιάρος

" " (a.) Μυροδάρος  
sp. sp. Ἐνοπέριος



List of types in which word marks  
(MEIE or MHADE) appears;  
(could get out by AD)

- |      |                                |                     |                                 |              |
|------|--------------------------------|---------------------|---------------------------------|--------------|
| 1.)  |                                | IEP. ΑΘΗΝΑΙΩΝΑΣ     | MEIE ΔΑΔ                        | □            |
| 2.)  | ΑΡΙΣΤΟ [                       | divi?               | ΜΥΡΟΣ ΕΥΚΑ                      | □            |
| 3.)  | (Museum No. 53)<br>ΑΡΙΣΤΟΠΟΡΥΣ | star                | (IEP. ΠΑΥΣΑΝΙΑΣ)<br>B.E. 598/11 | ΜΥΡΟΣ ΑΡΤ. ○ |
| 4.)  | ΖΥΓΩΝ                          | monogram<br>[A]     | (ΕΥΖΩΝΙΣ?)                      | ΜΥΡΟΣ ΑΡΤ. ○ |
| 5.)  | ΜΕΓΑΛΩΝ                        | rose (above)        |                                 | ΜΥΡΟΣ ΔΕΥ. ⊙ |
| 6.)  |                                | IEP. ΤΥΜΟΔΙΚΟΣ, cp. | ΜΥΡΟΣ ΕΠΙ.                      | □            |
| 7.)  | (ΤΥΜΟΔΙΚΟΣ)                    | rose (above)        | IEP. ΑΝΑΣΤΑΣΙΟΣ                 | ΜΕΙΣ ΑΡΤ. ⊙  |
| 8.)  | "                              | "                   | ΠΟΛΥΔΑΡΟΣ, cp.                  | ΜΥΡΟΣ ΔΕΥ. ⊙ |
| 9.)  | "                              | "                   | ΤΕΙΧΟΔΙΚΟΣ                      | ΜΕΙΣ ΕΠΙ. ⊙  |
| 10.) | "                              | "                   | "                               | " (ΥΑΚ. ⊙)   |

4. II. 63

7-10 have been attributed to ΤΥΜΟΔΙΚΟΣ because he is the only fabricant known in our files who uses rose-above stamps <sup>combined</sup> with all the secondary stamps known <sup>with</sup> the examples of the sponge types of 7-10. See pencil notes, separate sheets, of 1. II. 63. (Filed in folder R140D. FABRICANTS.)

In 3, restoration of ep. ΠΑΥΣΑΝΙΑΣ is a fair

OVER



15.02

guess since the types are a good match, and  
T. 1 is of a probable date & by <sup>close</sup> contemp. with  
other ep. s named by Ἀποροφύγος in similar  
types.

For 4, I have not succeeded in finding a  
likely companion type. It might be a type of  
Ζήνων who was monogramms.

6.II.63

Perhaps 2. in line of Βόκλιος, now uncertain reading.

8.I.66

On no. (3) above

Our notes on medallion Tell Sandchannah No. 53

(P. E. F. for 1901) do not indicate that

we have produced the reading

Ἀποροφύγος μύρος Ἀποροφύγος (reli.)

except that we have omitted an ἐπί note  
by the author.

File the really read ΜΗΝΟΞ <sup>APTAM</sup>, or perhaps  
it shows clearly in the original (though dim  
in our photostat)

Now, is this the same handle which has been read

ΜΗΝΟΞΙΑ

Ἀποροφύγος Myrofidis apparently with

Ἰ. Α. Κ. Μ. ? a "soleil rayonnant" (J. Paris, BCH 1914,

p. 326, q. Bliss, Macedonia, etc. Excav. in

Pal. 1898-1900, Pal. Expl. Fund, 1902, p. 178,

no. 38 ?



(2)

(8.II.66)  
15.03

Do dots that represent another type,  
with a different mounts?

We have no established types of this kind  
with Approachings



Benschi 7 Jan 47

ΙΕΡΕΥΣ ΤΗΣ ΑΓΟΡΑΣ ΜΕΙΣ ΤΑΚΙΝΘΙΟΣ  
rossi

Benschi plant's plot -  
see envelope containing photo  
wires

Note that Benschi's 6-12-46, VII (phot.)

counts stamp  
with message  
on file  
(see message)

may give <sup>ΜΑΝΟΣ ΑΡΤΑΜΙΣ</sup> to mouth, & make a pair with an  
Agias handle, Nelson 214, 3  
q. his letter 19. April 47 in confirmation  
and in reply to mine of 9 April

29. VII. 54 see Benschi 1. VII. 54 no. 3 (rubbing) - Αναγώγας

ΛΙΑΓΟ  
ΜΕΙΣ ΔΑΛ  
(rect. stamp)

over



19 Jan 47

On Kraemer's correspondence

11. VII. 54 <sup>rose</sup> Ἐπιτομή Ποδοσφαιρῶν μηνῶν Δαδίου © (ABC)

26. IV. 55 ΜΗΝΟΣ <sup>division of</sup> ΕΥΑΚΙΝΟΥ <sup>(part)</sup> ΑΡΙΣΤΟ <sup>part</sup> Antiod 1934 - P 85

29. III. 56 Ἐπιτομή τῆς ἱστορίας τοῦ Μηνῶς Ἐπινοῦ Handl in the Alexandria Museum, rubbing brought by Mr. Benaschi

13. III. 57 <sup>rose</sup> Μηνῶνος μηνῶς Θεοῦ [petr] (US calls my attention) University of Pennsylvania Museum from Memphis: Me 30 (29-71-14; M 77) published: Samaria, Reiser, p. 19 no. 147

19. IV. 58 Ἐπιτομή τῆς Ποδοσφαιρῶν Μηνῶς ΑΛ <sup>rose</sup>



*Placid*

Lahr nos. 905

ΕΥΚΑΙΡΟΣ ?

" sub-stamp  $\begin{matrix} \lambda & \beta & \omega \\ & \bullet & \\ & \kappa & \end{matrix}$ , all stamp name of  
mouth in long oval"

10. XII. 54

Note handles of *λεποειδης* with similar  
mouth stamps, suggesting a combination,  
ΕΥΚΑΙΡΟΣ being apony



6 Nov 46 RHODIAN

Photo addenda for Bunsen's letter;

24 Aug 46: rubbing no. 6 APXOKPATIUS  
Heli ETL

26 Aug 46: pencil. A real stamp with  
Heli hand in center

~~App~~ ] App-  
Lou Heli  
App- Heli  
(out)

6 Sept 46 rose alone  
in stamp

12 Sept 46 TIM.  
HPAKI.

10 Oct Heli (in use w stamp)  
and Museum of America  
and παρὰ Μόσχου



(10 025 48)

No. 11 effluently gas water on of them

Eric Platonov

Απερτ

— early type

when ep. - (pl. are combined)

No. 12 double impression, prob. a

COMP.

21<sup>st</sup> Nov.

? ΜΗΝΟΓΕΝΕΥΣ  
ΣΤΑΧΥΣ

(rubbing)

"Luiles" with Evencarios, Euphrosinos,

and rose circulations of Aristotle,

Alexander, Timon

Outsize stamps that wd. never go full  
on any Post. Bank.

26 Nov

"Luiles" esp. w. subject

THE INSTITUTE FOR ADVANCED STUDY  
Princeton, New Jersey  
Founded by Mr. Louis Bamberger and Mrs. Felix Fuld



## B. RHODIAN MONTHS

(from Index to Page)  
 78.56

\*Αγριάνιος, 83, 89, 105

\*Αρταμύτιος, 84, 86, 104

Βαθρόμιος, 85, 87

Δάλιος, p. 000, under no. 163 bis

Διδσθουος, not represented

Θεσμοφύριος, 74, 101

Θευδασιος, 99

Καρνεῖος, 88, 97

Πάναμος, 110

Πάναμος δεύτερος, 103

Πεδαγεστνυος, 75

Σμίνθιος, not represented

\*Υακίνθιος, p. 000, under no. 116 bis



1 Oct 48

Plinian months with over? or split  
 odd

Alexander 537 12MINOIOY

" 99 ε.β.υ.θ.ου

SS 8883

Μικύθου  
 Αρτεμίου  
 δειν?

Suggest he was not a Plinian?



ΤΩΝ ΑΡΧΑΙΩΝ ΜΑΚΕΔΟΝΩΝ, ΠΑΡΑΒΑΛΛΟΜΕΝΟΙ ΠΡΟΣ ΤΟΥΣ ΤΩΝ ΑΛΛΩΝ ΕΛΛΗΝΙΚΩΝ ΦΙΛΩΝ ΚΑΙ ΒΑΡΒΑΡΩΝ, ΚΑΘΩΣ ΚΑΙ ΠΡΟΣ ΤΟΥΣ ΤΩΝ ΝΕΩΤΕΡΩΝ ΑΛΩΝ ΤΗΣ ΠΑΓΚΟΣΜΙΟΥ ΙΣΤΟΡΙΑΣ ΔΙ' ΩΝ ΑΠΟΔΕΙΚΝΥΕΤΑΙ Η ΑΔΙΑΡΡΗΚΤΟΣ ΣΥΓΓΕΝΕΙΑ ΤΩΝ ΜΑΚΕΔΟΝΩΝ ΜΕΤΑ ΤΩΝ ΑΛΛΩΝ ΕΛΛΗΝΩΝ

Ε Λ Λ Η Ν Ι Κ Ο Ι Μ Η Ν Ε Σ

Όνομα των μηνών  
παρά τους αγγέλους  
των ευχρόνων  
και τα λεξιόλογα  
των Ρωμαίων

	Παρά τους Αγγέλους Μακεδόνας	Παρά τους άλλους Ελληνες	Παρά τους Λαομακεδονίους	Παρά τους Ρωμαίους	Παρά τους Δελφούς	Παρά τους Κενούς	Παρά τους Βιθυνούς	Παρά τους Μεγακωνέσι- ποις Κωσπίους	Παρά τους Εβραίους	Παρά τους Αιγυπτίους	Παρά τους Ρωμαίους	Παρά τους Ελληνικούς	Παρά τους Γαλλούς της Α! Συμπορίας
ΙΑΝΟΥΑΡΙΟΣ	ΠΕΡΙΤΙΟΣ	ΓΑΜΗΛΙΩΝ	ΑΓΝΩΣΤΟΝ ΤΟ ΟΝΟΜΑ	ΒΟΥΚΑΤΙΟΣ	ΑΛΔΑΦΟΡΙΟΣ	ΑΓΥΙΟΣ	ΗΡΑΚΛΑΙΟΣ	ΚΑΙΣΑΡΙΟΣ	NIZAN, ABIB	ΘΩΒ	JANUS	ΗΡΟΔΙΝΕΤΣ	PLUVIOSE
ΦΕΒΡΟΥΑΡΙΟΣ	ΔΥΣΤΡΟΣ	ΑΝΘΗΣΤΕΡΙΩΝ	ΕΛΥΣΙΝΙΟΣ	ΕΡΜΑΙΟΣ	ΠΟΙΤΡΟΠΙΟΣ	ΔΙΟΣΚΟΥΡΟΣ	ΔΙΟΣ	ΣΕΒΑΣΤΟΣ	KAP, ZIB	ΦΑΡΣΙ	FEBUUS	ΣΕΤΣΕΝ	VENTOSE
ΜΑΡΤΙΟΣ	ΣΑΝΤΙΚΟΣ	ΕΛΛΗΜΒΟΛΙΩΝ	ΓΕΡΑΕΤΙΟΣ	ΠΡΟΣΤΑΘΗΡΙΟΣ	ΒΥΣΙΟΣ	ΘΕΟΔΟΣΙΟΣ	ΒΕΝΔΙΔΑΙΟΣ	ΑΥΤΟΚΡΑΤΟ- ΡΙΚΟΣ	ΣΕΒΑΝ	ΑΘΥΣ	MARTIUS	ΣΟΥΚΗ	GERMINAL
ΑΠΡΙΛΙΟΣ	ΑΡΤΕΜΙΣΙΟΣ	ΜΟΥΝΥΧΙΩΝ	ΑΡΤΕΜΙΣΙΟΣ	ΑΓΝΩΣΤΟΣ	ΑΡΤΕΜΙΣΙΟΣ	ΠΟΝΤΟΣ	ΣΤΡΑΤΙΟΣ	ΔΗΜΑΡΧΕΥΟ- ΣΤΟΣ	ΦΑΜΟΥΣ	ΧΟΛΑΚ	APRILIS	ΜΙΕΡΕΖΟΖΟΑ	FLOREAL
ΜΑΙΟΣ	ΔΑΙΣΙΟΣ	ΦΑΡΓΗΛΙΩΝ	ΔΕΛΧΙΝΙΟΣ	ΘΕΙΛΟΥΘΙΟΣ	ΗΡΑΚΛΑΙΟΣ	ΡΑΒΙΝΘΙΟΣ	ΗΕΡΙΕΠΙΟΣ	ΠΑΝΘΥΛΙΑΤΟΣ	ΑΒ	ΤΥΒΙ	MAIUS	ΤΡΑΥΝΗ	PRAIRIAL
ΙΟΥΝΙΟΣ	ΠΑΝΕΜΟΣ	ΣΚΙΡΟΦΟΡΙΩΝ	ΦΑΙΛΑΣΙΟΣ	ΑΓΝΩΣΤΟΣ	ΒΟΑΘΟΟΣ	ΥΠΕΡΒΕΡΕΤΟΣ	ΑΡΕΙΟΣ	ΑΡΧΙΕΡΕΥΣ	ΕΛΟΥΑ	ΜΕΧΙΡ	JUNIUS	ΙΖΟΚ	MESSIDOR
ΙΟΥΛΙΟΣ	ΛΩΟΣ	ΕΚΑΤΟΜΒΑΙΩΝ	ΕΚΑΤΟΜΒΕΥΣ	ΑΓΝΩΣΤΟΣ	ΙΛΑΙΟΣ	ΝΕΚΥΣΙΟΣ	ΑΦΡΟΔΙΣΙΟΣ	ΕΣΘΙΟΣ	ΤΙΣΧΗ, ΑΙΛΑΝΗ	ΦΑΜΕΝΣΑ	QUINCTILIS	ΤΣΕΡΒΕΝ	THERMIDOR
ΑΥΓΟΥΣΤΟΣ	ΓΟΡΗΛΙΑΟΣ	ΜΕΤΑΓΕΙΤΝΙΩΝ	ΚΑΡΝΣΙΟΣ	ΣΙΝΙΟΔΡΟΜΙΟΣ	ΘΕΟΣΕΝΙΟΣ	ΒΑΣΙΛΑΙΟΣ	ΔΗΜΗΤΡΙΟΣ	ΡΩΜΑΙΟΣ	ΜΑΡΚΕΣΒΑΝΙ	ΦΑΡΜΟΥΧΗ	SEXTILIS	ΖΑΡΕΦ	FRUCTIDOR
ΣΕΠΤΕΜΒΡΙΟΣ	ΥΠΕΡΒΕΡΕΤΑΙΟΣ	ΒΟΗΔΡΟΜΙΩΝ	ΠΑΝΑΜΟΣ	ΠΑΝΑΜΟΣ	ΒΟΥΚΑΤΙΟΣ	ΘΕΣΜΟΦΟΡΙΟΣ	ΗΡΑΙΟΣ	ΑΦΡΟΔΙΣΙΟΣ	ΚΑΖΑΡ	ΠΑΡΩΝ	SEPTEMBER	ΡΕΒΟΥΝ	VANDEMIATRE
ΟΚΤΩΒΡΙΟΣ	ΔΙΟΣ	ΗΡΑΝΕΥΙΩΝ	ΗΡΑΣΙΟΣ	ΑΓΝΩΣΤΟΣ	ΗΡΑΙΟΣ	ΕΡΜΑΙΟΣ	ΕΡΜΑΙΟΣ	ΑΠΟΓΟΝΙΚΟΣ	ΤΕΒΕΘ	ΠΑΥΝΙ	OCTOBER	ΑΙΣΤΟΠΙΑΑ	BRUMAIRE
ΝΟΕΜΒΡΙΟΣ	ΑΠΕΛΛΑΙΟΣ	ΜΕΜΑΚΤΗΡΙΩΝ	ΑΠΕΛΛΑΙΟΣ	ΔΑΜΑΤΡΙΟΣ	ΑΠΕΛΛΑΙΟΣ	ΕΙΜΑΝ	ΜΗΤΡΟΣ	ΑΙΝΙΚΟΣ	ΣΧΕΒΕΧ	ΕΠΙΦΙ	NOVEMBER	ΓΡΟΥΔΕΝ	PERIHERE
ΔΕΚΕΜΒΡΙΟΣ	ΑΥΔΗΝΑΙΟΣ	ΠΟΣΕΙΔΩΝ	ΔΙΟΣΚΟΥΣ	ΑΓΝΩΣΤΟΣ	ΑΛΔΑΚΟΜΕΝΙΟΣ	ΑΓΝΩΣΤΟΣ	ΔΙΟΝΥΣΙΟΣ	ΙΟΥΛΙΟΣ	ΑΔΑΡ	ΜΕΣΕΡΠΙ	DECEMBER	ΣΤΟΥΔΕΝΗ	NIVOSE



Mounts Names

(Rhodia seen 5 to  
omitted)



21.01

MONTHS

THE MASTERS OF THE PERGAMON GIGANTOMACHY

357

the work of the executing sculptors. The precise limits of their sections have to be defined, and the styles of their contributions must be studied.

By using the hitherto neglected epigraphical evidence in conjunction with a new stylistic analysis of some sections of the relief, it has been shown that the frieze consisted of about forty units executed by different sculptors, who, although influenced by the leading master, retained much of their individual styles. The result of Schuchhardt's study was found to be untenable. At the same time, it became clear that Kaehler's assertion of the homogeneity of the frieze, although a valuable contribution to the understanding of the work, failed to appreciate the differences of style which are due to the individual masters. Finally, the attempt was made to discover to what extent the stylistic differences which are so marked within the frieze must be understood as the result of the participation of masters from different regions. It was possible to isolate one group of figures and to attribute it to sculptors from Rhodes. Further study should lead to the recognition of Attic work within the frieze, and, most important of all, the Pergamenian style, in which the majority of the executing sculptors were trained, should be recognized as such, and should be related to the mass of preserved Pergamenian sculpture. In order to achieve this, however, all of the individual groups of which the tremendous frieze is composed have to be defined. This is a task which can only be performed by a study of the monument itself, when it has become accessible again to students of archaeology.

NEW YORK UNIVERSITY

DIETHER THIMME

K. Pritchett, "Months in  
Dorian Calendars." AJA 50, 1946,  
pp. 358 - 360

(Taken from a surplus copy of  
AJA given away at ASCS  
in 1949.)



## MONTHS IN DORIAN CALENDARS

KENDRICK PRITCHETT

SINCE the sequence of months in the calendars of many Dorian city-states cannot be determined explicitly from the limited evidence, scholars have attempted to establish the order of months by resorting to the comparative method. M. P. Nilsson, whose calendar studies are probably the most extensive of those of any living scholar, has repeatedly denied the validity of this method. For example, in *Timbres Amphoriques de Lindos* (Copenhagen, 1909), p. 137, he states with regard to the calendar of Rhodes, "Il n'a fait que mettre en une plus vive clarté encore, l'absence de concordance entre les différents calendriers doriens; nous avons donc eu raison d'éviter de nous servir d'analogies tirées des calendriers étrangers." I anticipate my conclusion by stating that the evidence supports Nilsson's opinion, and dependence on the analogical method can lead to no assured results.

An effort has recently been made, employing this method, to determine the order of months at Kos and at Sparta; and the Spartan calendar so determined would permit a solution of the problem of intercalation in the Athenian calendar of 423-421 B.C. In studying the calendar of Kos, M. Giffler has argued: 1) "The position of Artamitios in the Rhodian calendar suggests a similar position for Artamitios in the Coan calendar." 2) Since Kos and Sparta share the months Artamitios and Gerastios, it is suggested that the relation of these two months was the same in both places.<sup>1</sup> Giffler's conclusions, in turn, have been considered by B. D. Meritt as affording independent testimony for intercalation in the Athenian calendar of the fifth century: "In a recent note on the calendar of Kos, Milton Giffler has drawn attention to the sequence of the Doric months Gerastios and Artamitios, in that order, and I believe his suggestion sound that they must be construed in the same sequence in the calendar of Sparta."<sup>2</sup>

That the position of a month in the Rhodian calendar affords no evidence for a similar position of an homonymous month in the calendar of Kos can most easily be seen from the following table which contains those months with the exception of Artamitios which were common to Rhodes and Kos.<sup>3</sup> The first month corresponds to the fourth in the Athenian calendar and is usually equated with October/November.

NAME OF MONTH	POSITION IN RHODIAN CALENDAR	POSITION IN KOAN CALENDAR
Theudaisios	III	VIII
Pedageitnios	IV	IX
Badromios	V	V
Agrianios	VIII	I
Hyakinthios	IX	VII
Panamos	X	XI
Karneios	XI	II
Dalios	XII	X

<sup>1</sup> *AJA*, xliii, 1939, p. 446; and *Hermes*, lxxv, 1940, p. 226.

<sup>2</sup> *AJP*, lxii, 1941, p. 9. Similarly, E. Cavaignac (*REG*, lvii, 1944, p. 50) has arranged his comparative

table of the Spartan and Athenian calendars of 423-421 B.C. according to Giffler's conclusions.

<sup>3</sup> The order of months is taken from the tables in E. Bickermann, *Chronologie* (Gercke-Norden, *Einleitung*



Of these eight homonymous months, only one was assigned to the same position in the two calendars.

The many different positions a month might occupy in the calendars of various Greek city-states may best be illustrated by the following table which presents the known evidence concerning Panamos, the most common of all months:<sup>4</sup>

April/May	Epidauros
May/June	Tauromenion, Samos
June/July	Delos, Amorgos, Macedonia
July/August	Amphissa, Akarnania, Miletos, Rhodes, Erythrai
August/September	Lamia, Boeotia, Aetolia, Kos
September/October	Thessaly, Corinth, Megara

To return to Artamitios, the month in question for the calendar of Kos, M. P. Nilsson has already written as follows: "Il en est de même d'Artamitios. Il correspond à Sparte à Elaphebolion, à Epidaure à Anthesterion, à Tauromenion à Gamelion. L'Artemision ionien correspond ou à Elaphebolion ou à Munychion."<sup>5</sup> Other possibilities for this month are now given in the tables of E. F. Bischoff in *RE*, s.v. Kalendar. We cannot accept the hypothesis that "the position of Artamitios in the Rhodian calendar suggests a similar position for Artamitios in the Koan calendar."<sup>6</sup>

Having assigned to the month Artamitios a position immediately following Gerastios in the Koan calendar, Giffler has argued that this latter calendar, in turn, affords evidence for the disposition of these same months at Sparta: "Sparta and Cos share a rather unique calendar situation. They both have the rare months Gerastios and Artamitios. . . . Gerastios probably preceded Artamitios."<sup>7</sup> This disposition is confirmed, according to Giffler,<sup>8</sup> by the types of festivals which took place in Gerastios. Specifically, Giffler revives an argument of Hermann based on the evidence that a particular festival at which masters served slaves took place at Troezen in the month of Gerastios.<sup>9</sup> It is suggested that a similar festival occurred at Athens in Anthesterion; therefore, Attic Anthesterion and Spartan (i.e., Dorian) Gerastios should be equated.

The statement that Artamitios was a rare month cannot be upheld. Of the 326 names of Greek months known to E. F. Bischoff in 1919,<sup>10</sup> Artamitios was the fifth most common.<sup>11</sup> Gerastios occurs at Kalaureia, Kalymnos, Kos, Sparta, and Troezen. The calendars of Sparta and Kos shared the names of several months, including Artamitios, Agrianios, Gerastios, and Hyakinthios. We cannot conclude that the duplication of any particular Dorian

in *die Altertumswissenschaft*, iii, 5 [1933], p. 6. Bickermann's table for Rhodes is that of M. P. Nilsson as given by Hiller von Gærtringen in *RE*, Suppl. V, 744, and for Kos that of R. Herzog in *Abh. Berl. Ak.*, 1928, 6, p. 49. M. Giffler in his article in *AJA*, xliii, 1939, pp. 445-446, has followed the sequence of months for the Rhodian calendar as determined by W. R. Paton and E. L. Hicks in *Inscriptions of Cos* (Oxford, 1891). However, there have been several corrections in their calendar.

<sup>4</sup> The table is based on that of A. Boethius, *Der Argivische Kalendar* (Uppsala, 1922), p. 48, note 1.

<sup>5</sup> *Timbres Amphoriques de Lindos*, p. 135.

<sup>6</sup> M. Giffler, *AJA*, xliii, 1939, p. 446. Herzog's

reasons for assigning Hyakinthios, transferred by Giffler to the third month, to the seventh position in the Koan calendar are given in *Abh. Berl. Ak.*, 1928, 6, p. 50. It is to be hoped that additional evidence concerning the Koan calendar may be obtained from the unpublished inscriptions from that island (see L. Robert, *REG*, liii, 1940, p. 198).

<sup>7</sup> *Loc. cit.*

<sup>8</sup> *Hermes*, lxxv, 1940, p. 226.

<sup>9</sup> Athenaeus, xiv, 639c.

<sup>10</sup> *Neue Jahrbücher für das klassische Altertum*, 1919, 494 ff.

<sup>11</sup> Cf. E. F. Bischoff in *RE*, s.v. Kalendar, 1597-1602.



months at two places produced a "unique calendar situation," for examples may easily be offered from what limited evidence remains that many Dorian calendars shared certain more or less uncommon months, and these months occur in various relationships.<sup>12</sup> Indeed, Agrianios and Hyakinthios are found in fewer calendars than Artamitios; both are known to occur in direct succession at Sparta;<sup>13</sup> yet at Kos they are separated by several months.

As for the correlation of the slave-festivals at Athens, Troezen and Sparta, M. P. Nilsson has already suggested that the Troezen festival cited by Giffler as celebrated in a month corresponding to Attic Anthesterion was a Saturnalia, to which the Athenian counterpart was the Kronia.<sup>14</sup> This latter was celebrated in Hekatombaion. Nilsson shows that this festival too was observed in various places during different periods.

One final observation may be offered against the argument that homonymous festivals occur at corresponding times in Dorian calendars. One need only consider that the names of Greek months are derived from festivals,<sup>15</sup> and note the varied time of these name-giving celebrations. Indeed, Nilsson has shown that the rites of homonymous festivals differed in many aspects in various places (e.g., for the Thargelia, see *Griechische Feste*, pp. 105 ff.). At Sparta, the Karneia was apparently related to the vintage,<sup>16</sup> but the position of this month in other calendars renders this relationship doubtful. Furthermore, festivals which gave their names to separate months in some calendars were celebrated within the same month in others. Thus, the Apaturia at Athens was celebrated in Pyanopsion, whereas other calendars exhibit both an Apaturion and a Pyanopsion. "Prinzipiell ist festzuhalten, dass daraus die Monatsnamen in den verschieden Städten unabhängig voneinander entstanden sind."<sup>17</sup>

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<sup>12</sup> See the tables of E. F. Bischoff in *RE*.

<sup>13</sup> E. F. Bischoff in *RE*, s.v. Kalendar, 1578.

<sup>14</sup> *Griechische Feste*, pp. 36-37. Cf. Nilsson, *RE*, s.v. Saturnalia, 205; and Wissowa in Roscher, *Lexicon der griechischen und römischen Mythologie*, s.v. Saturnus, 438. The Troezen festival, although celebrated in the month Gerastios, was not necessarily a Gerastia; see L. Lerat, *RA*, xxv, 1946, 201.

<sup>15</sup> M. P. Nilsson, *Primitive Time-Reckoning* (Lund, 1920), pp. 363-364.

<sup>16</sup> S. Wide, *Lakonische Kulte* (Leipzig, 1893), pp. 73 ff.

<sup>17</sup> M. P. Nilsson, *Die Entstehung und religiöse Bedeutung des griechischen Kalenders* (Lund, 1918), p. 53; cf. *Bull. Acad. Danemark*, 1909, 123.