

DATED GREEK MINUSCULE MANUSCRIPTS
TO THE YEAR 1200

EDITED BY
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II
MANUSCRIPTS IN VENICE, OXFORD
AND LONDON

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PREFACE

IN ISSUING the second fasciculus of Dated Greek Minuscule Manuscripts we desire to thank the Librarians of the Marciana in Venice, of Bodley's Library in Oxford, and of the British Museum in London, whose friendly help has been of so much assistance to us in its preparation, We desire also to express our warm gratitude to Sir Frederick Kenyon, who has interested himself in so many different ways in the production of this series in general as well as in that of this particular volume, to the late Sir Author Cowley, and to Mr. Gibson of the Bodleian Library.

Moreover, the elder editor can never forget that he was at one time a supernumerary member of the staff of the Bodleian, nor would he fail to record his affectionate memory of the late Edward Byron Nicholson, sometime Bodley's Librarian, who taught him the art of reading Greek manuscripts and spent on advice and direction many hours which he could ill afford.

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August, 1934

NOTE

SINCE it is inevitable that different students should wish to arrange the manuscripts included in this series in different ways it has been decided to leave the plates unbound. For purposes of publication, however, the manuscripts from each library are given in chronological order and numbered serially throughout the separate fasciculi. This serial number is repeated in the upper left-hand corner of each plate illustrating the particular manuscript to which the number refers. The plates themselves are also numbered serially, and the number of the individual plate is given in the upper right-hand corner of each.

We have reduced the descriptive material to a minimum, omitting details of exact size and such other data as may be found in the catalogues of the individual libraries. After some hesitation we included certain details, such as the colour of the ink and the quality of the parchment in each manuscript, which might seem unduly subjective.¹

The Ruling Types include, of course, many which are not found in the manuscripts described in this fasciculus. In their preparation a rigidly schematic treatment was adhered to. They are diagrams, not pictures. In particular, it would have been impossible to indicate in the diagrams whether the ruled lines ended evenly or unevenly, and whether in any particular instance the ruling was done more or less carefully. The dots indicate lines of writing for which there are no ruled lines.

Unless otherwise indicated, the plates are facsimiles, and in the few cases where this is not so there is at least a sample facsimile of the hand, or hands.

In transcribing the colophons abbreviations are expanded. The spelling of these expansions is conventionalized, although elsewhere the peculiarities of the individual scribes have been retained.

The last fasciculus will contain complete indices and the descriptions and facsimiles of any manuscripts which could not be inserted in their proper positions. We shall be extremely grateful for any information as to additions or corrections which should then be made.

¹It is to be noted that "vermilion" has been used for reds which shade toward orange, and "carmine" for those which have a bluish tinge.

VENICE, BIBLIOTECA MARCIANA

43. MARC., COD. 540

A.D. 905

PLATES 78-79

1. Olympiodorus on Job. 2. Ruling Type II, 1f. 3. The only signatures now visible are crosses in the upper left-hand corner of the first recto of each gathering. 4. Parchment medium-thick, yellowed-white, smooth, supple. 5. Ink medium-brown and pale carmine. 6. Capitals in

carmine. A number of miniatures. 7. The writing is on the line. 8. The colophon is at the end, in the hand and ink of the text: *εν ετει κοσμου συνγ̄ ινδικτιωνος η̄· επι της θεοσυνεργητου βασιλειασ λεοντος και αλεξανδρου των ορθοδοξων και φιλοχριστων βασιλεων ρωμαιων +.*

44. MARC., COD. 780

A.D. 954

PLATES 80-81 AND 85

1. Aristotle. 2. Ruling Type I, 18a. 3. Signatures in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 4. Parchment medium-thick, glossy, smooth, much yellowed. 5. Ink reddish-brown and vermillion. 6. Initials and titloi

in vermillion. 7. Writing across the ruled lines. 8. The colophon is at the end, in the ink and a variation of the hand of the text: *εγραφη χειρι εφραιμ μοναχου μηνι νοεμβριω ινδικτιωνος ιγ̄ ετους̄ συνγ̄:*

45. MARC., COD. 454

A.D. 968

PLATES 82-83 AND 85

1. St. Basil. 2. Ruling Type II, 20b. 3. The signatures are in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. There is also a cross in the center of the upper margin of the first recto of each gathering. 4. The parchment is medium-thick, chalky, smooth, yellowed-white. 5. Ink

medium and pale-brown, carmine. 6. Initials, titloi, and geometrical headpieces in carmine. 7. Writing across the ruled lines. 8. The colophon is by the second hand and is at the end of the ms.: *εγραφη χειρι αθανασιου μοναχου μηνι αυγουστω δ̄ ινδικτιωνος ιᾱ· ετους̄ συνος̄: ημερα γ̄ ωρα γ̄:*

46. MARC., COD. 470

A.D. 1057

PLATES 84 AND 85

1. Epiphanius. 2. Ruling Type II, 19b. 3. The signatures are in the upper right-hand corner of the first recto of each gathering. Those in the lower right-hand corner of the last verso of each gathering, now almost all trimmed off, are probably later. 4. Parchment thin to medium-thick,

smooth, yellowed, hair-marked. 5. Ink dark-brown to black. 6. One geometrical heading in very dull and faded carmine. 7. Writing pendent from the ruled lines. 8. The colophon is at the end, in the hand and ink of the manuscript: *εγραφη χειρι ιωαννου πρεσβυτερου εν ετει σφ̄ξε̄ ινδικτιωνος ι:*

47. MARC., COD. 427

A.D. 1063

PLATES 86 AND 90

1. Chrysostom. 2. Ruling Type II, 21a. 3. Signatures in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 4. Parchment thin to medium-thick, greasy, yellowed, not always smooth. 5. Ink medium-brown and dull carmine. 6. Capitals, titloi, geometrical headpieces and division lines in

carmine. 7. Writing pendent from the ruled lines. 8. The colophon is at the end, in the hand and ink of the text: *ετελειωθη χριστου χαριτι η ιερα βιβλος αυτη, εν τω σφ̄σᾱ ετει επι της βασιλειασ κωνσταντινου του δουκα· δουκος δε της μεγαλης θεουπολεως αντιوخειας νικηφορου σεβαστοφορου: ινδικτιωνος ᾱ:*

48. MARC., COD. 1170

A.D. 1069

PLATES 87-88 AND 90

1. Apostolos. 2. Ruling Type II, 34 e. 3. Signatures in the upper right-hand corner of the first recto and the lower left-hand corner of the last verso of each gathering. 4. Parchment sometimes thick and sometimes thin, greasy, smooth, much yellowed. 5. Ink dark-brown and vermillion. 6. Capitals, titloi, and geometrical headpieces in vermillion. 7. Writing pendent from the ruled lines. 8. The colophon

is at the end, in the hand and ink of the latter part of the manuscript: *τελος ειληφε μηνι νοεμβριω· εισ την ιγ̄· ημερα εκτη· ωρα. γ̄· ινδικτιωνος η̄· εν ετει τω απο κτισεωσ κοσμου· σφ̄ση̄: ευχεσθε τω γραψαντι ταυτην·: σαβα (cryptographically ωθηθ) μοναχω.* 9. We think that there are two hands in the manuscript, but it is just possible that they may be variations of one.

49. MARC., COD. 386

A.D. 1112

PLATES 89 AND 90

1. Basil the Great. 2. Ruling Type I, 1a. 3. Signatures in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 4. Parchment thin to medium-thick, glossy, smooth, very white on the flesh side. 5. Ink pale and medium reddish-brown and bright carmine. 6. Initials, capitals, titloi and

geometrical headpieces in carmine. 7. Writing pendent from the ruled lines. 8. The colophon is at the end, in the hand of the manuscript and the carmine ink used elsewhere in it: *εγραφη αυτη η ιερα βιβλος των ασκητικων διαταξεων του μεγαλου βασιλειου· εν ετει ̅Ϛ̅χ̅κ̅· ινδικτιωνος ̅ε̅.*

50. MARC., COD. 574

A.D. 1175

PLATES 91-93

1. Laws. 2. Ruling Type II, 40a. 3. Signatures in the lower right-hand corner of the first recto of each gathering. Most of them have been trimmed off. 4. Parchment medium-thick, smooth, much yellowed on the hair side. 5. Ink dark-brown, vermilion, carmine. 6. Capitals, titloi, and geometrical headpieces in vermilion and occasionally in carmine. One page with miniatures. 7. The writing is

pendent from the ruled lines. 8. The colophon is at the end, in the hand and ink of the manuscript: *ετελειωθη δε το παρον νομιμον βιβλιον· μηνι ιουλιω· ινδικτου ογδοησ εν ετει ̅Ϛ̅χ̅π̅γ̅, δια χειρος ιωαννου ευτελους νοταριου, οι εντυγχανοντες ευχεσθαι τω κτισαντι ταυτην, οπως κυριος ο θεος δοη αυτω μακροβιωσιν εν πολλοις ετεσιν αμην:—τω δε ταυτην γραψαντι μη ολως καταρασθαι, ο γαρ γραφων παραγραφει: και ερρωσθαι.*

Marc., Cod. 850 is said to be dated A.D. 1166; but the ms. of this number has, so far as we could discover, no colophon or date.

Marc. Bess., Cod. 460. Bessarion says that this is Eustathius' autograph (end of 12th cent.). The ms. could not be found when we were in the library.

OXFORD, THE BODLEIAN

51. COD. D'ORVILLE 301

A.D. 888

PLATES 94 AND 104

1. Euclid. 2. Ruling Type I, 23a. 3. There are signatures, probably not original, in the lower right-hand corner of the first recto of each gathering. 4. Parchment thin to medium-thick, moderately smooth, yellowed on both sides. 5. Ink medium to dark-brown, with a reddish tinge. 6. No ornamentation other than the line illustrations of the

text. 7. Writing on, across, or pendent from the ruled lines. 8. The colophon is at the end, in the hand and ink of the semi-uncial notes in the text: *εγραφη χειρι στεφανου κληρικου μηνι σεπτεμβριω ινδικτιωνος ζ̄ ετει κοσμου στςζ̄: εκτησαμην αρεθας πατρευσ την παρουσαν βιβλον νομισματα ιδ̄(?)*

52. COD. CLARK. 39

A.D. 895

PLATES 95 AND 104

1. Plato. 2. Ruling Type I, 2d. 3. Signatures in the upper right-hand corner of the first recto and the upper left-hand corner of the last verso of each gathering. 4. Parchment thin to medium-thick, very smooth, very white. 5. Ink medium to dark reddish-brown. 6. No ornamentation. 7. The writing is for the most part pendent from the ruled lines. 8. The colophon is at the end. Neither the hand nor the ink are those of the text, but from the content, are presumably contemporary. The colophon:

*εγραφη χειρι ιωαννου καλλιγραφου·
ευτυχως αρεθαι διακονωι πα
τρι· νομισματων βυζαντι
ων δεκα και τριων· μηνι νοεμ
βριω ινδικτιωνος ιδ̄· ετει κοσμου
συδ̄ βασιλειας λεοντος του φι
λοχριστου υιου βασιλειου του αιμνηστου:—
εδοθη υπερ γραφης νομισματα ιγ̄ υπερ περγαμηνης νομισματα...*

53. COD. BARR. 134

A.D. 948

PLATES 96-97

1. John Climax, etc. 2. Ruling Type II, 4b. 3. The signatures are just left of the center of the lower margin of the first recto and just right of the center of the lower margin of the last verso of each gathering. 4. Parchment medium-thick, rather rough, very soft, yellow. 5. Ink medium-brown. 6. Yellow wash under the titloi and initials. 7.

The writing is pendent from the ruled lines. 8. The colophon is at the end, in the hand and ink of the text: *ετελειωθη αυτη η πανηρος βιβλος των αγιων ιερομαρτυρων ακεψιμα ιωσηφ και αιθαλα· της νησου χαλκης· γραφεν δια χειρος ευτελους κυριλλου μοναχου· ετους συνς·:·*

54. COD. AUCT. E.2.12

A.D. 953

PLATES 98-99

1. Basil the Great. 2. Ruling Type II, 1f. 3. Signatures missing. 4. Parchment medium-thick, smooth, white. 5. Ink medium-brown and bright carmine. 6. Small solid capitals, large hollow capitals and titloi in carmine. A little very glaring yellow wash. Some geometrical headpieces in green and yellow. 7. Writing pendent from the ruled

lines. 8. Colophon at the end, in the hand of the text and the carmine ink used elsewhere in the manuscript: *επληρωθη τα εισ τον προφητην ησαιαν του αγιου βασιλειου· μηνι αυγουστω ιβ̄ των αγιων μαρτυρων φωτιου και ανικητου· ημερα παρασκευη· ωρα η· ινδικτιωνος ιᾱ ετους συζ̄α*

55. COD. LAUD. 75

A.D. 976 (?)

PLATES 100-102

1. Chrysostom. 2. Ruling Type II, 1f. 3. Signatures in the upper right-hand corner of the first recto of each gathering, sometimes set in an elaborate design in colours. Three crosses across the upper margin of the first recto of each gathering. 4. Parchment medium-thick to thick, fairly smooth, yellowed-white. 5. Ink dark-brown. 6. Initials, capitals, geometrical headpieces, etc., in green, blue, terracotta, and yellow. A line of yellow wash just above the titloi, touching the tops of the letters. Numbers in

carmine. 7. Writing pendent from the ruled lines. 8. The colophon, at the end of the manuscript, is in uncials, in the same colours used in the ornamentation elsewhere in the manuscript. It reads: *αρχη τέλος μεσασμα χριστε μου πελεισ + εγραφη η δελτος αυτη εν ετει συνπε̄ πληρωθεντος μηνος σεπτεμβριου ινδικτιωνος ε̄ επι θεοδοσιου και παγκρατιου των καθηγουμενων ταυτησ της μονης.* There is a mistake here. The year given was the fifth indiction, not the sixth.

56. COD. BARR. 196

A.D. 1042

PLATES 103 AND 104

1. Sermons. 2. Ruling Type I, 26c. 3. Signatures missing. 4. Parchment medium-thick to thin, smooth, yellow, chalky. 5. Ink medium and bright brown and pale carmine. 6. Titloi in small semi-uncial. Capitals in car-

mine. 7. Writing pendent from the ruled lines. 8. The colophon is at the end of the text, in the same hand and ink: *ετέλειωθη η δελτος αυτη· μηνι δεκεμβριω γ̄ ημερα παρασκευη ινδικτιωνος ιᾱ· ετους σ̄φνα*

57. COD. LAUD. 34

A.D. 1047

PLATES 105 AND 113

1. Lectionary. 2. Ruling Type II, 10b. 3. Signatures in the upper right-hand corner of the first recto of each gathering. Most of them have been trimmed off. 4. Parchment medium-thick, very smooth, yellow-white. 5. Ink dark-brown, carmine, vermilion. 6. The colours in the initials and geometrical headpieces—vermilion, carmine, orange and blue—have the consistency of varnish. Titloi and musical notes sometimes in carmine and sometimes in

vermilion. Yellow wash below the titloi, touching the bottom of the letters, and in the interstices and around the edges of the initials. Some green wash. 7. Writing pendent from the ruled lines. 8. Colophon at the end of the text, in the ink and a variation of the hand of the text: *∴ αμαρτωλου και αναξιου· ∴ ονησιμου του ελαχιστου πρεσβυτερου μηνι απριλλιω ινδικτιωνος ιε̄· ετους σ̄φνε· ευχεσθε παντες υπερ εμου δια τον κυριον, του ασωτως βιωσαντος:—*

58. COD. AUCT. T.2.2

A.D. 1067

PLATES 106–107

1. Theodoret. 2. Ruling Type I, 26c. 3. Signatures missing. 4. Parchment thick, stiff, smooth, hair-marked, very yellowed on the hair side. 5. Ink medium to dark-brown. 6. Small solid capitals and division lines in the ink of the text. A few capitals in a reddish ink. 7. Writing pendent from the ruled lines. 8. The colophon is at the end, in the hand and ink of the text: *επληρωθη η βιβλος αυτη*

της ερμηνειας των δωδεκα προφητων θεοδωρητου, μηνι φευρουαριω ιᾱ· ινδικτιωνος πεμπτησ· ετους απο κτισεως κοσμου εξακισκλιοστου φ̄οε· επι τιμοθεου του οσιωτατου ηγουμενου του και μετα θεον κτητορος της υπεραγιας θεοτοκου της ευεργετιδος· του και εγκλησ- του· δια χειρος γρηγοριου μοναχου και πρεσβυτερου· ος και ικετευω παντας τους εντευξομενους· ευχεσθαι υπερ εμου οπως ελεθω:

59. COD. AUCT. F.6.25

A.D. 1067 (?)

PLATES 108–109

1. Lectionary. 2. Ruling Type I, 2c. 3. Signatures missing. 4. Parchment thin to medium-thick, smooth, yellow. 5. Ink black and carmine. 6. Titloi, solid capitals, and simple geometrical division lines in carmine. 7. Writing pendent from the ruled lines. 8. The colophon is at the end, in the ink and a variation of the hand of the text:

ετέληωθη η δελτος αυτη μηνι αυγουστω ιβ̄· ινδικτιωνος ιε̄· ετους σ̄φοε· επι της βασιλειας κωνσταντινου του δουκα: There is, however, a mistake in this dating. Constantine Dukas died in May 1067, and the only time during his reign when the fifteenth indiction occurred was in 1062.

60. COD. CLARK. 15

c.A.D. 1078

PLATE 110

1. Psalter. 2. Ruling Type I, 31a. 3. Signatures missing. 4. Parchment thin, quite smooth, yellow. 5. Ink medium-brown, carmine and gold. 6. Small solid capitals in carmine and gold. The first pages are written in gold

uncials. One miniature. Initials and headpieces in gold, red, blue and green. 7. Writing pendent from the ruled lines. 8. The date is the first in the Paschal tables. The wrong side of the page is given but the date shows through.

61. COD. BARR. 15

c.A.D. 1105

PLATE 111

1. Psalter. 2. Ruling Type I, 24a. 3. Signatures missing. 4. Parchment medium-thick, very smooth, yellowed-white. 5. Ink dark-brown. 6. Paschal tables in gold and carmine. Small solid capitals in gold. One miniature.

Geometrical headpieces in gold, blue, green and red. 7. Writing pendent from the ruled lines. 8. The date is that of the first year given in the Paschal tables.

62. COD. AUCT. E.2.4

A.D. 1106

PLATES 112 AND 113

1. Chrysostom. 2. Ruling Type II, 23b. 3. Signatures missing. 4. Parchment medium-thick, smooth, white, slightly chalky. 5. Ink pale-brown, carmine. 6. Small solid capitals, geometrical headpieces, and titloi in carmine. 7. Writing pendent from the ruled lines. 8. Colophon at the end, in the hand and ink of the titloi:

η χειρ το γραμμα· νουσ τε φελκει τους λογους·
το πνευμα δ' αυθις· συμπαρεσχεν την σχεσιν·
τους τρεις δακτυλους· ως του γραφειν επανσα·
πεπαυμαι και νυν· του γραφειν την βιβλον ταυτην·

φ'ε'αριω μην· εισ την δευτεραν βασιν·
ετος δ'υπηρχεν· τας χιλιαδας φερων·
αυτας μονασ εξ· αμα εξακοσιων·
τεσσαρας και δεκα· (erasure) συν της ινδικτω αμα·
ει ητε παντες· ω φιλοι μεμνημενοι·
ως αναξιω· εμοι τε γραψαντι·
παπας νικολας· ο και πανοι χθαμαλω·
μονησ καλλιστησ· της του αρχιστρατηγου·

9. There are some notes in Latin in the ms.

63. COD. RAWL. G.199

A.D. 1141

PLATES 114-115

1. Simeon Stylites. 2. Ruling Type I, 2 c. 3. Signatures in the lower right-hand corner of the first recto and the lower left-hand corner of the last verso of each gathering. Most of them have been trimmed off. 4. Parchment thin to medium-thick, smooth, yellow-white, sometimes chalky. 5. Ink dark-brown and carmine. 6. Titloi, small solid capitals and geometrical headpieces in carmine. 7. Writing pendent from the ruled lines. 8. The colophon is at the

end, in the ink of the text and probably in the same hand, though the style is different: *εγραφη εν τη σεβασμια και περιβλεπτη μονη του σωτηρος της εν τω ακροτηριω αρχιμανδρενοντος τοτε λουκα του πανοσιου και μεγαλου αρχιμανδριτου· δια χειρος βαρθολομαιου ευτελους μοναχου του ρηγινου εν ημεραισ ρογερου του πανευτυχιστατου ρηγος πληρωθεισα μηνι ιουλιω κη ινδικτιωνος δ· του σχμθ ετους·*

64. COD. BARR. 132

A.D. 1143(?)

PLATE 116

1. Theodoret. 2. Ruling Type I, 2b. 3. Signatures missing. 4. Parchment thin to medium-thick, not very smooth, chalky, grayish-yellow. Some leaves are very thick and rough. 5. Ink medium-brown and dull-carmine. 6. Small solid capitals, geometrical division lines and titloi in carmine. 7. Writing across the ruled lines. 8. Colo-

phon at the end of the text, in the same hand and ink: *εγραφη η παρουσα βιβλος, παρα του εν μοναχοις αδοκιμου, νικωνος του καλοβιου· τέλος λαβουσα, κατα μηνι σεπτεμβριον της 5 ινδικτιωνος· του σχνβ ετους·* There is a mistake in the dating. The year given is the seventh indiction.

LONDON, BRITISH MUSEUM

65. COD. HARL. 5694

c. A.D. 914

PLATE 117

1. Lucian. 2. Ruling Type I, 43a. 3. Original signatures in the lower left-hand corner of the first recto of each gathering. 4. Parchment thin, smooth, white. 5. Ink medium-brown with a reddish tinge. 6. No ornamenta-

tion. 7. Writing on the ruled lines. 8. There is no colophon, but the ms. is by the same hand as Paris, Bibl. Nat. Cod. 451, which is dated 914.

66. COD. ADD. 18,231

A.D. 972

PLATES 118-120 AND 136

1. Gregory Nazianzenus and others. 2. Ruling Type II, 15a. 3. Signatures missing. 4. Parchment medium-thick, smooth, greyish-white on the flesh side. 5. Ink dark-brown. 6. Hollow capitals in vermillion or the ink of the text. 7. Although possibly by one hand, the writing is consistently on the ruled lines in the first part of the manu-

script and consistently pendent in the latter part. 8. The colophon is at the end of the text, in the semi-uncial hand and ink used elsewhere in it: *εγραφη εν συν ετει*. 9. When first catalogued at the British Museum this ms. was assigned to the twelfth century. This was later corrected.

67. COD. ADD. 36,751

A.D. 1008

PLATES 121-123

1. Gospel lectionary. 2. Ruling Type II, 18a. 3. Signatures in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 4. Parchment medium-thick, very smooth, yellowish-white. 5. Ink dark-brown, carmine, vermillion. 6. Geometrical headpieces in pale-carmine. Capitals, titloi, and musical notes in carmine in one part of the ms. and in ver-

million in the other. 7. Writing on, across, pendent from and between the ruled lines. 8. The colophon is at the end of the text, in the same hand and ink, but a part of it is now almost illegible: *ετελειωθη η παρουσα θεια βιβλος του αγιου ευαγγελιου μηνι ιουνιω. ινδικτιωνος 5· ετους σφισ: γραφεισα χειρι θεοφανους μοναχου και αναξιου ιερεως μονης των ιβηρων.*

68. COD. ADD. 5153

A.D. 1033

PLATES 124 AND 136

1. Gospel lectionary. 2. Ruling Type II, 33b. 3. Signatures missing. 4. Parchment thick, smooth, yellow. 5. Ink medium-brown, carmine. 6. Capitals and musical notes in carmine in the greater part of the manuscript, but sometimes in silver. Larger initials and geometrical headpieces in pink and blue. 7. Writing pendent from the ruled

lines, but sometimes straggling across them. 8. The colophon is at the end of the text and, although it has been inked over, is probably by the same hand: *ετελειωθη το αγιον ευαγγελιον δια [χειρος ιλ] αριονος μοναχου και πρεσβυτερου υπερ δε του δουναι τον μισθον ια ινδικτιωνος α ετους σφμα.*

69. COD. ADD. 17,470

A.D. 1033

PLATE 125

1. Tetraevangelion. 2. Ruling Type I, 40c. 3. Signatures missing. 4. Parchment medium-thick, very smooth, yellowish-white. 5. Ink medium to dark-brown, carmine. 6. Initials and Ammonian section numbers in gold in the first part of the ms. but only outlined in the latter part. Headpieces to the first two gospels in blue, red and gold, and outlined in carmine for the latter two. 7. Writing pendent from the ruled lines. 8. The colophon (metrical) is at the end, in the ink and a variation of the hand of the text:

*η των αγαθων, πραγματων αγγελια:—
ειληφε τελος, μηνι τω δεκεμβριω:—
ημερα μεν ην, τετρας τησ εβδομαδος:—*

*ινδικτος αννουσα δε, η δευτερα:—
χειρι γραφεισα, ευτελους πρεσβυτερου:—
συνεσιου τουνομα, παντων εσχατου·
οσοι δε χριστου υποκυπτοντες νομωι:—
κ'εν ηι εκποθου, σπουδαιωσ μελετωντες·
ευχεσθε αυτωι, τωι ταλανι πρεσβυτη·
οπως δια των υμων, ευχων παρασχοι·
χριστος αυτ'αφεςιν, πολλων οφληματων·
ινα και υμεις, μισθον ληψησθε παντες·
παρ'αυτου του αιροντος, τας αμαρτιας·
ετους σφμβ*

70. COD. ADD. 20,003

A.D. 1044

PLATE 126

1. Acts and Epistles. 2. Ruling Type I, 5a. 3. Signatures missing. 4. Parchment rather thick, smooth, yellowed-white. 5. Ink black. 6. No ornamentation. 7. Writing pendent from the ruled lines. 8. The colophon is at the end of the text, in the same ink and a variation of the same hand, though the leaf on which it is written is glued to a guard in the present binding: *εγραφη η πνευμα-*

τοκεινιτος και ιερα βιβλος αυτη· κατεπιτρωπειν του κυρου ιακωβ μοναχου και πρεσβυτερου και ιωαννου μοναχου· δια χειρος ιωαννου μοναχου· ετους $\overline{\varsigma\phi\eta\beta}$ · ινδικτιωνος $\overline{\iota\beta}$ μηνι απριλλιω $\overline{\kappa}$. The ι is an obvious slip of the pen, since with it the date makes no sense and if it is omitted the year and the indiction agree.

71. COD. BURN. 86

A.D. 1059(?)

PLATES 127-128

1. Homer. 2. Ruling Type I, 8b. 3. Some signatures, which may be original, are to be seen in the upper right-hand corner of the first recto of certain gatherings, though most of them are missing. 4. Parchment medium-thick to thick, very smooth, originally white on the flesh side. 5. Ink medium-brown, bright carmine. 6. Reference marks in carmine. 7. Writing pendent from the ruled

lines. 8. The colophon is at the end, in the hand and ink of the text: *ετελειωθη μηνι σεπτεμβριω $\overline{\iota\eta}$. ημερα $\overline{\zeta}$. ινδικτιωνος $\overline{\iota\gamma}$... $\overline{\phi}$.. The year is now illegible, but the ϕ is quite plain and 1014 and 1059 are the only years in the eleventh century when September 18th fell on a Saturday in a 13th indiction. We have therefore followed the date given in the catalogue of the British Museum.*

72. COD. ADD. 19,352

A.D. 1066

PLATES 129-130

1. Psalter. 2. Ruling Type I, 40c. 3. Signatures missing. 4. Parchment smooth, soft, white, varies all the way from thin to thick. 5. Ink medium-brown, carmine, gold. 6. Initials and elaborate miniatures in many colours. Small solid capitals and titloi in gold or in carmine. 7. Writing pendent from the ruled lines. 8. The colophon is in carmine and gold at the end of the text: *εσχεν ουν τελος η τοιαδε των θειων ψαλμων δελτος, κατα τον φεβρουαριον μηνα της*

$\overline{\delta}$ ινδικτιωνος του $\overline{\varsigma\phi\delta}$ ετους· επι τη γηι μεν γεγενημενου του θεσπεσιου πατρος και συγκελλου μιχαηλ· και καθηγουμενου της παναγεστατης και πανευφημου μονης. . . . χειρι δε γραφεν και χρυσογραφηθεν θεοδωρου μοναχου πρεσβυτερου της αυτης μονης και βιβλιογραφου του εκ καισαρειας· ης ποιμην και φωστηρ, ο κλεινος ωπται και λαμπρος βασιλειος· ο τω οντι μεγας και ων και καλουμενος:—

73. COD. HARL. 5537

A.D. 1087

PLATE 131

1. Acts and Epistles. 2. Ruling Type I, 34a. 3. Signatures in the lower middle of the first recto of each gathering, but they are perhaps not original. 4. Parchment medium-thick, smooth, supple, chalky, yellowed. 5. Ink medium-brown, carmine. 6. Capitals, division lines, and geometrical headpieces in carmine. 7. Writing pendent from the ruled lines. 8. Colophon at the end of the Epistle of Jude, in the same hand and in the carmine ink used elsewhere in the manuscript: *κυριε ιησου χριστε υιε και λογε του θεου· βοηθει τω σω δουλω ιωαννη μοναχω και πρεσβυτερω τω ελαχιστω· το του ασυ τω και επονομαζομενω τω τζουτζουνα*

θεματι του αιγεου πελαγου· βανδα του λακκου τα μιτα· τω και εν τω αρτανιω κατοικησαντι τω και γαμβρω του κυρου μανουηλ της μαρουδιας τω και εκ ποθω πολλω και μοχθω· κτησαμενω τη αγια βιβλω ταυτη· οι πνευματικοι αδελφοι και χριστιανοι ευχεσθε υπερ εμου· οπως ο θεος συγχωρησει μοι εκ των πολλων μου πταισματος και αμαρτηματων και αντελαβετω το πνευμα μου εις την βασιλειαν αυτου ετελειωθη δε ο αγιος αποστολος μετα και της αποκαλυψεως· μηνι μαιω ηγουν τη πεντηκοστη ινδικτιωνος $\overline{\iota}$ ετους $\overline{\varsigma\phi\varsigma\epsilon}$ βασιλευοντος αλεξιου του κομνηνου και νικολαου πατριαρχου του γραμματικου.

74. COD. ADD. 24,381

A.D. 1088 (?)

PLATE 132

1. Gregory Nazianzenus. 2. Ruling Type II, 33b. 3. Signatures missing. 4. Parchment medium-thick, smooth, white. 5. Ink dark-brown. 6. Some initials and one miniature in various colours. Small solid capitals in gold. 7. Writing pendent from the ruled lines. 8. The colophon was on the original cover and was copied by the officials of the British Museum as follows: το παρον βιβλιον υπαρχει της μονης του αγιου προτομαρτυρος και αρχιδιακονου στεφανου εισ την

πωγωνιανην· και ειναι αφ ου της εγραφτε ως την σημερον χρονος πεντακοσιοι ογδοηντα και ειναι (?) του αγιου γρηγοριου του θεολογου διδασχαισ πανυ αρχαιας (?), εγραψα ταυτην (?) σημερον αχξη· εγω ο ευτελης (?) ο ανθρωπος (?) δια να φαινεται εισ δοξα θεου. αμην. It is conceivable that the second ειναι may be εννεα, and that the improbable ο ανθρωπος may conceal some such name as "Anthony."

75. COD. ADD. 36,654

A.D. 1103 (?)

PLATE 133

1. Menology. 2. Ruling Type II, 22b. 3. Occasional signatures, which may be original, are found in the center of the upper or lower margin of the first recto of a gathering. 4. Parchment thin, supple, rather rough, yellow. 5. Ink medium or bright-brown, carmine. 6. Titloi and small solid capitals in carmine. 7. Writing pendent from the ruled lines. 8. There is no colophon. The date is found in a note, not in the same hand or the same ink as the manuscript, which records the time when the manuscript was

brought (from the Laura?) to the monastery of 'the beneficent Mother of God': προσαφειρωθη η βιβλος αυτη· τι μονι της παναγιας (?) (later correction ευεργετιδος) παρατου θεοφιλεστατου επισκοπου θεοδωρου ποθου (?)· μοναχου λαυριωτου· κατα τον φεβρουαριον μηνα της ια ινδικτιωνος· του σχια ετους· επι αθανασιου μοναχου πρεσβυτερου κατα χριστον (?) του και τηνηκαυτα καθειγουμενου υπερ ψυχης αυτου μνημης και αφεσεως των [αμαρτιων] αυτου· και οι τουτον μετερχωμενοι ευχεσθε υπερ αυτου + βιβλος μονης της ευεργετιδος θεοτοκου· +

76. COD. ADD. 28,270

A.D. 1111

PLATE 134

1. Novus Paradisus. 2. Ruling Type I, 10a. 3. Signatures in the upper right-hand corner of the first recto of each gathering. 4. Parchment medium-thick, very smooth, yellowed-white. 5. Ink medium-brown, medium-carmine. 6. Titloi, very simple headings and capitals in carmine.

7. Writing pendent from the ruled lines. 8. The colophon is at the end in the same hand and ink: εγραφη και ετελειωθη η παrouσα βιβλος οπερ εστιν το νεον παραδεισει· δια χειρος νικολαου· ευτελους καλλιγραφω· και ταπεινου χθαμαλου· μηνι αυγουστω εισ την γ̄ ημερα ε̄ εν ετει σχιθ̄ ινδικτιωνος δ̄:—

77. COD. ADD. 28,816

A.D. 1111

PLATES 135 AND 136

1. Acts and Epistles. 2. Ruling Type I, 15a. 3. Signatures in vermilion in the upper right-hand corner of the first recto of each gathering, and in brown ink in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 4. Parchment medium-thick, smooth, yellowed-white, crackly. 5. Ink medium and dark brown, vermilion. 6. Initials and geometrical headpieces in vermilion, blue, green and yellow. Capitals, titloi, and musical notes in vermilion. 7. Writing pendent from the ruled lines. 8. The colophon is at the end, in the same hand and ink: ετελειωθη χαριτι χριστου η ιερα και ψυχωφελης βιβλος αυτη· δια χειρος ανδρεα αμαρτωλου και παρ' αξιαν μοναχου· μηνι μαρτιω· ινδικτιωνος τεταρτης· ετους

κτισεως κοσμου· εξακισχιλιοστον· εξακοσιοστον· εννεα και δεκατον· εισ το ορος του πατρος κυρου μοναχου μελετιου της μεγαλης θεουπολεως εν τη μονη του σωτηρος· παρακαλω δε δυσωπωτε και δεομαι παντας τους εντυγχανοντας· τους τε εσθιοντας και αρρυσμεν[ουσ] της πνευματικης ταυτης τραπεζης· μνειαν μου ποιεισθε δια ιερας υμων προσευχης· πολλα γαρ εκοπιασα εν τρισιν ετεσι κτιζων αυτην· μη ουν υπεριδητε την οικτραν μου ταυτην δεησιν δια τον κυριον φιλοχριστοι αδελφοι και πατερες· και ει τι εσφαλον εξ ιδιωτιας συγχωρησατε ως χριστω μιμητοι· η χειρ η γραψασα σηπεται ταφω ο των χειρων μου τον κοπον λυσας χριστε μου και την αφεσιν διδου των εσφαλμενων· αμην γενοιτο χριστε μου θεου λογε· τελος εν ετει σχιθ̄ ινδικτιωνος δ̄.

78. COD. ARUND. 529

A.D. 1111

PLATE 137

1. Varia de Conciliis. 2. Ruling Type I, 24b. 3. Signatures missing. 4. Parchment medium-thick to thin, smooth, greyish-yellow. 5. Ink dark-brown and orange-vermilion. 6. Titloi and capitals in the vermilion ink. Some yellow wash beneath them. 7. Writing pendent from the ruled lines. 8. The colophon is at the end in the same

hand and ink as the text: *τελος των κατ' ἐκλογην της βιβλου· αναστασιου πρεσβυτερου αγιου ορουσ σινα· περι πιστεως της οικονομιας χριστου του υιου του θεου συλλεγετων:—ελαβε το προσηκον περασ η πανιερος αυτη βιβλος μηνι ιουνιω ζ' ινδικτιωνος δ' ετους σχιθ:—* 9. This manuscript is a palimpsest, the date and the above description applying to the later hand.

79. COD. ADD. 30,518

A.D. 1121 (?)

PLATES 138–139

1. Chrysostom. 2. Ruling Type I, 34a. 3. Signatures in the center of the lower margin of the first recto of each gathering. 4. Parchment medium-thick, rather rough and chalky, greyish-white on the flesh side and yellow on the hair side. 5. Ink medium to dark brown. 6. Capitals and geometrical headpieces in the ink of the text. 7. Writing usually pendent from the ruled lines, but sometimes on or

across them. 8. There is no colophon. The date is obtained from an almost illegible note across the upper margin of the first page, and is probably not contemporary with the writing of the manuscript:

..... ιη του αυγουστου . . .
 . . τεταρτη ετους σχκθ ινδικτιωνος ιδ' . . .

80. COD. HARL. 5786

A.D. 1153 (?)

PLATES 140–141

1. Psalter. 2. Ruling Type III, 2a. 3. Signatures in Latin letters in the center of the lower margin of the first recto of each gathering in vermilion ink, and in the center of the lower margin of the last verso of each gathering in brown ink. 4. Parchment medium-thick, smooth, yellowed, almost transparent. 5. Ink medium and dark-brown, carmine, vermilion. 6. Capitals in the Greek text

usually carmine, in the Latin text usually vermilion. 7. Writing in the Greek text pendent from the ruled lines. 8. The colophon is at the end of the text in Latin. It is so faded as to be almost illegible. Through a series of accidents it has as yet proved impossible to obtain a transcription or photograph.

81. COD. ADD. 5107

A.D. 1159

PLATES 142–143 AND 148

1. Tetraevangelion. 2. Ruling Type II, 19b. 3. Signatures missing. 4. Parchment medium-thick, smooth, yellow. 5. Ink medium-brown, carmine. 6. A miniature of the evangelist at the beginning of each gospel. Initials and geometrical headings in miniature style. Capitals,

canon tables, etc. in carmine. 7. Writing pendent from the ruled lines. 8. The colophon is at the end of the text, in the same hand and in the carmine ink used elsewhere in the manuscript: *εγραφη χειρι νηφωνος ευτελουσ και αμαρτωλου μοναχου μηνι απριλλιω ινδικτιωνος ζ' ετους σχξζ:*

82. COD. ADD. 22,736

A.D. 1179

PLATES 144–146

1. Tetraevangelion. 2. Ruling Type II, 17a. 3. Signatures missing. 4. Parchment thin to medium-thick, smooth, yellow. 5. Ink medium-dark greyish-brown, vermilion. 6. Each gospel is preceded by a miniature of the evangelist in a round frame. Eusebian canons, titloi, capitals and Ammonian sections in vermilion. 7. Writing pend-

ent from the ruled lines. 8. The colophon is at the end, in the same hand and in the vermilion ink used elsewhere in the manuscript: *επληρωθη το παρον αγιον ευαγγελιον δια χειρος ιωαννου αναγνωστου του θεολογου κατα μηνι ιουνιον ινδικτιωνος ιβ' ετους σχπζ:*

83. COD. BURN. 44

A.D. 1184

PLATES 147 AND 148

1. Martyrology. 2. Ruling Type II, 23a. 3. Signatures in the upper right-hand corner of the first recto of each gathering. 4. Parchment medium-thick, smooth, yellowed, except for some folia which are almost brown and heavily hair-marked. 5. Ink dark-brown, vermillion. 6. Hollow initials, small and solid capitals, titloi, and geometrical head-

pieces in vermillion. 7. Writing pendent from the ruled lines. 8. The colophon is at the end, in the same hand and ink: *επληρωθη συν θεω η παρουσα βιβλος εκ προσταξεως συνδρομης και εξοδου του αγιου πατρος ημων και καθηγουμενου, της μονης του κυριου και θεου και σωτηρος ημων ιησου χριστου, κυρου ιωασαφ· μηνι ιουλλιω ινδικτιωνος β̄ ετους σ̄χςβ̄.*

84. COD. ADD. 28,817

A.D. 1185

PLATES 149-150

1. Gospel Lectionary. 2. Ruling Type II, 33a. 3. Signatures in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 5. Ink black and vermillion. 6. Initials in vermillion, bright blue and olive green. Titloi in vermillion. 7. Writing pendent from the ruled lines. 8. The colophon is at the end in the same hand and ink: *συνεγραφη η πανιερος*

βιβλος ταυτη δια χειρος κοσμα μοναχου του εν μοναχοις αμαρτωλου μηνι ιουνιω θ̄ ετους σ̄χςγ̄ δια συνδρομης κυρου βασιλειου (?) του παπληνου χαριν αφεσεως των αμαρτιων αυτου και μνημης αυτου: ετελειωθη δε η ιερα βιβλος αυτη· παρα βοηθειας κυρου θεοδωρου του караβδου και της συμβιου αυτου κυρας ζωης εν τω οικω αυτων εν τω καστρω ζαγοριων· και ο θεος σωσει αυτους:—

85. COD. ADD. 36,753

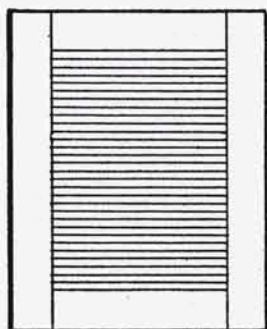
A.D. 1198

PLATE 151

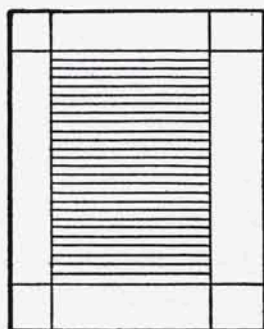
1. Florilegium. 2. No ruling. 3. Signatures in the upper right-hand corner of the first recto of each gathering and a cross in the upper left-hand corner of all the other rectos of the gathering and in the upper right-hand corner of all the versos. 4. Parchment medium-thick, smooth, chalky, yellowish-white. 5. Ink black and vermillion. 6. Small solid capitals and division lines in vermillion.

7. There are no lines for the writing. 8. The colophon is at the end, in a variation of the hand of the text and in the vermillion ink used elsewhere in the manuscript: *επληρωθη το παρον αναγνωστικον: δια χειρος εμου χριστοφορου ιερεως του κυλαδαι· μηνι σεπτεμβριω ιβ̄· ινδικτιωνος β̄ ετους σ̄ψζ̄: βασιλεοντος του ορθοδοξου· και φιλοχριστου αυτοκρατωρος ρωμαιων· κυρου αλεξιου του κομνηνου·*

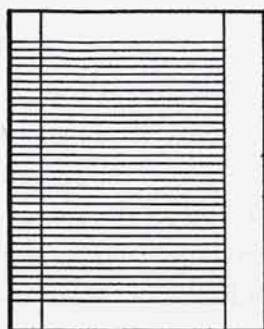




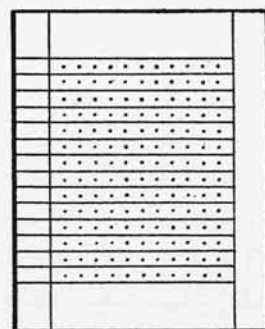
I,1a



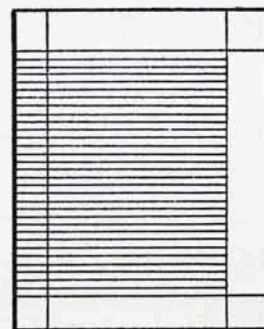
I,1b



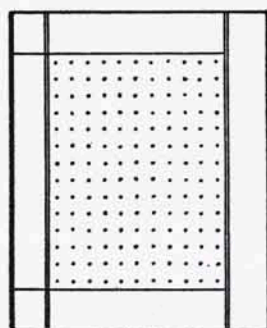
I,1c



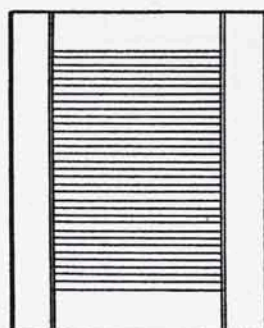
I,1d



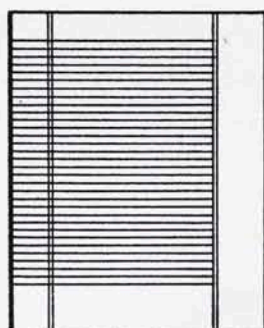
I,1e



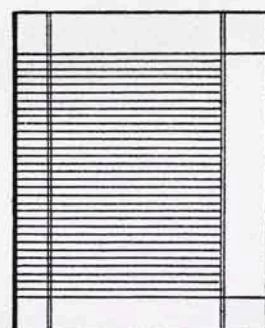
I,2a



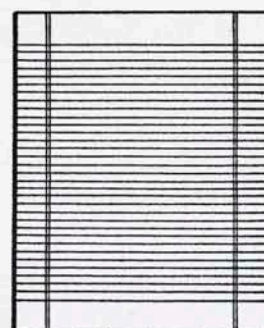
I,2b



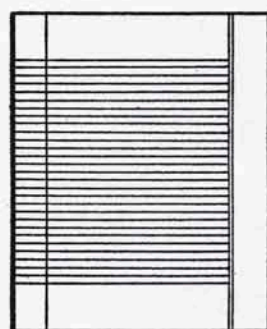
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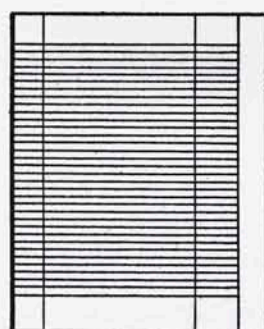
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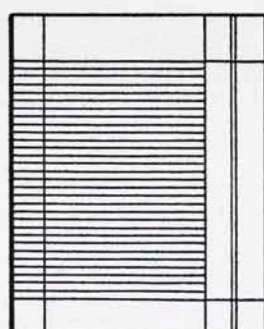
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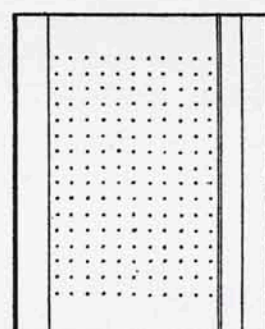
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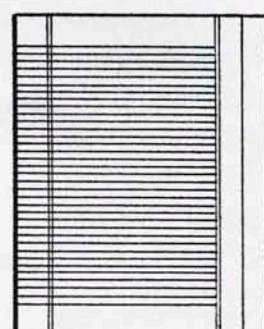
I,4a



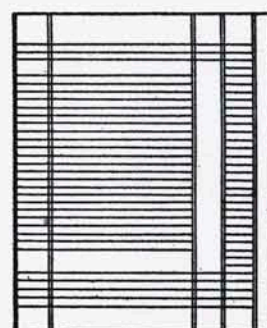
I,5a



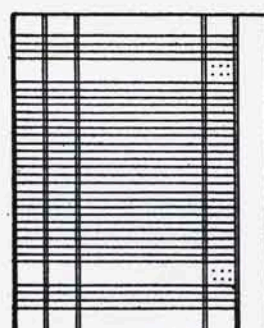
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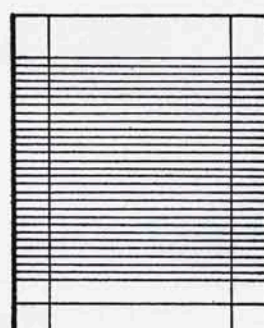
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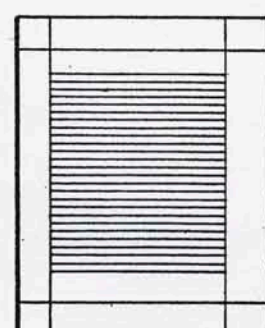
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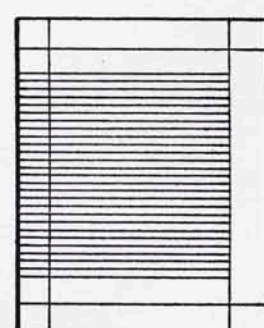
I,8b



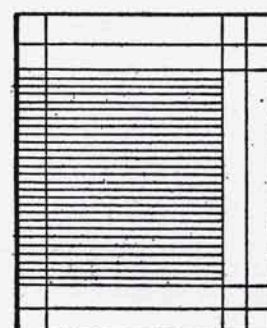
I,9a



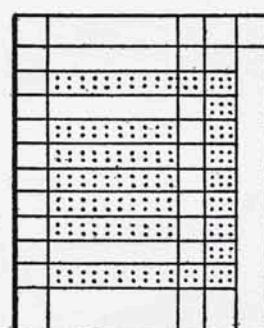
I,10a



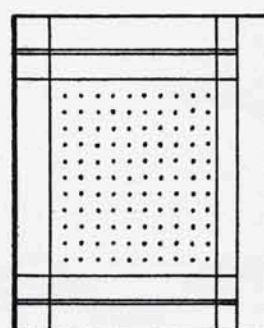
I,10b



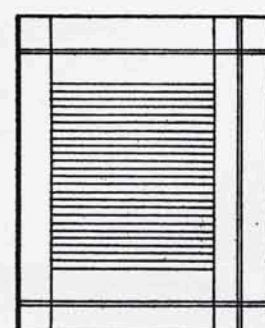
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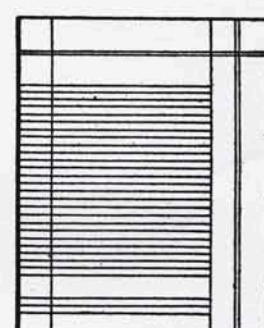
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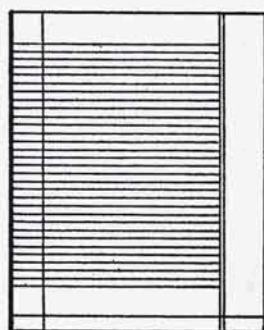
I,13a



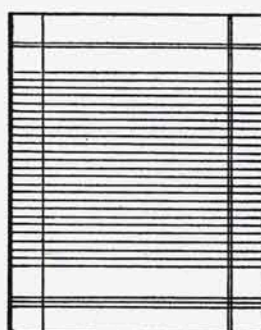
I,14a



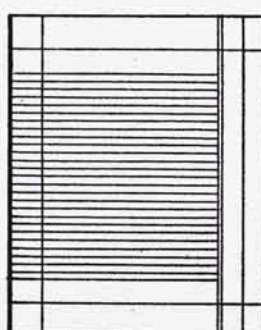
I,15a



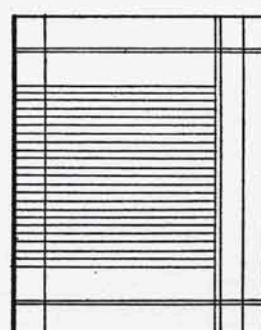
I,16a



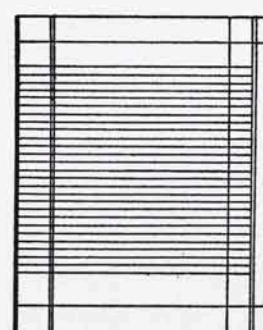
I,17a



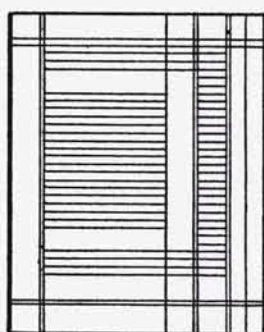
I,18a



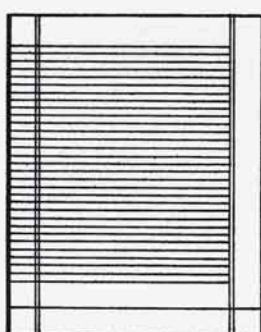
I,19a



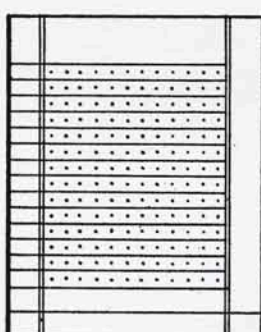
I,20a



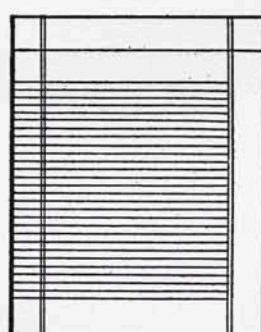
I,21a



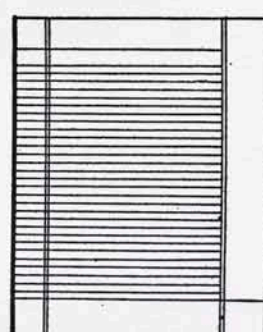
I,22a



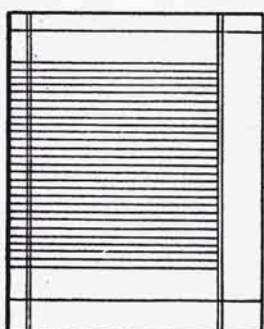
I,22b



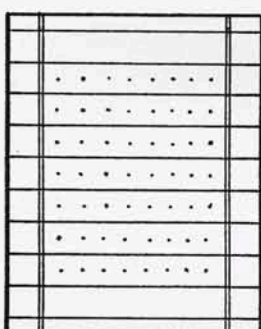
I,23a



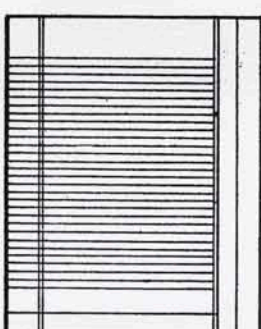
I,23b



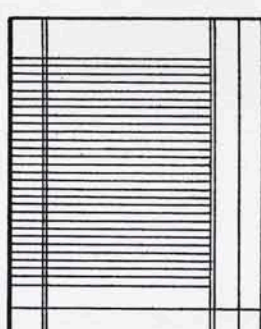
I,24a



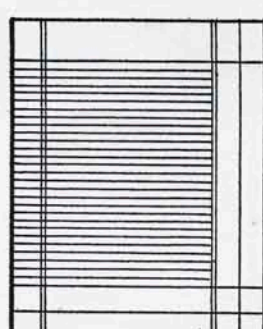
I,24b



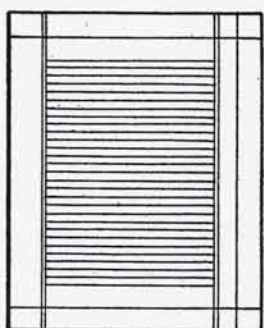
I,25a



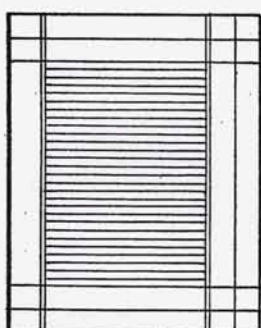
I,25b



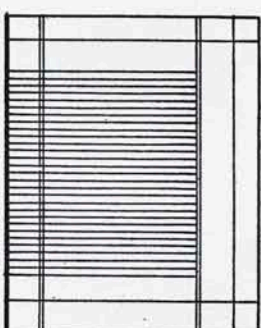
I,25c



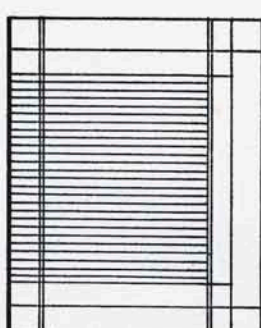
I,26a



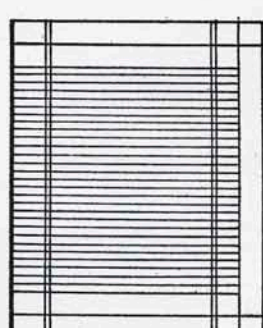
I,26b



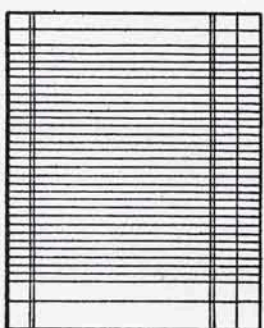
I,26c



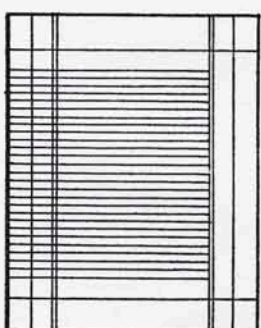
I,26d



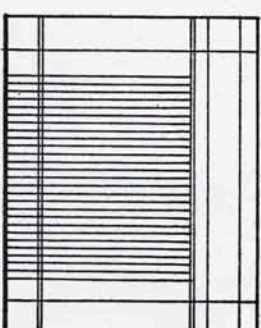
I,26e



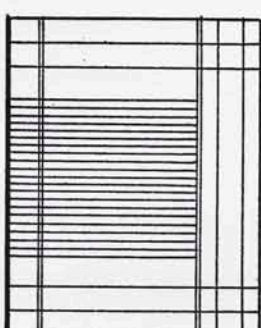
I,26f



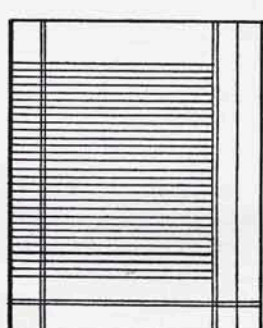
I,27a



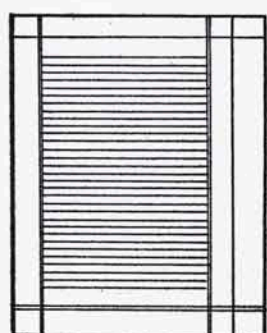
I,28a



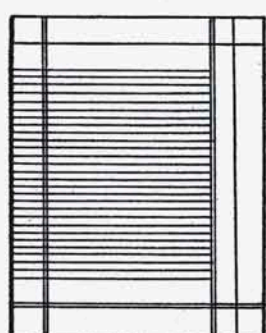
I,29a



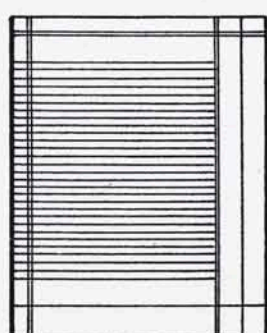
I,30a



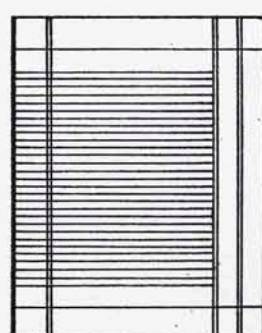
I,31a



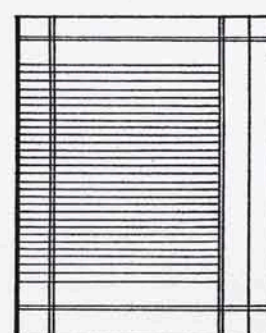
I,31b



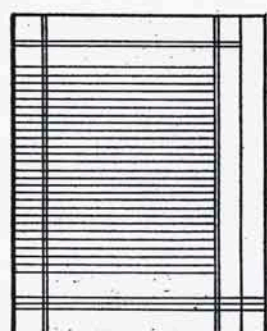
I,32a



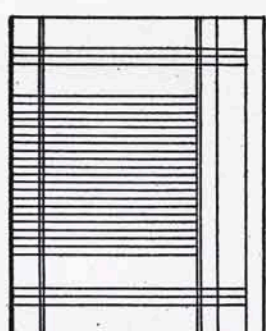
I,33a



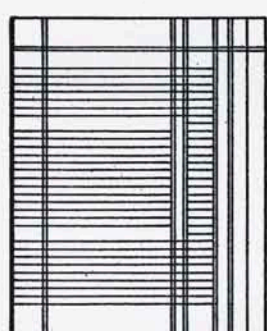
I,34a



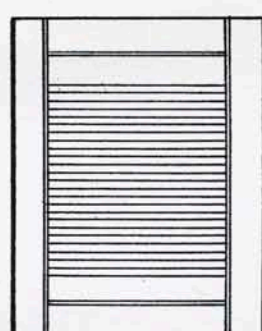
I,35a



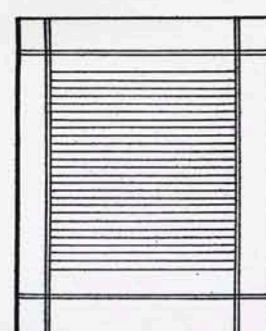
I,36a



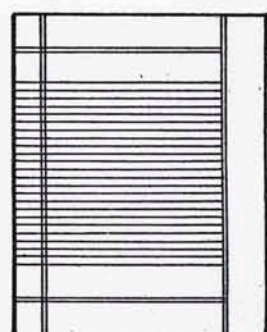
I,37a



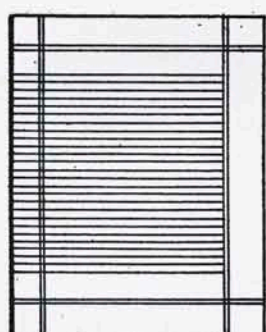
I,38a



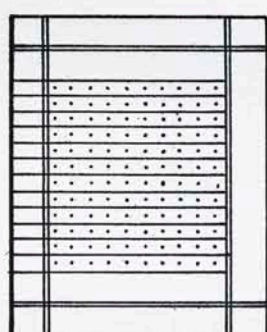
I,38b



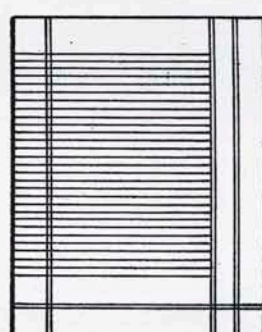
I,38c



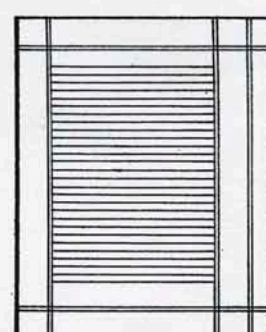
I,38d



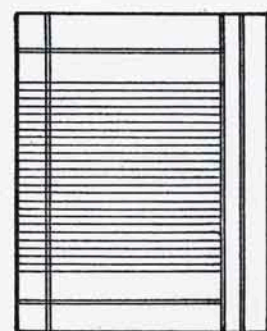
I,38e



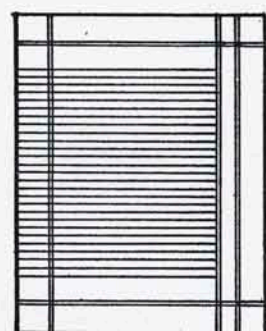
I,39a



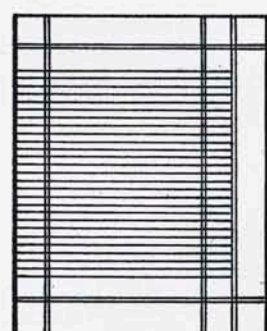
I,40a



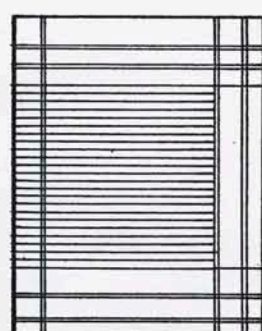
I,40b



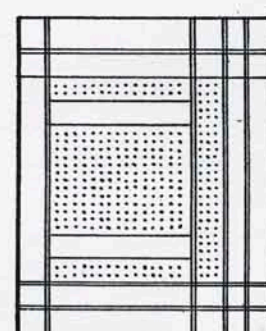
I,40c



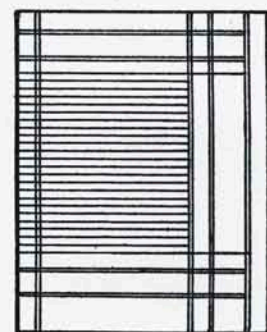
I,40d



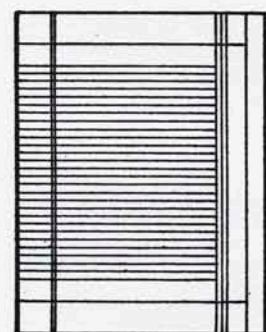
I,41a



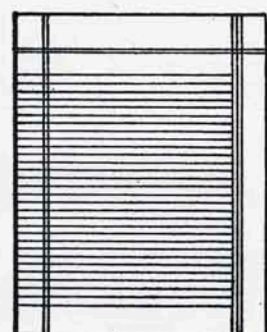
I,42a



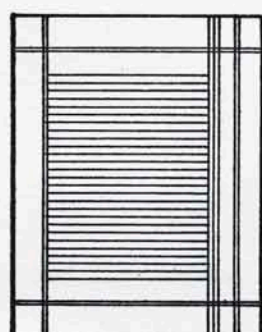
I,43a



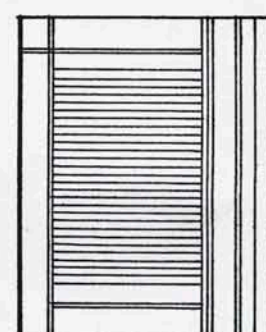
I,44a



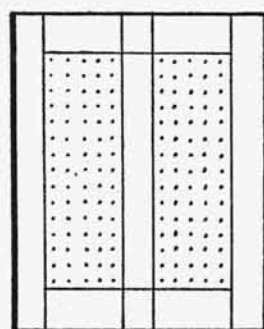
I,45a



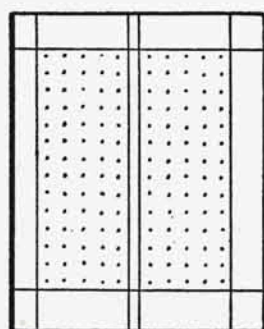
I,46a



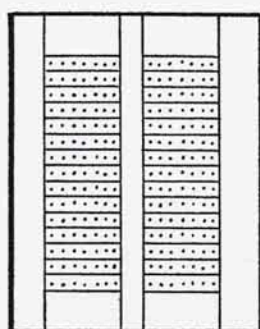
I,47a



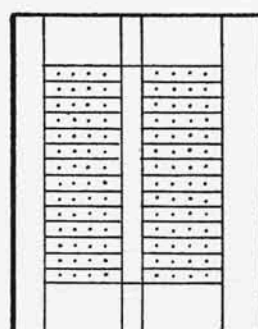
II,1a



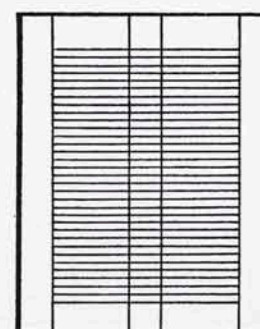
II,1b



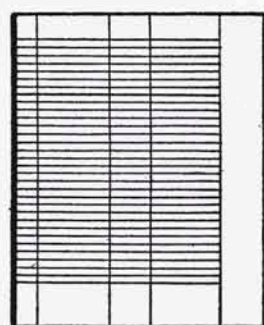
II,1c



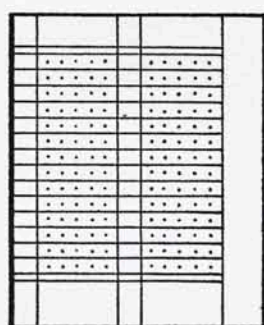
II,1d



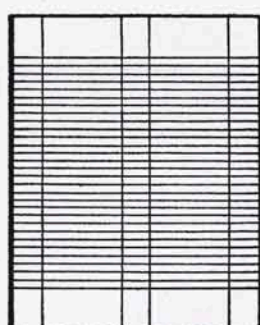
II,1e



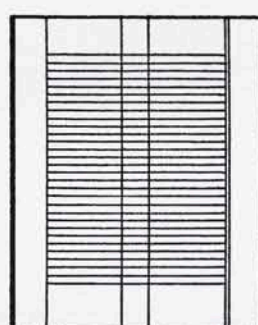
II,1f



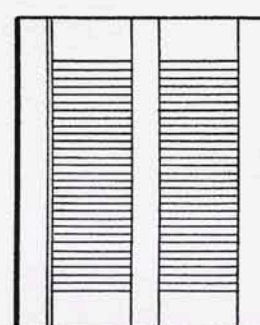
II,1g



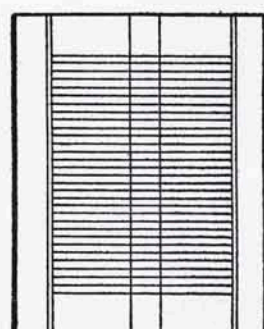
II,1h



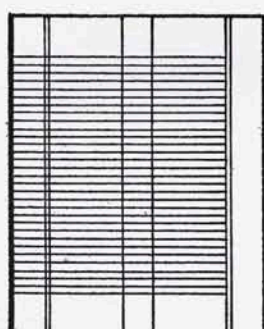
II,2a



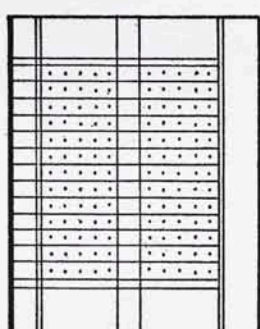
II,3a



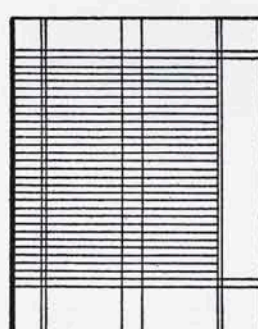
II,4a



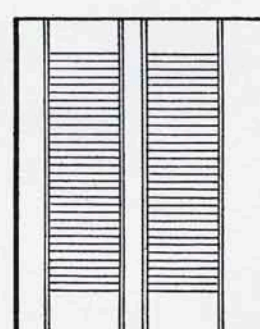
II,4b



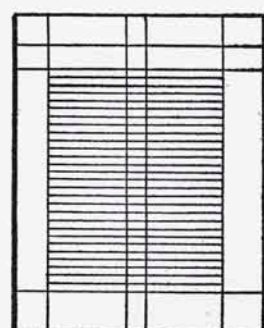
II,4c



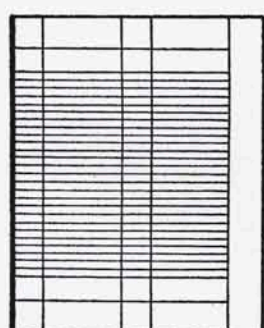
II,4d



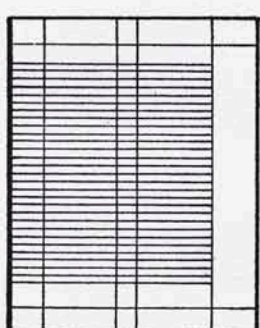
II,5a



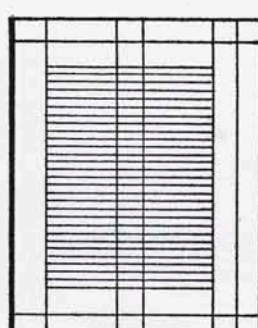
II,6a



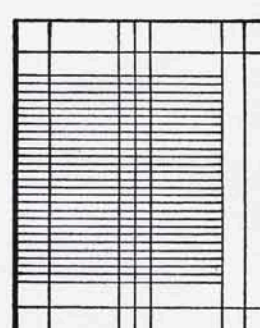
II,7a



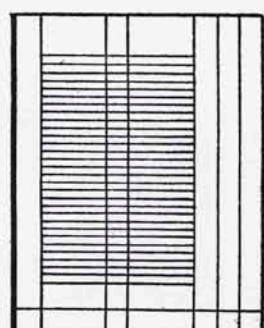
II,7b



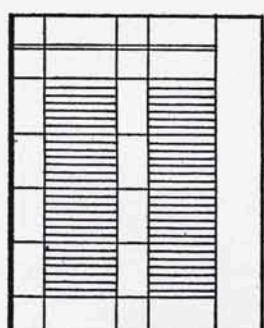
II,8a



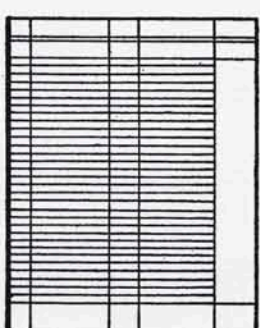
II,8b



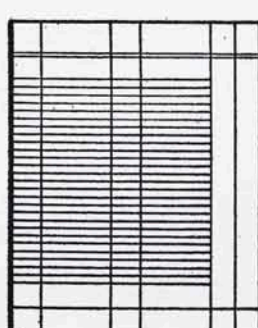
II,9a



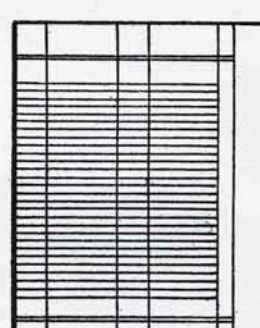
II,10a



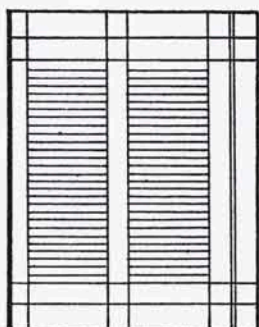
II,10b



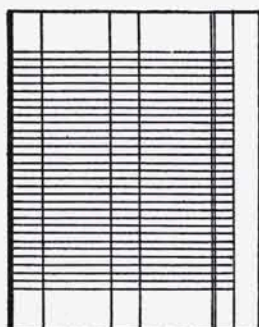
II,11a



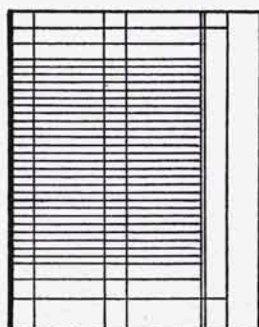
II,12a



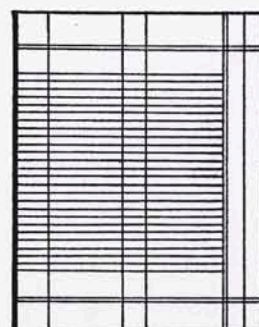
II,13 a



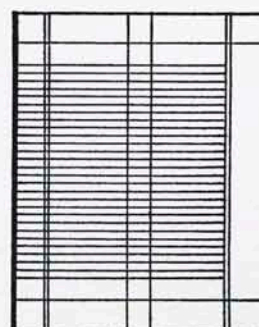
II,14a



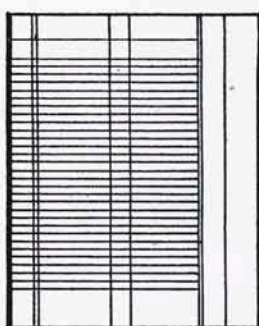
II,15a



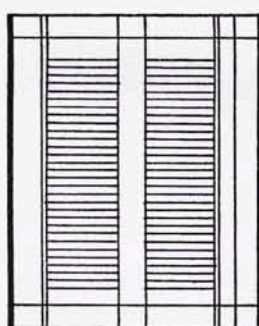
II,16a



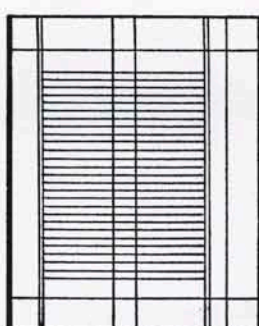
II,17a



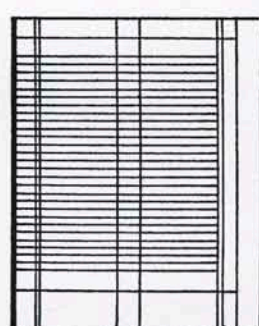
II,18a



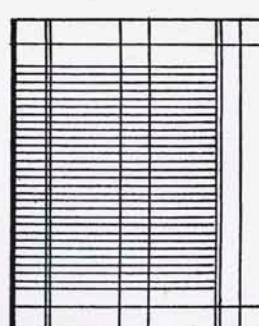
II,19a



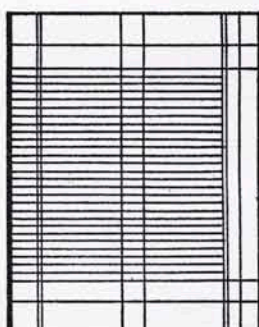
II,19b



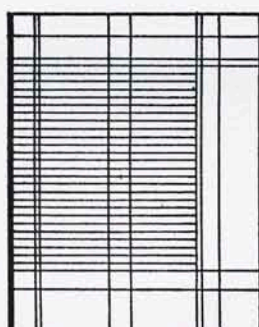
II,19c



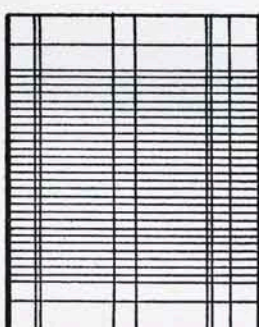
II,19d



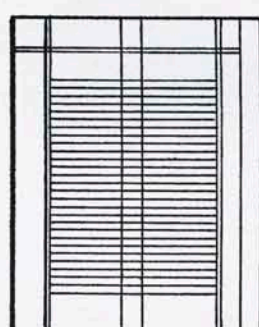
II,19e



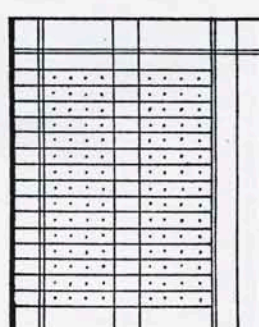
II,19f



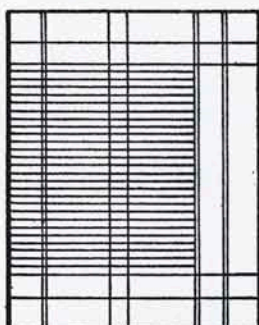
II,19g



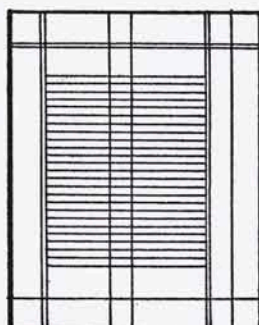
II,20a



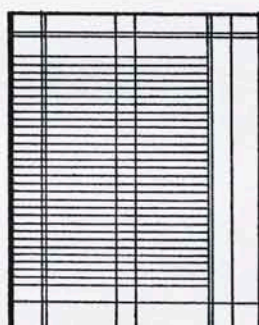
II,20b



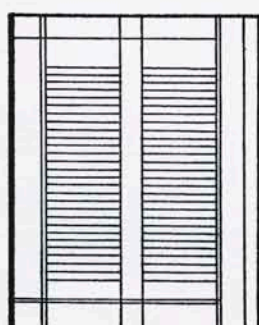
II,21a



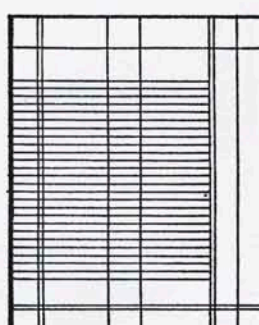
II,22a



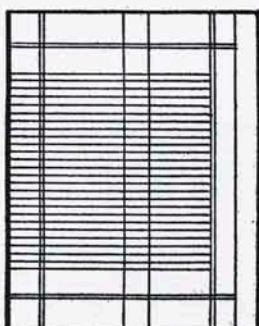
II,22b



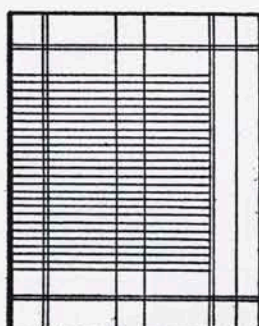
II,23a



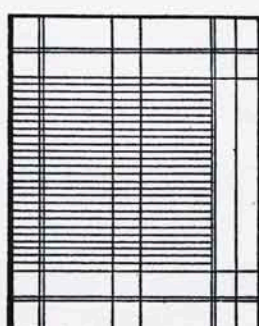
II,23b



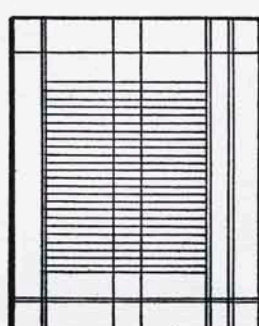
II,24a



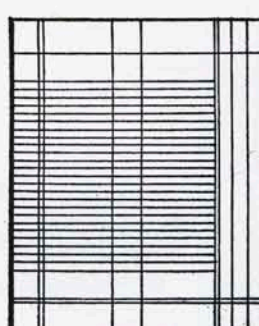
II,24b



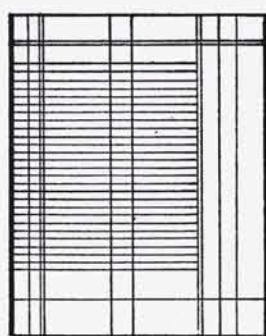
II,24c



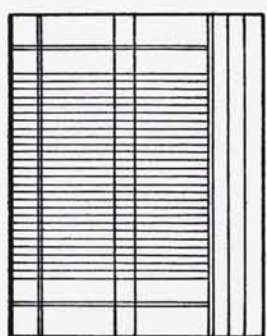
II,25a



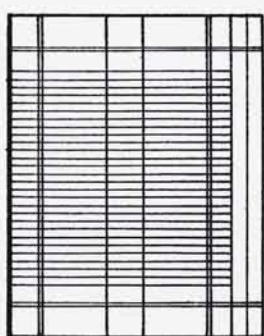
II,26a



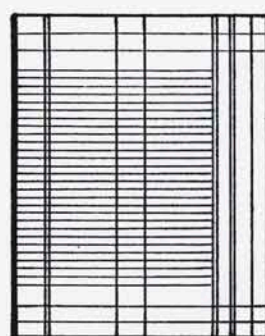
II,27a



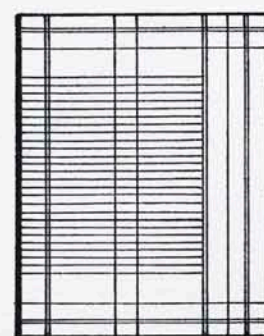
II,28a



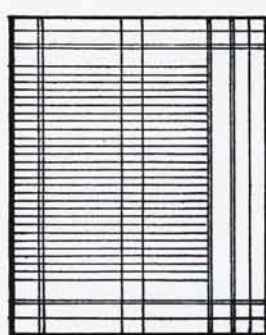
II,28b



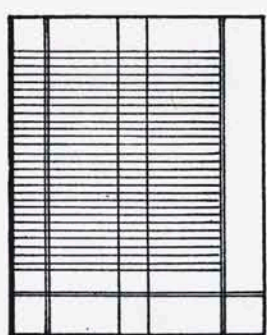
II,29a



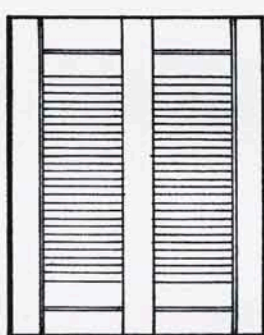
II,30a



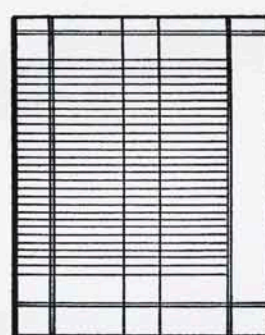
II,31a



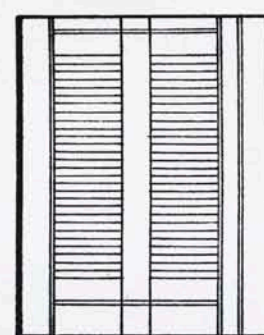
II,32a



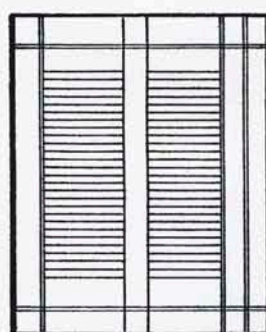
II,33a



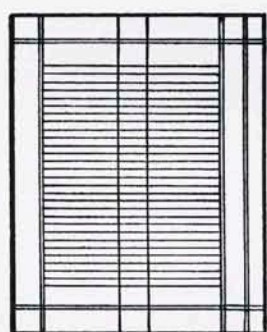
II,33b



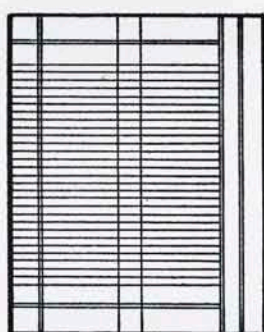
II,34a



II,34b



II,34c



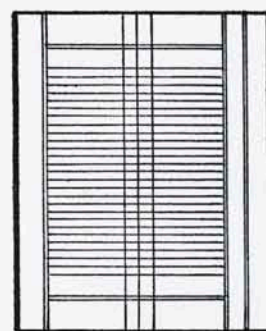
II,34d



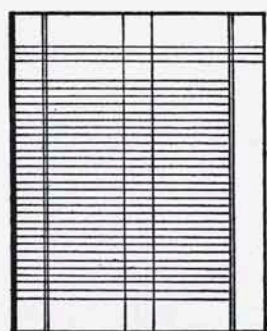
II,34e



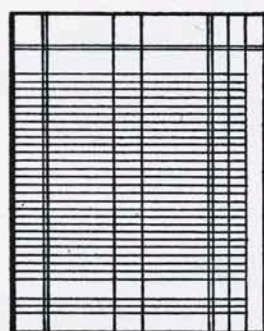
II,34f



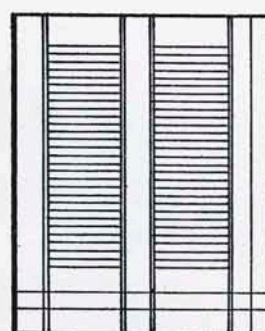
II,34g



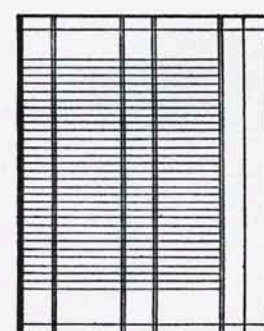
II,35a



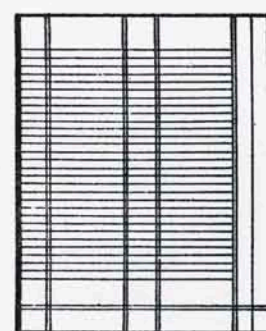
II,36a



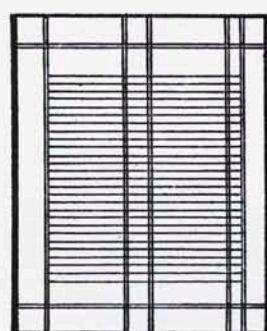
II,37a



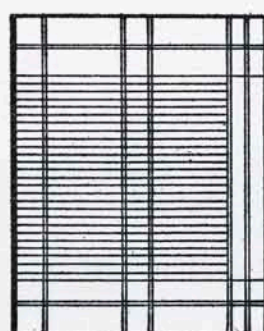
II,38a



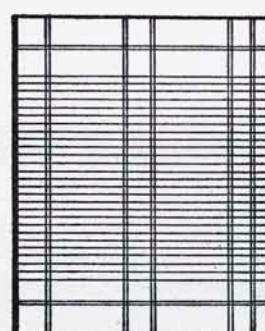
II,39a



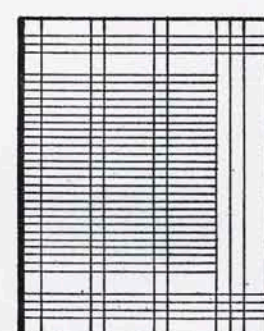
II,40a



II,40b



II,40c



III,1a