

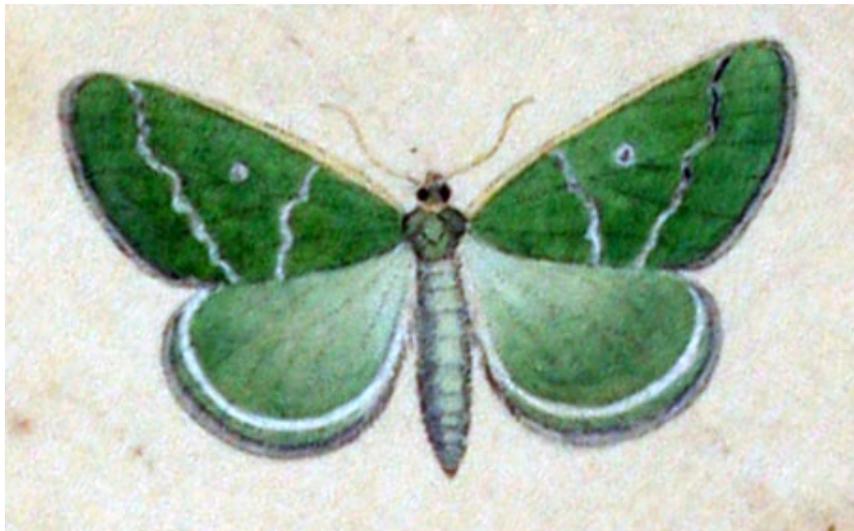
Recueil de Lépidoptères d'Europe, Tome III.

Zweites Exemplar.

Jakob Hübner

1798

Unbenannt.



Dieses Buch wurde von www.BioLib.de produziert.

Es steht unter dem Schutz der GNU Free Document License. Weitergabe und Kopieren sind ausdrücklich erwünscht.

Bei Verwendung von Teilen und Abbildungen bitten wir um die Nennung von www.BioLib.de als Quelle.

Copyright (c) 2008 Kurt Stüber.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts.

A copy of the license is included in the section entitled "GNU Free Documentation License".

Das Original des Werkes wurde freundlicherweise von der Bibliothek des Museum König zur Verfügung gestellt. Einscannen und Bearbeitung durch Kurt Stüber, Mai 2009.

This book has been created using the program `make_book.pl`, version: 4.0, Date: 2009-May-27

Index: lateinische zoologische Namen

Geometra abietaria --> Seite 31
Geometra absinthiata --> Seite 89
Geometra accraria --> Seite 36
Geometra aceraria --> Seite 100
Geometra achatinata --> Seite 59 80
Geometra acmulata --> Seite 88
Geometra adspersaria --> Seite 40
Geometra adustata --> Seite 16
Geometra advenaria --> Seite 10
Geometra aeruginaria --> Seite 10
Geometra aescularia --> Seite 37
Geometra aestimaria --> Seite 65
Geometra albicillata --> Seite 16
Geometra albulata --> Seite 51
Geometra alchemillata --> Seite 51 72
Geometra alinaria --> Seite 6
Geometra alpestrata --> Seite 63
Geometra alphinata --> Seite 39
Geometra alpinaria --> Seite 35 100
Geometra alternaria --> Seite 62
Geometra amataria --> Seite 11 102
Geometra ambustaria --> Seite 109
Geometra amniculata --> Seite 76
Geometra angularia --> Seite 6
Geometra antophilaria --> Seite 85
Geometra apiciaria --> Seite 10
Geometra aptata --> Seite 68
Geometra aquata --> Seite 80
Geometra aqueata --> Seite 69
Geometra arcuaria --> Seite 27
Geometra arenacearia --> Seite 22
Geometra artesiaria --> Seite 4
Geometra asetivaria --> Seite 3
Geometra asinata --> Seite 110
Geometra asperaria --> Seite 95
Geometra atomaria --> Seite 26 103
Geometra aurantiaria --> Seite 36
Geometra aureolaria --> Seite 13
Geometra auritaria --> Seite 82
Geometra auroraria --> Seite 13
Geometra aversaria --> Seite 12 76
Geometra badiata --> Seite 57
Geometra bajaria --> Seite 38
Geometra bajularia --> Seite 2
Geometra belgiaria --> Seite 27
Geometra berberata --> Seite 57
Geometra betularia --> Seite 34
Geometra bilineata --> Seite 52
Geometra bipunctata --> Seite 54
Geometra bischoffaria --> Seite 113
Geometra blandiata --> Seite 51

Index: lateinische zoologische Namen

Geometra boreata --> Seite 81
Geometra breviculata --> Seite 114
Geometra brumata --> Seite 38 81 100
Geometra bupleuraria --> Seite 3
Geometra caesiata --> Seite 54
Geometra calabraria --> Seite 11 71 106
Geometra caliginearia --> Seite 112
Geometra canaria --> Seite 67
Geometra cancellaria --> Seite 63
Geometra candidaria --> Seite 20
Geometra capreolaria --> Seite 40
Geometra cararia --> Seite 9
Geometra carbonaria --> Seite 29 106
Geometra carpinaria --> Seite 6
Geometra castigata --> Seite 90
Geometra cebraria --> Seite 25
Geometra centauroata --> Seite 47
Geometra certata --> Seite 110
Geometra cervinata --> Seite 52 63
Geometra chaerophyllata --> Seite 39
Geometra chalybeata --> Seite 68
Geometra chenopodiata --> Seite 59
Geometra chrysitaria --> Seite 108
Geometra cineraria --> Seite 33
Geometra cinetaria --> Seite 32
Geometra cingularia --> Seite 41
Geometra circuitaria --> Seite 98
Geometra citraria --> Seite 41
Geometra citriaria --> Seite 104
Geometra clathraria --> Seite 26
Geometra cloraria --> Seite 69
Geometra clusterata --> Seite 90
Geometra coarctata --> Seite 43
Geometra collata --> Seite 105
Geometra comitata --> Seite 61
Geometra commutataria --> Seite 99
Geometra concordaria --> Seite 101
Geometra concordiaria --> Seite 25
Geometra congeneraria --> Seite 34
Geometra consignata --> Seite 48
Geometra consobrinaria --> Seite 30
Geometra consonaria --> Seite 31
Geometra consortaria --> Seite 33
Geometra conspersaria --> Seite 27
Geometra conspicuaria --> Seite 23
Geometra contaminaria --> Seite 69
Geometra contaureata --> Seite 89
Geometra contiguaria --> Seite 21
Geometra conversaria --> Seite 63 77
Geometra coraciata --> Seite 55
Geometra cordiaria --> Seite 9 67

Index: lateinische zoologische Namen

Geometra coronata --> Seite 73
Geometra coronillaria --> Seite 94
Geometra corticaria --> Seite 33
Geometra crataegaria --> Seite 7
Geometra crepuscularia --> Seite 31
Geometra cribaria --> Seite 17
Geometra cruentaria --> Seite 11
Geometra cupressata --> Seite 108
Geometra cyanata --> Seite 63
Geometra cythisaria --> Seite 2
Geometra dealbaria --> Seite 42
Geometra dealbata --> Seite 103
Geometra debiliata --> Seite 91 92
Geometra decolorata --> Seite 48
Geometra decoraria --> Seite 15
Geometra decussaria --> Seite 42
Geometra defoliaria --> Seite 36 100
Geometra degeneraria --> Seite 12
Geometra degenerata --> Seite 79
Geometra delunaria --> Seite 8
Geometra denotata --> Seite 89
Geometra dentaria --> Seite 4
Geometra derivata --> Seite 57
Geometra dianaria --> Seite 95
Geometra dilectaria --> Seite 9
Geometra dilucidaria --> Seite 28
Geometra dilutaria --> Seite 20 113
Geometra dilutata --> Seite 37
Geometra disparata --> Seite 48
Geometra diversaria --> Seite 40
Geometra dolabraria --> Seite 9
Geometra donzelaria --> Seite 111
Geometra dubitata --> Seite 52
Geometra duplicaria --> Seite 41
Geometra duplicata --> Seite 96
Geometra duponchelaria --> Seite 111
Geometra elinguararia --> Seite 5
Geometra elutata --> Seite 44 75
Geometra emarginaria --> Seite 21
Geometra emucidaria --> Seite 83
Geometra emutaria --> Seite 64
Geometra enphorbiaria --> Seite 16
Geometra erosaria --> Seite 6 86
Geometra evonymaria --> Seite 7 84
Geometra exalbata --> Seite 93
Geometra exiguata --> Seite 74
Geometra extersaria --> Seite 31
Geometra extimaria --> Seite 5
Geometra extremata --> Seite 47
Geometra faecataria --> Seite 98
Geometra fasciaria --> Seite 2 88

Index: lateinische zoologische Namen

Geometra favillacea --> Seite 27
Geometra ferrugata --> Seite 56 90
Geometra filicata --> Seite 47
Geometra fimbriolaria --> Seite 92
Geometra firmata --> Seite 101
Geometra flaveolaria --> Seite 67
Geometra flavicaria --> Seite 9
Geometra flavicinctata --> Seite 69
Geometra flexularia --> Seite 5
Geometra fluctuata --> Seite 49
Geometra fluviata --> Seite 55
Geometra fulvata --> Seite 58
Geometra fumidaria --> Seite 102
Geometra funerata --> Seite 51
Geometra furvaria --> Seite 28
Geometra fuscaria --> Seite 78
Geometra galiata --> Seite 54
Geometra gemmata --> Seite 56
Geometra gesticularia --> Seite 93
Geometra gilvaria --> Seite 39 104
Geometra glabraria --> Seite 32 66
Geometra glarearia --> Seite 26
Geometra glaucinaria --> Seite 29
Geometra grisearia --> Seite 42
Geometra grossulariaria --> Seite 17
Geometra gyraria --> Seite 105
Geometra gyrata --> Seite 85
Geometra hastata --> Seite 50
Geometra hastulata --> Seite 70
Geometra hepararia --> Seite 12
Geometra herbaria --> Seite 80
Geometra hexapterata --> Seite 45
Geometra hippocastanaria --> Seite 37
Geometra hirlaria --> Seite 34
Geometra hispidaria --> Seite 35
Geometra honoraria --> Seite 4 5
Geometra horridaria --> Seite 29 61 113
Geometra hortaria --> Seite 30
Geometra hybridata --> Seite 97
Geometra ilicaria --> Seite 112
Geometra illibaria --> Seite 41
Geometra illunaria --> Seite 8
Geometra illustraria --> Seite 8
Geometra imbutata --> Seite 79
Geometra imitaria --> Seite 11
Geometra immoraria --> Seite 26
Geometra immutaria --> Seite 21
Geometra impluviata --> Seite 44
Geometra impurata --> Seite 68
Geometra incanaria --> Seite 21
Geometra incursata --> Seite 68

Index: lateinische zoologische Namen

Geometra indigata --> Seite 78
Geometra innotata --> Seite 87
Geometra inconspicuaria --> Seite 98
Geometra inturbata --> Seite 91
Geometra irriguata --> Seite 78
Geometra jacularia --> Seite 85
Geometra jourdanaria --> Seite 108
Geometra juniperata --> Seite 58
Geometra lacernaria --> Seite 83
Geometra laevigaria --> Seite 15
Geometra lapidata --> Seite 64
Geometra lentisoaria --> Seite 114
Geometra leucophaearia --> Seite 38
Geometra lichenaria --> Seite 32
Geometra lignata --> Seite 53
Geometra ligustrata --> Seite 56
Geometra limbaria --> Seite 102
Geometra limosaria --> Seite 70
Geometra linariata --> Seite 47
Geometra linearia --> Seite 14
Geometra lineolata --> Seite 61
Geometra lituraria --> Seite 12 62
Geometra lividaria --> Seite 27
Geometra lobulata --> Seite 71
Geometra luctuata --> Seite 50
Geometra lunaria --> Seite 8 89
Geometra lutearia --> Seite 20
Geometra lythoxylata --> Seite 43
Geometra macularia --> Seite 26
Geometra margaritaria --> Seite 4
Geometra marginaria --> Seite 16 106
Geometra marmorata --> Seite 55
Geometra mediaria --> Seite 98
Geometra melanaria --> Seite 17
Geometra mensurata --> Seite 38
Geometra miata --> Seite 58
Geometra minutata --> Seite 46 89
Geometra modicata --> Seite 71
Geometra moeniata --> Seite 59
Geometra molluginata --> Seite 72
Geometra monilaria --> Seite 13
Geometra montanata --> Seite 49
Geometra mucidaria --> Seite 29
Geometra munda --> Seite 73 105
Geometra munitata --> Seite 67
Geometra murinaria --> Seite 22 26
Geometra muscosata --> Seite 114
Geometra nävaria --> Seite 16
Geometra nanata --> Seite 76
Geometra nebulata --> Seite 110
Geometra nemoraria --> Seite 18

Index: lateinische zoologische Namen

Geometra nespertata --> Seite 44
Geometra nexata --> Seite 79 83
Geometra nigricaria --> Seite 36
Geometra nivearia --> Seite 42
Geometra notaria --> Seite 64
Geometra notataria --> Seite 12 62
Geometra nubilaria --> Seite 42
Geometra nullaria --> Seite 5
Geometra nycthemararia --> Seite 109
Geometra obelisata --> Seite 58
Geometra obfuscaria --> Seite 28
Geometra obliquata --> Seite 44
Geometra obliquata --> Seite 83
Geometra obscuraria --> Seite 28
Geometra obtusaria --> Seite 76
Geometra ocellaria --> Seite 14
Geometra ocellata --> Seite 49
Geometra olivata --> Seite 60
Geometra omicronaria --> Seite 14
Geometra ononaria --> Seite 19
Geometra opacaria --> Seite 97
Geometra operaria --> Seite 70
Geometra orbicularia --> Seite 13
Geometra ornataria --> Seite 15
Geometra ossearia --> Seite 20
Geometra ostrinaria --> Seite 84
Geometra pallidaria --> Seite 19
Geometra palumbata --> Seite 43
Geometra pantaria --> Seite 17
Geometra papilionaria --> Seite 3
Geometra paralellaria --> Seite 10
Geometra partitaria --> Seite 73
Geometra pectinaria --> Seite 7
Geometra peletieraria --> Seite 111
Geometra pendularia --> Seite 14
Geometra pennaria --> Seite 4
Geometra pennigeraria --> Seite 71
Geometra penulataria --> Seite 99
Geometra peribolata --> Seite 93
Geometra permutataria --> Seite 18 99
Geometra petraria --> Seite 22
Geometra petrificata --> Seite 53
Geometra picata --> Seite 85
Geometra picearia --> Seite 107
Geometra pilosaria --> Seite 35 114
Geometra pimpinellata --> Seite 87
Geometra pinetaria --> Seite 25
Geometra piniaria --> Seite 23 92
Geometra plagiata --> Seite 43
Geometra plumaria --> Seite 24
Geometra plumistaria --> Seite 25 82

Index: lateinische zoologische Namen

Geometra politaria --> Seite 13
Geometra pollutaria --> Seite 16
Geometra polycommata --> Seite 37
Geometra polygrammata --> Seite 55
Geometra pomonaria --> Seite 35
Geometra populata --> Seite 59
Geometra praeformata --> Seite 104
Geometra prasinaria --> Seite 2
Geometra pravata --> Seite 85
Geometra procellata --> Seite 49
Geometra prodromaria --> Seite 34
Geometra progemmaria --> Seite 36
Geometra propugnata --> Seite 56
Geometra prunaria --> Seite 24 107
Geometra prunata --> Seite 60
Geometra psittacata --> Seite 44
Geometra pullaria --> Seite 28
Geometra pulveraria --> Seite 40
Geometra pumilata --> Seite 76
Geometra punctaria --> Seite 14 110
Geometra punctularia --> Seite 62 106
Geometra pupillaria --> Seite 14
Geometra purpuraria --> Seite 39
Geometra pusaria --> Seite 18
Geometra pusillaria --> Seite 20
Geometra pusillata --> Seite 74
Geometra putataria --> Seite 3
Geometra pygmaearia --> Seite 66
Geometra pygmaeata --> Seite 46
Geometra pyraliata --> Seite 59
Geometra pyropata --> Seite 64
Geometra quadrifasciata --> Seite 56
Geometra quercaria --> Seite 81
Geometra quercinaria --> Seite 6
Geometra quinquaria --> Seite 101
Geometra rectangularata --> Seite 46
Geometra remutaria --> Seite 19
Geometra renitidata --> Seite 95
Geometra renularia --> Seite 65
Geometra repantaria --> Seite 31
Geometra residuata --> Seite 92
Geometra respersaria --> Seite 24 80
Geometra reticulata --> Seite 61
Geometra rhamnata --> Seite 53 78
Geometra rhombodairia --> Seite 96
Geometra rhomboidaria --> Seite 30 33
Geometra riguata --> Seite 70
Geometra rippertaria --> Seite 111
Geometra rivata --> Seite 80
Geometra rivulata --> Seite 51
Geometra roboraria --> Seite 33

Index: lateinische zoologische Namen

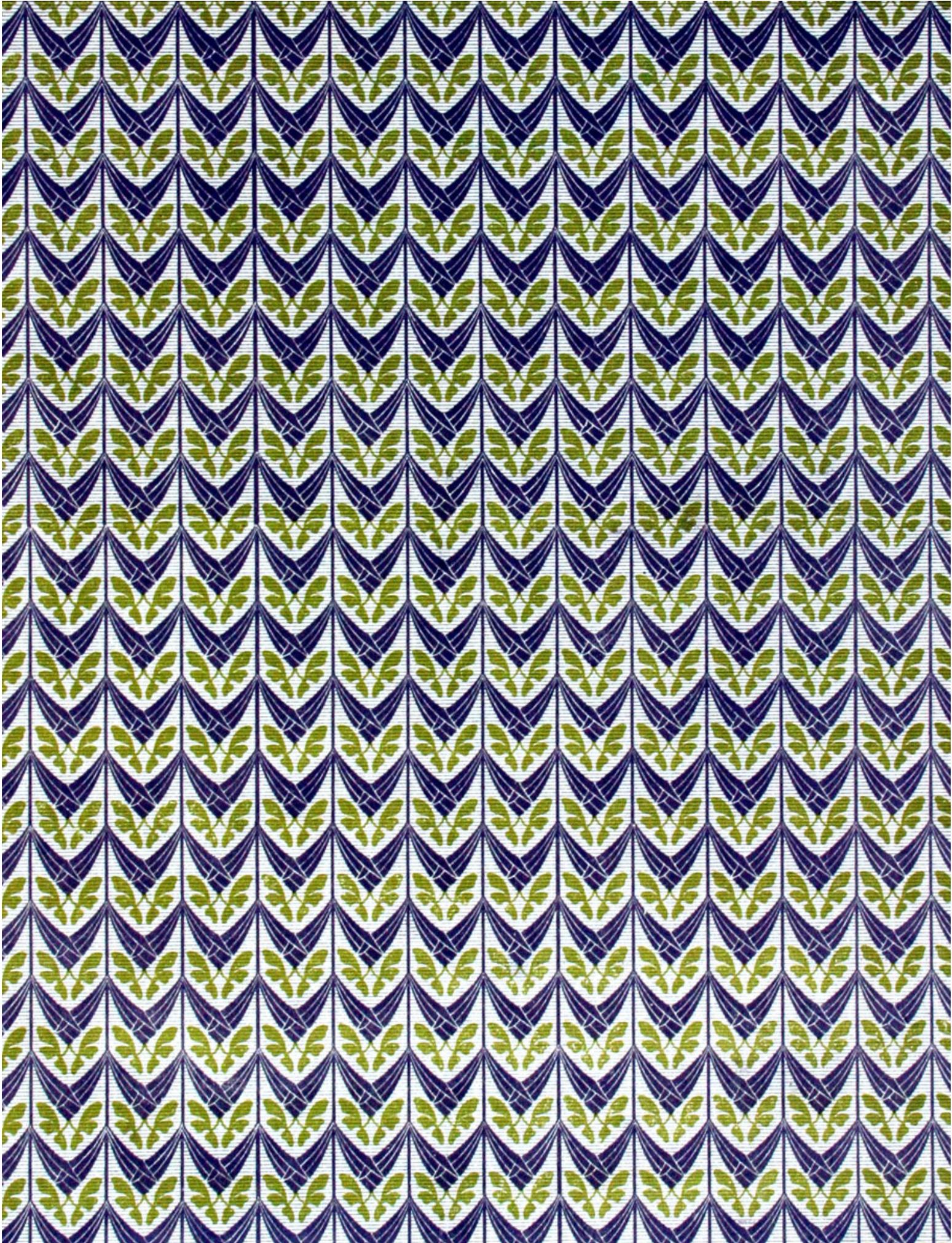
Geometra roscidaria --> Seite 65
Geometra roseidaria --> Seite 25
Geometra rubidata --> Seite 57
Geometra rubiginata --> Seite 49
Geometra rubricaria --> Seite 22 95
Geometra rufaria --> Seite 22
Geometra rupestrata --> Seite 38
Geometra rupicaprararia --> Seite 43 100
Geometra ruptata --> Seite 58
Geometra russata --> Seite 60 87
Geometra rusticata --> Seite 47
Geometra sabaudiata --> Seite 112
Geometra sabinata --> Seite 107
Geometra sacraria --> Seite 39
Geometra salicata --> Seite 54
Geometra sambucaria --> Seite 7
Geometra sartata --> Seite 110
Geometra satyrata --> Seite 86
Geometra scabrata --> Seite 45
Geometra scripturata --> Seite 54
Geometra scutullaria --> Seite 15
Geometra secundaria --> Seite 30
Geometra selenaria --> Seite 32
Geometra sericeata --> Seite 79
Geometra serotinararia --> Seite 29
Geometra sertata --> Seite 96
Geometra sezalata --> Seite 45
Geometra signaria --> Seite 62
Geometra silaceata --> Seite 60 94
Geometra simulata --> Seite 67
Geometra sinuata --> Seite 57
Geometra smaragdaria --> Seite 2
Geometra sobrinata --> Seite 91
Geometra sociaria --> Seite 30 83
Geometra sorditaria --> Seite 65
Geometra sororiata --> Seite 69
Geometra sparsaria --> Seite 64 78
Geometra spartariaria --> Seite 23
Geometra spartiata --> Seite 37
Geometra stragulata --> Seite 66
Geometra striaria --> Seite 18 99
Geometra strigaria --> Seite 19
Geometra strigilaria --> Seite 21 105
Geometra strobilata --> Seite 88
Geometra subaerata --> Seite 91
Geometra subnotata --> Seite 90
Geometra subumbrata --> Seite 46
Geometra succenturata --> Seite 46
Geometra succenturiata --> Seite 90
Geometra sudataria --> Seite 96
Geometra suffumata --> Seite 60

Index: lateinische zoologische Namen

Geometra sylvata --> Seite 45
Geometra sylvestraria --> Seite 19
Geometra syringaria --> Seite 7
Geometra taeniolaria --> Seite 70
Geometra taminaria --> Seite 18
Geometra temeraria --> Seite 18 74
Geometra tenebraria --> Seite 65
Geometra teneraria --> Seite 68
Geometra tenuiata --> Seite 77
Geometra tersata --> Seite 53
Geometra testaceata --> Seite 66
Geometra tibialata --> Seite 41
Geometra tiliaria --> Seite 6
Geometra tinctaria --> Seite 24
Geometra togata --> Seite 91
Geometra tophaceata --> Seite 61
Geometra torvaria --> Seite 72
Geometra trepidaria --> Seite 67
Geometra tristata --> Seite 50
Geometra turbata --> Seite 50
Geometra turbidaria --> Seite 98
Geometra ulmaria --> Seite 17 77
Geometra umbelaria --> Seite 86
Geometra umbraria --> Seite 66
Geometra undulata --> Seite 52 86
Geometra valerianata --> Seite 77
Geometra variata --> Seite 58 74
Geometra venosata --> Seite 48
Geometra ventaria --> Seite 65
Geometra vernaria --> Seite 3
Geometra vetulata --> Seite 52
Geometra vibicaria --> Seite 11
Geometra viduaria --> Seite 32 71
Geometra vincularia --> Seite 79
Geometra viretata --> Seite 45
Geometra virgularia --> Seite 20
Geometra viridaria --> Seite 3
Geometra vitalbata --> Seite 53
Geometra vittaria --> Seite 84
Geometra wauaria --> Seite 12
Geometra zonaria --> Seite 35 100

J. Hübner

Spanner



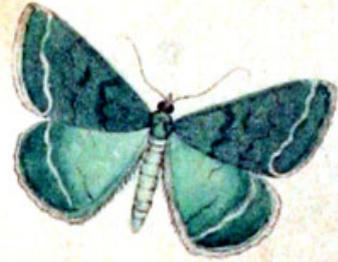
Lepidoptera, V.

Geometra, I.

Amplissima, A.



1.



2.



3.



4.



5.

1. *Smaragdaria*. 2. *Cythifaria*. 3. *Bayularia*. 4. *Prasinaria*. 5. *Fasciaria*.

1.

Lepidoptera, V.

Geometra, I.

Amplissima, B.



6.



7.



8.



9.



10.



11.

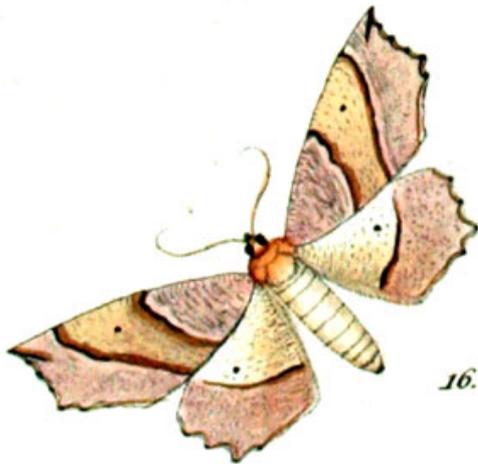
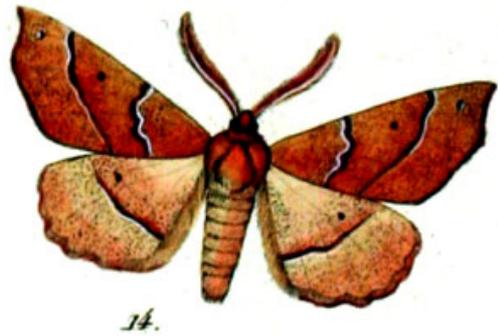
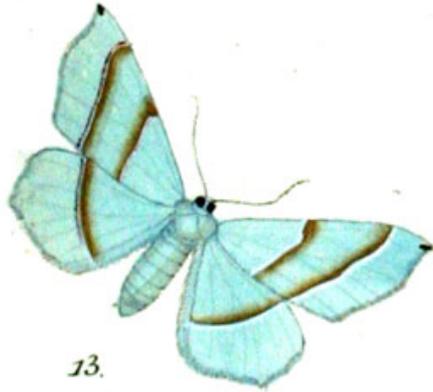
6. *Papilionaria*. 7. *Vernaria*. 8. *Bupleuraria*. 9. *Aestivaria*. 10. *Patataria*. 11. *Viridaria*.

2.

Lepidoptera, V.

Geometria, I.

Amplissima, C.



12. Dentaria. 13. Margaritaria. 14. Pennaria. 15. Artesiaria. 16. Honoraria.

Lepidoptera, V.

Geometrae, I.

Amplissima, C.



17. Honoraria. 18. Nullaria. 19. Flexularia. 20. Clonquaria. 21. Extimaria.

Lepidoptera, V.

Geometrae, I.

Amplissimæ, D.



22.



23.



24.



25.



26.



27.

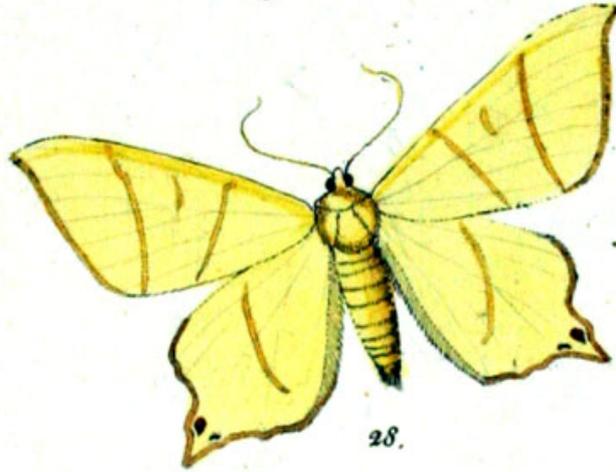
22. *Angularia*. 23. *Filiaria*. 24. *Quercinaria*. 25. *Crofaria*. 26. *Alniaria*. 27. *Carpinaria*.

5.

Lepidoptera, V.

Geometra, I.

Amplissima, E.



28. *Sambucaria*. 29. *Syringaria*. 30. *Pectinaria*. 31. *Evonymaria*. 32. *Crataegaria* . .

Lepidoptera . V.

Geometra, I.

Amplissima.



33.



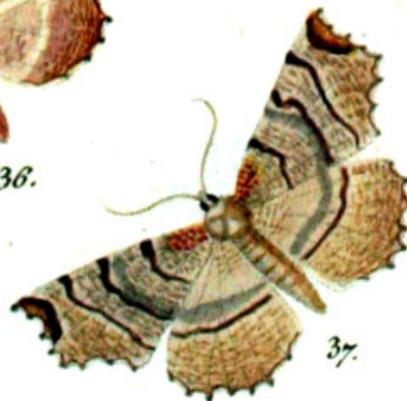
34.



35.



36.



37.

33. *Lunaria.*

34. *Delunaria.*

35. *Illustraria.*

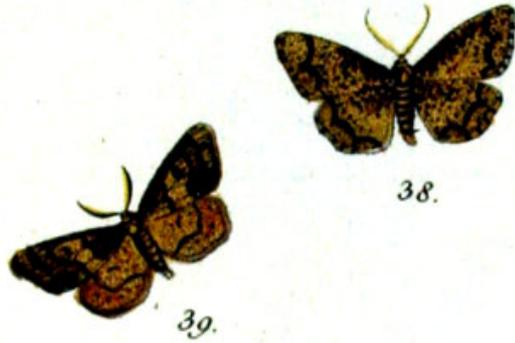
36. 37. *Lunaria.*

7.

Lepidoptera, V.

Geometra, I.

Amplissima, G.

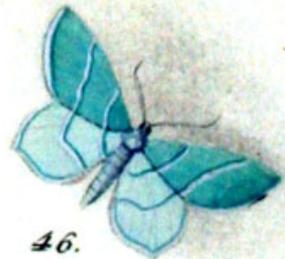


38. *Cararia*. 39. *Dilectaria* 40. *Flavicaria*. 41. *Cordiaria*. 42. *Dolabraria*.

Lepidoptera, V.

Geometra, I.

Amplissima.



43. 44. *Paralellaria.* 45. *Advenaria.* 46. *Aeruginaria.* 47. *Apiciaria.*

Lepidoptera, V.

Geometra, I.

Amplissima, I.



48



49.



50.



51.



52.

48. *Cruentaria*. 49. *Calabraria*. 50. *Vibicaria*. 51. *Imitaria*. 52. *Amataria*.

10.

Lepidoptera, V.

Geometra, I.

Amplissima, K.



53. Notataria. 54. Litoraria. 55. Wauaria. 56. Aversaria. 57. Degeneraria. 58. Hepararia.

Lepidoptera, V.

Geometra, I.

Amplissima, I.



59. Moniliaria . 60. Orbicularia . 61. Politaria . 62. Aureolaria . 63. Auroraria .

Lepidoptera, V.

Geometra I.

Amplissima, I.



64. Ocellaria. 65. Omicronaria. 66. Pendularia. 67. Punctaria. 68. Lincaria. 69. Puppillaria.

Lepidoptera, V.

Geometra, I.

Amplissima, M.



70.



71.



72.



73.



74.

70. *Ornataria*. 71. *Decoraria*. 72 - 73. *Scutularia*. 74. *Laevigaria*.

14.

Lepidoptera, V.

Geometra, I.

Amplissima, N.



75.



76.



77.



78.



79.



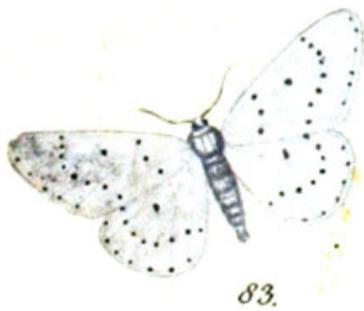
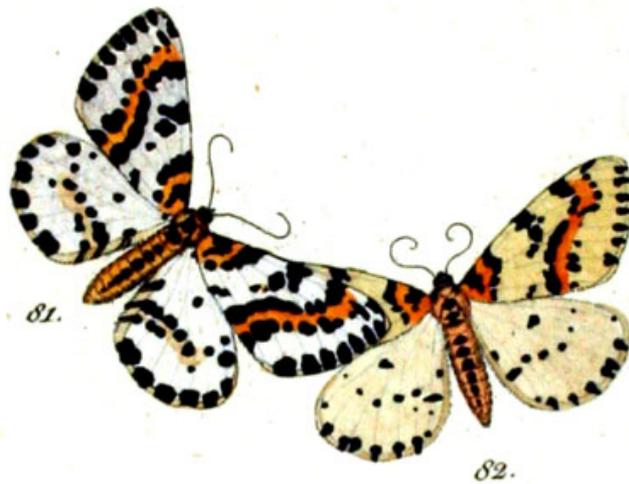
80.

75. *Aduflata*. 76. *Abbicillata*. 77. *Pollutaria*. 78. *Enphorbiaria*. 79. *Navaria*. 80. *Marginaria*.

Lepidoptera, V.

Geometra, I.

Amplissima, O.



81. 82. *Großsulariaria*. 83. *Cribraria*. 84. *Pantaria*. 85. *Umaria*. 86. *Melanaria*.

Lepidoptera. V.

Geometrae, I.

Amplissima, P.



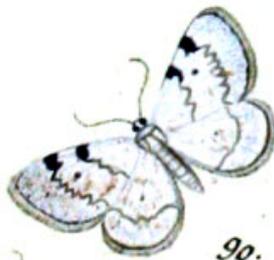
88.



87.



89.



90.



91.



92.

87. *Pufaria*. 88. *Striaria*. 89. *Nemoraria*. 90. *Taminaria*. 91. *Temeraria*. 92. *Permutataria*.

Lepidoptera, V.

Geometra, I.

Amplissima, Q.



94.



93.



96.



95.



98.



97.

93. *Ononaria*. 94. 97. *Sylvestraria*. 95. *Strigaria*. 96. *Pallidaria*. 98. *Remutaria*.

Lepidoptera, V.

Geometra, I.

Amplissima, Q.



99. Puffillaria. 100. Dilutaria. 101. Candidaria. 102. Ossearia. 103. Lutearia. 104. Virgularia.

Lepidoptera, V.

Geometrae, I.

Amplissima, R.



106



105



107



108



109



110

105. *Contiguaria*. 106. *Incanaria*. 107. *Emarginaria*. 108. *Immutaria*. 109. *Strigilaria*. 110.

20.

Lepidoptera, V.

Geometra, I.

Amplissima S.



111



112



113



114



115

111. *Rubricaria* . 112. *Rufaria* . 113. *Petraria* . 114. *Arenaccaria* . 115. *Murinaria*.

21.

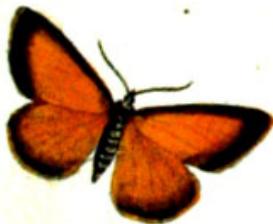
Lepidoptera, V.

Geometra, I.

Amplissima, T.



116



117



119



118



120

116. *Spartariaria*.

117. 118. *Conspicuaria*.

119. 120. *Piniaria*.

22.

Lepidoptera, V.

Geometra, I.

Amplissima, U.



121



122



123



124



125

121. *Finctaria.*

122. 123. *Prunaria.*

124. *Plumaria.*

125. *Respersaria.*

23.

Lepidoptera, V.

Geometra, I.

Amplissima, V.



126.



127.



128.



129.



130.

126. *Concordaria*. 127. *Plumistaria*. 128. *Roseidaria*. 129. *Cebraria*. 130. *Pinetaria*.
24.

Lepidoptera, V.

Geometrae, I.

Amplissimæ, V.



131.



132.



134.



133.



135.



136.

131. *Glarearia*. 132. *Clathraria*. 133. *Immoraria*. 134. *Marinaria*. 135. *Macularia*. 136. *Atomaria*.

Lepidoptera, V.

Geometra, I.

Amplissima, W.



137.



138.



139.



140.



141.

137. *Arcuaria*. 138. *Conspersaria*. 139. *Favillacearia*. 140. *Belgiaria*. 141. *Lividaria*.

Lepidoptera, V.

Geometra, I.

Amplissima, X.



142. Obfuscaria. 143. Dilucidaria. 144. Furvaria. 145. Pallaria. 146. Obscuraria.

Lepidoptera, V.

Geometra, I.

Amplissima, X.



148



147



149



150



151

147. *Scrotinaria*. 148. *Mucidaria*. 149. *Horridaria*. 150. *Glaucinaria*. 151. *Carbonaria*.
28.

Lepidoptera, V.

Geometra, I.

Amplissima, Y.



152.



153.



154.



155.



156.

152. *Confobrinaria*. 153. *Hortaria*. 154. *Rhomboidaria*. 155. *Sociaria*. 156. *Secundaria*.

29.

Lepidoptera, V.

Geometra, I.

Amplissima, Y.



157.



158.



159.



160.



161.

157. *Consonaria*. 158. *Crepuscularia*. 159. *Ceterfaria*. 160. *Abietaria*. 161. *Repantaria*.

Lepidoptera, V.

Geometra, I.

Amplissima, Y.



162.



163.



164.



165.



166.

162. *Glabraria*. 163. *Selenaria*. 164. *Lichenaria*. 165. *Viduaria*. 166. *Cinetaria*?

31.

Lepidoptera, V.

Geometra, I.

Amplissima, Y.



167. Corticaria. 168. Confortaria. 169. Roboraria. 170. Rhomboidaria. 171. Cineraria.

Lepidoptera, V.

Geometrae, II.

Aequivoca, A.



172.



173.



174.



175.

172. *Prodromaria*. 173. *Betularia*. 174. *Congeneraria*. 175. *Airlaria*.

33.

Lepidoptera, V.

Geometrae, II.

Aequivoca, A.



176. Pilofaria. 177. Hispidaria. 178. Alpinaria. 179. Zonaria. 180. Pomonaria.

Lepidoptera, V.

Geometrae, II.

Aequivoca, B.



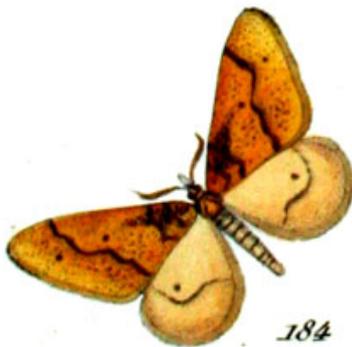
181.



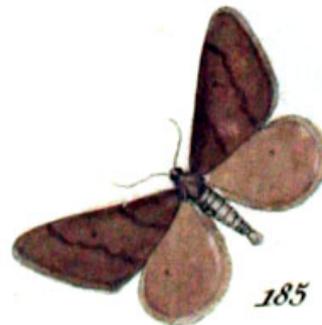
182.



183.



184



185

181. *Nigricaria*. 182. *Defoliaria*. 183. *Progemmaria*. 184. *Aurantiaria*. 185. *Accraria*.

35.

Lepidoptera, V.

Geometra, II.

Aequivoca, B.



186.



187.



188.



189.



190.

186. *Hippocastanaria*. 187. *Spartata*. 188. *Dilatata*. 189. *Aescularia*. 190. *Polycornata*.

Lepidoptera, V.

Geometra, II.

Aequivoca, B.



191. Brumata . 192. Rupestrata . 193. Mensurata . 194. Bajaria . 195. Leucophaearia.

Lepidoptera, V.

Geometra, II.

Aequivoca, B.



196.



197.



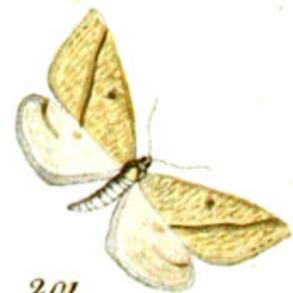
199.



198.



200.



201.

196. *Cherophyllata*. 197. *Alphinata*. 198. 199. *Purpuraria*. 200. *Sacraria*. 201. *Gilvaria*.
38.

Lepidoptera, V.

Geometra, II.

Aequivoca, C.



202.



204.



203.



205.



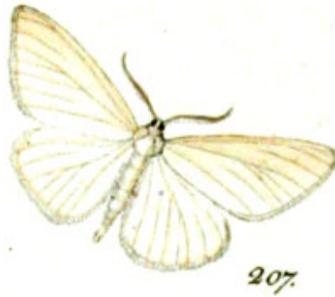
206.

202. *Diversaria*, 203. *Pulveraria*. 204. 205. *Capriolaria*. 206. *Adspersaria*.
39.

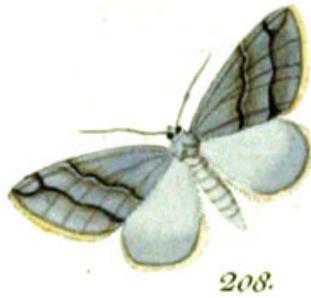
Lepidoptera, V.

Geometrae, II.

Aequivoca, D.



207.



208.



209.



211.



210.



212.

207. *Alibaria*. 208. *Duplicaria*. 209. *Cingularia*. 210. 211. *Fibialata*. 212. *Citraria*.

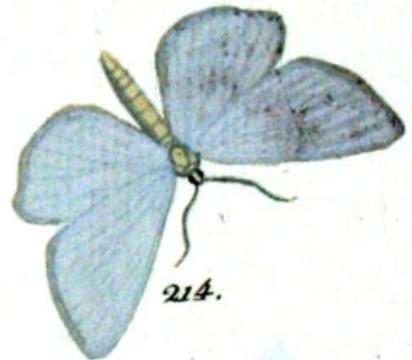
Lepidoptera, V.

Geometra, II.

Aequivoca, E.



213.



214.



215.



216.



217.

213. *Decussaria.* 214. *Dealbaria.* 215. *Nubilaria.* 216. *Griscearia.* 217. *Nivearia.*

41.

Lepidoptera, V.

Geometrae, II.

Aequivoca, F.

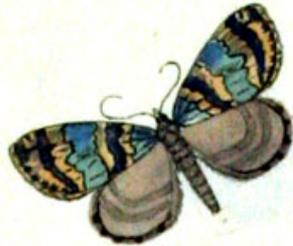


218. *Lythoxylata*. 219. *Coarctata*. 220. *Plagiata*. 221. *Palumbata*. 222. *Rupicapraris*.

Lepidoptera, V.

Geometra, II.

Aequivoca, F.



223.



224.



225.



226.



227.

223. *Impluviata*. 224. *Elutata*. 225. *Obliquata*. 226. *Vesperata*. 227. *Pfittacata*.

45.

Lepidoptera, V.

Geometra, II.

Aequivoca, G.



228



229



230.



231



232

228. *Sezalata*. 229. *Scabrata*. 230. *Viretata*. 231. *Sylvata*. 232. *Hexapterata*.

44.

Lepidoptera, V.

Geometrae, II.

Aequivoca, H.



233.



234.



235.



236.



237.

233. *Subumbata*. 234. *Pygmaea*. 235. *Rectangulata*. 236. *Succenturiata*. 237. *Minutula*.

45.

Lepidoptera, V.

Geometra, II.

Aequivoca, II.



238.



239.



240.



241.



242.

238. *Filicata*. 239. *Extremata*. 240. *Centauroata*. 241. *Ruficata*. 242. *Linariata*.

46.

Lepidoptera, V.

Geometrice, II.

Aequivoca, H.



243.



244.



246.



245.



247.

243. *Decolorata*. 244. *Venefata*. 245. *Consignata*. 246. 247. *Disparata*.

47.

Lepidoptera, V.

Geometrae, II.

Aequivoce, I.



248.



249.



250.



251.



252.

248. *Montanata*. 249. *Fluctuata*. 250. *Rubiginata*. 251. *Procellata*. 252. *Ocellata*.
48.

Lepidoptera, V.

Geometrae, II.

Aequivocae, I.



253.



254.



255.



256.

253. *Luctuata.*

254. *Fristata.*

255. *Turbata.*

256. *Hastata.*

49.

Lepidoptera. V.

Geometrae, II.

Aequivoca, I.



257.



258.



259.



260.



261.

257. *Albulata*. 258. *Blandiata*. 259. *Rivulata*. 260. *Funerata*. 261. *Alchemillata*.

50.

Lepidoptera, V.

Geometrae, II.

Aequivocæ, K.



262.



263.



265.



264.



266.

262. *Undulata*. 263. *Notulata*. 264. *Bilineata*. 265. *Dubitata*. 266. *Cervinata*

Lepidoptera, V.

Geometrae, II.

Aequivoca, K.



267.



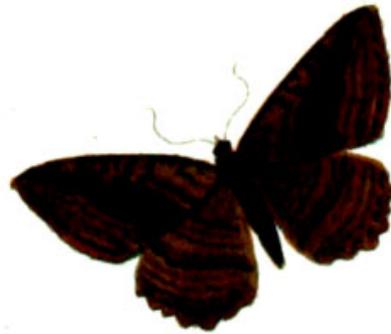
268.



269.



270.



271.

267. *Petrificata*. 268. *Tersata*. 269. *Vitalbata*. 270. *Lignata*. 271. *Rhamnata*.

52.

Lepidoptera, V.

Geometrae, II.

Aequivocae, K.



273.



272.



275.



274.



276.

272. *Galiata*. 273. *Salicata*. 274. *Scripturata*. 275. *Cefiata*. 276. *Bipunctata*.

53.

Lepidoptera, V.

Geometrae, II.

Aequivocae, K.



277.



278.



279.



280.



281.

277. *Polygramata*. 278. *Coraciata*. 279. *Marmorata*. 280. 281. *Fluviata* ~
54.

Lepidoptera, V.

Geometrae, II.

Aequivoce, I.



282.



283.



284.



285.



286.

282. *Ligustrata.* 283. *Gemata.* 284. *Quadrifasciata.* 285. *Ferrugata.* 286. *Propugnata.*

55.

Lepidoptera, V.

Geometrae, II.

Aequivoca, L.



287. Berberata . 288. Sinuata . 289. Derivata . 290. Rabidata . 291. Radicata .

Lepidoptera, V.

Geometrae, II.

Aequivoca, I.



292.



293.



294.



295.



296.



297.

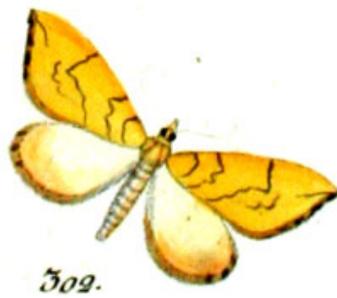
292. *Miata*. 293. *Variata*. 294. *Juniperata*. 295. *Ruptata*. 296. *Obeliscata*. 297. *Fulvata*.

57.

Lepidoptera, V.

Geometrae, II.

Aequivocae, M.



298. *Moeniata*. 299. *Chenopodiata*. 300. *Populata*. 301. *Achatinata*. 302. *Pyraliata*.
58.

Lepidoptera, V.

Geometrae, II.

Aequivocæ, M.



303.



304.



305.



306.



307.

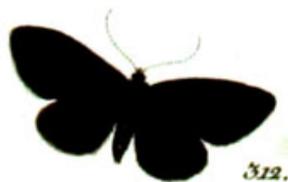
303. *Silaceata*. 304. *Prunata*. 305. *Ruffata*. 306. *Suffumata*. 307. *Olivata*.

59.

Lepidoptera, V.

Geometra, II.

Aequivoca, M.

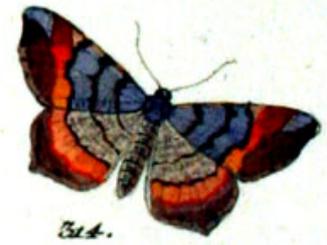


308. *Reticulata* . 309. *Tophaceata* . 310. *Comitata* . 311. *Lineolata* . 312. *Horridaria* .
60.

Lepidoptera V.

Geometrae, I.

Amplissimae, K. &c.



313. Signaria. 314. Alternaria. 315. Lituraria. 316. Notataria. 317. Punctularia.

Lepidoptera, V.

Geometroe, I. & II.

Ampliffimoe, V. & a.



318.



319.



321.



320.



322.

318. *Cervinata*. 319. *Cyanata*. 320. *Alpestrata*. 321. *Conversaria*. 322. *Cancellaria*.

62.

Lepidoptera, V. Geometrae, I & II. Amplissima, I &c.



323.



324.



325.



327.



326.



328.

323. *Ematuria*. 324. *Lapidata*. 325. *Nolaria*. 326. 327. *Sparsaria*. 328. *Pyropata*.
63.

Lepidoptera, V.

Geometra, I.

Amplissima, I. Sc.



329.



330.



331.



332.



333.



334.

329. *Venustaria*. 330. *Fenebraria*. 331. *Renularia*. 332. *Roscidaria*. 333. *Leptinaria*. 334. *Sorditaria*.

64.

Lepidoptera, V.

Geometra, I.

Amplissima, II &c.



335.



336.



337.



338.



339.



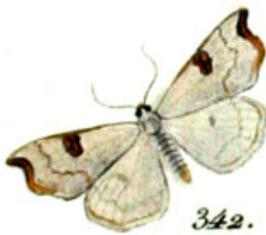
340.

335. 336. *Pygmaearia*. 337. *Stragulata*. 338. *Teflucesta*. 339. *Glabraria*. 340. *Umbraria*.
65.

Lepidoptera, V.

Geometra, I.

Amplissima G, &c.



341. Flaveolaria. 342. Cordiaria. 343. Trepidaria. 344. Canaria. 345. Simulata. 346. Munitata.

Lepidoptera, V.

Geometrae, I.

Amplissima Y. &c.



347. Impurata . 348. Teneraria . 349. Aptata . 350. Chalybeata . 351. Incurfata .
67.

Lepidoptera, V.

Geometrae, I.

Amplissima, B. &c.



352.



353.



354.



355.



356.

352. *Cloraria*. 353. *Aqueata*. 354. *Flavicinctata*. 355. *Sororiata*. 356. *Contaminaria*.

68.

Lepidoptera, V.

Geometrae, I.

Amplissimae, X.&c.



356.



357.



358.



359.



360.

356. *Alstulata*. 357. *Tæniolaria*. 358. *Riguata*. 359. *Operaria*. 360. *Limofaria*.

69.

Pepidoptera, V.

Geometra, I.

Amplissima, I. &c.



361.



362.



363.



364.



365.

361. *Modicata* . 362. *Lobulata* . 363. *Penigeraria* . 364. *Viduaria* . 365. *Calabrararia* .

Lepidoptera, V.

Geometra, I.

Amplissima, X. &c.



366.



367.



368.



369.



370.



371.

366. - 369. *Torvaria*.

370. *Alchemillata*.

71.

371. *Molluginata*.

Lepidoptera, V.

Geometra, I.

Amplissima, S. &c.



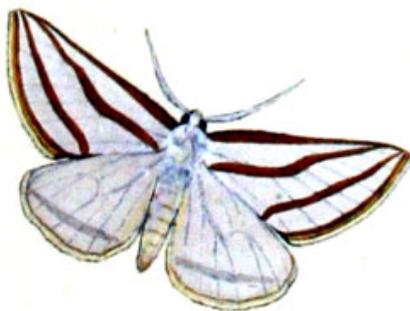
372.



373.



374.



375.

372. 373. *Coronata.*

374. *Partitaria.*

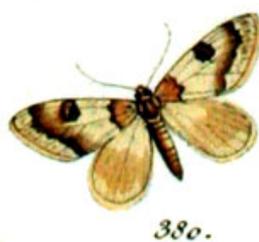
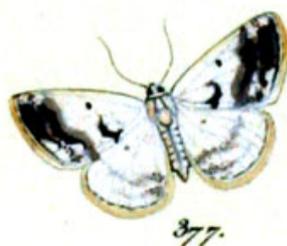
375. *Mundata.*

72.

Lepidoptera, V.

Geometrae, II.

Aequivoca, H &c.



376. 377. *Temeraria*. 378. *Pufillata*. 379. *Eriguata*. 380. *Variata*.
73.

Lepidoptera, V.

Geometrae, II.

Aequivoca, F.



381.



382.



383.



384.



385.

381. - 385. *Clutata*.

74.

Lepidoptera, V.

Geometra, I.

Amplissima, H &c.



386.



387.



388.



389.



390.

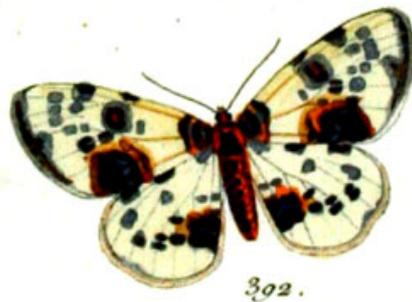
386. *Anniculata* . 387. *Nanata* . 388. *Aversaria* . 389. *Pumilata* . 390. *Obtusaria* .

75.

Lepidoptera, V.

Geometra, I.

- Amplissima, O &c.



391. 392. *Ulmaria*. 393. *Conversaria*. 394. *Fenuiata*. 395. *Valerianata*.
76.

Lepidoptera, I.

Geometra, I.

Ampliffimæ, Y. &c.



396.



398.



397.



399.



400.

396. *Fuscaria*. 397. *Irriguata*. 398. *Sparfaria*. 399. *Indigata*. 400. *Rhamnata*.

77.

Lepidoptera, V.

Geometrae, I.

Amplissimæ, I. &c.



401.



402.



403.



404.



405.

401. *Nevata*. 402. *Vincularia*. 403. *Imbutata*. 404. *Scriccata*. 405. *Degenerata*.

78.

Lepidoptera, V.

Geometrae, I.

Amplissima, B. &c.



406.



407.



408.

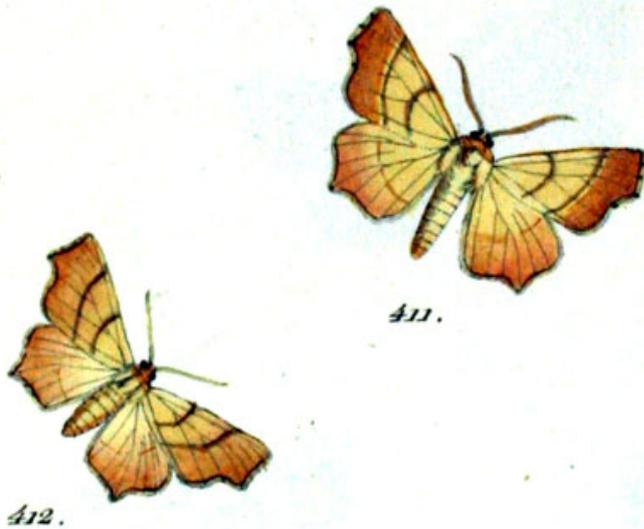


409.



410.

406. *Resperfaria*. 407. *Herbaria*. 408. *Achatinata*. 409. *Rivata*. 410. *Aquata*.

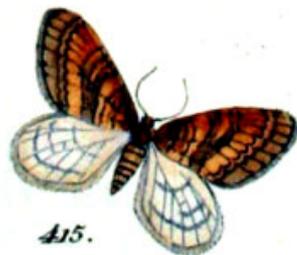


411.

412.



413.



415.



414.

411. 412. *Quercaria.*

413. 414. *Boreata.*

415. *Brumata.*

Lepidoptera, V.

Geometrae, I.

Amplissima, V.



416.



418



417.



419



420.

416. *Auritaria.*

417. - 420. *Plumifera.*

81.

Pepidoptera, V.

Geometrae, I.

Amplissimae, Q. &c.



421.



422.



423.



424.



425.

421. *Necrata*. 422. *Lacernaria*. 423. *Obliquata*. 424. *Sociaria*. 425. *Emucitaria* . . .

Lepidoptera, V.

Geometrae, I.

Amplissimæ, G. &c.



426.



427.



428.



429.



430.

426. — 428. *Evonymaria*

429. *Vittoria*
83.

430. *Ostrinaria*.

Lepidoptera, V.

Geometrae, I.

Amptissima, L. &c.



431.



432.



433.



434.



435.

431. *Tacularia*. 432. *Pravata*. 433. *Antophilaria*. 434. *Gyrata*. 435. *Picata*.

84.

Lepidoptera, V.

Geometra, I.

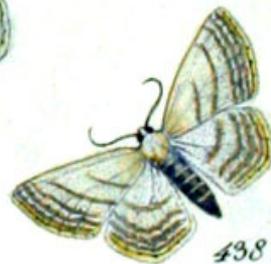
Amplissima, D. &c.



436.



437.



438.



439.



440.

436. *Undulata*. 437. 438. *Umbelaria*. 439. *Satyrata*. 440. *Erofaria*.
85.

Lepidoptera, V.

Geometrae, II.

Aequivocæ, H. &c.



441.



442.



443.



444.



445.

441. 442. *Innotata.*

443. 444. *Pimpinellata.*

445. *Rusfata.*

Lepidoptera, V.

Geometrae, I.

Amplissima, A. &c.



446. 447. Fasciaria.

448. Acumulata.

449. 450. Strobilata.

87.



452.



451.



453.



454.



455.

451. *Lunaria*. 452. *Centurcata*. 453. *Absinthiata*. 454. *Minutata*. 455. *Denotata*.

Lepidoptera, V.

Geometrae, II.

Aequivoca, II.



457.



456.



458.



459.



460.

456. *Castigata*. 457. *Clusterata*. 458. *Subnotata*. 459. *Succenturiata*. 460. *Ferrugata*

89.

Lepidoptera, V.

Geometrae, II.

Aequivocae II.



461.



462.



463.



464.



465.

461. *Inturbata*. 462. *Debilitata*. 463. *Suberata*. 464. *Togata*. 465. *Sobrinata*.

Lepidoptera, V.

Geometra I.

Amplissima, T. &c.



466.



467.



468.



469.



470.

466. *Debiliata.* 467. *Residuata.* 468. *Fimbriolaria.* 469. 470. *Piniaria.*
91.

Lepidoptera, V.

Geometrae, I.

Amplissimae, V. &c.



472.



471.



473.



474.



476.



475.

471. *Peribolata.*

472. 473. *Gesticularia.*

474. - 476. *Exalbata.*

92.

Lepidoptera. V.

Geometrae. I.

Amplisimae. B. &c.



477.



478.



479.



481.



480.



482.

477. 478. *Siliceata.*

479 - 482. *Coronillaria.*

93.

Lepidoptera, V.

Geometrae, I.

Amplissima, Y. &c.



483.



484.



485.



486.



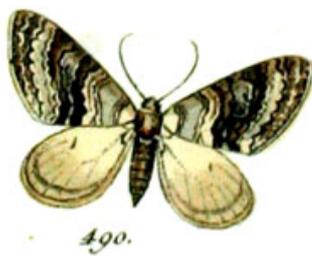
487.

483. *Dianaria.* 484. *Asperaria.* 485. 486. *Renitidata.* 487. *Rubricaria.*
94.

Lepidoptera V.

Geometra I.

Amplissima Q. &c.

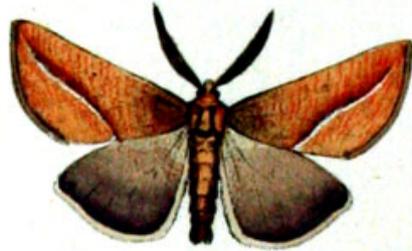


488. *Rhomboidaria*. 489. 490. *Sertata*. 491. *Duplicata*. 492. *Sudatoria*.
95.

Lepidoptera V.

Geometra I.

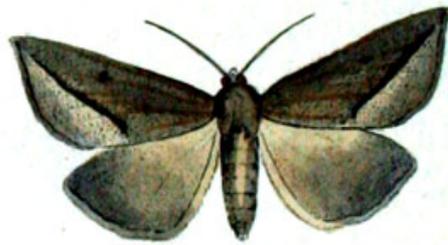
Amplissique C & Co.



493.



494.



495.



497.



496.



498.

493 - 496. *Opacaria*.

96.

497. 498. *Hybridata*.

Lepidoptera, V.

Geometrae, I.

Ampliffimae, Q. &c.



499.



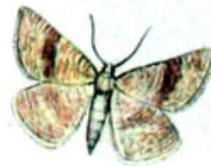
501.



500.



502.



503.

499. *Circuitaria*. 500. *Inconspicuaria*. 501. *Turbidaria*. 502. *Mediaria*. 503. *Fuscata*.

Lepidoptera, V.

Geometrae, I.

Amplissima, P. &c.



504.



505.



507.



506.



508.

504. *Permutataria*. 505. *Commutataria*. 506. *Striaria*. 507. 508. *Penulataria*.

98.

Lepidoptera, V.

Geometrae, II.

Aequivocae, A. B.



509. *Brumata*. 510. *Defoliaria*. 511. *Xonaria*. 512. *Rupicapraria*. 513. *Alpinaria*. 514. *Aceraria*.

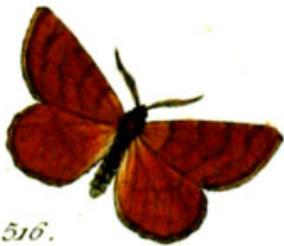
Lepidoptera, V.

Geometrae, I.

Amplissimae, V. &c.



515.



516.



518.



517.



519.

515. *Firmata.*

516. 517. *Quinquaria.*

518. 519. *Concordaria.*

Volucrae, Lepidopt. V.

Geometrae, I.

Amplae, I. &c.



520.



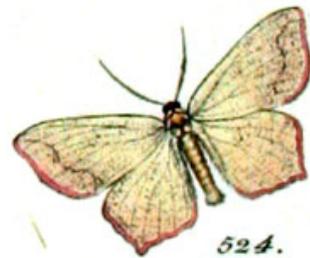
521.



522.



523.



524.



525.

520. 521. *Fumidaria.*

522. 523. *Limbaria.*

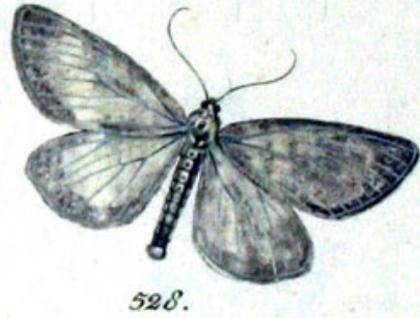
524. 525. *Amataria.*

101.

Lepidoptera, V.

Geometrae, I.

Amplae, F. &c.



526. 527. *Atomaria.*

528 - 531. *Dealbata.*

Lepidoptera, V.

Geometrae, I.

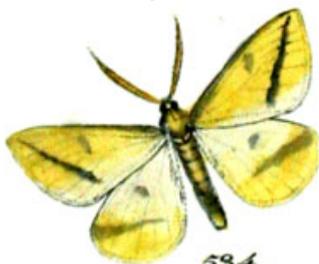
Amplae, I. &c.



532.



533.



534.



535.



536.



537.

532. 533. *Praeformata.*

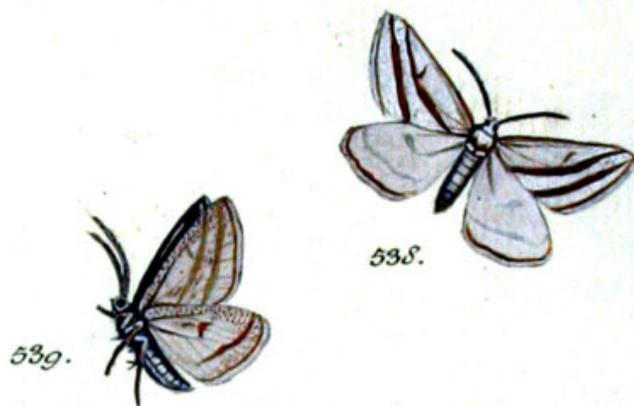
534. 535. *Gilvaria.*
108.

536. 537. *Citriaria.*

Lepidoptera. V.

Geometrae. I.

Amplae. I. &c.



538. 539. *Mundata.* 540. 541. *Strigilaria.* 542. *Collata.* 543. *Gyraria.*
104.

Lepidoptera, V.

Geometrae, I.

Amplae, I. &c.



544. *Marginaria*. 545. *Punctularia*. 546. 547. *Calabraria*. 548. 549. *Carbonaria*.
105.

Lepidoptera, V.

Geometrae, III.

Aequivocae, B. &c.

550.



551.



552.



554.



553.



555.



556.



550. 551. *Sabinata*.

552 - 555. *Picearia*.
106.

556. *Prunaria*.

Lepidoptera, V.

Geometrae, I.

Amplissimae, V. &c.



557.

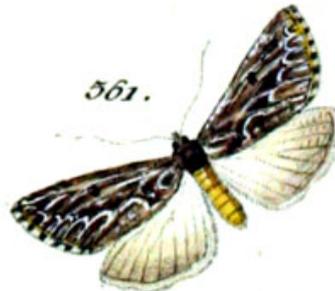
558.



559.



561.



560.



562.



563.



557. 558. *Chrysitaria.*

559 - 562. *Jourdanaria.*

563. *Cupressata.*

107.

Lepidoptera, V.

Geometrae, I.

Amplissimae, E. &c.

564.



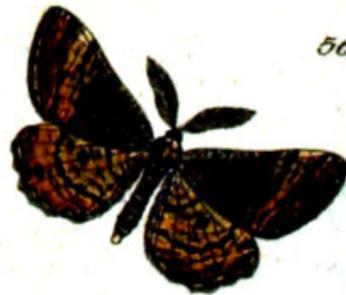
566.



565.



567.



568.



564 - 566. *Nothemeraria.*

567. 568. *Ambustaria.*

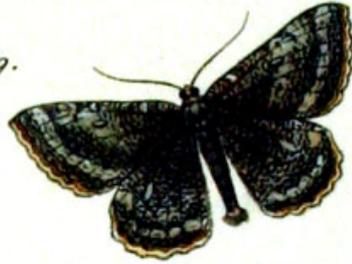
108.

Lepidoptera, V.

Geometrae, II.

Amplae, X. &c.

569.



570.



571.



572.



574.



573.



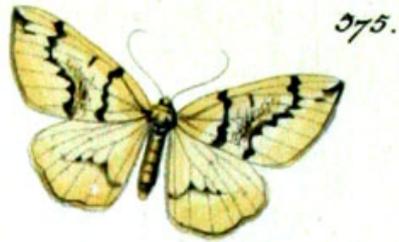
569. 570. *Sartata*. 571. *Nebulata*. 572. *Asinata*. 573. *Certata*. 574. *Punctaria*.

109.

Lepidoptera, V.

Geometrae, II.

Aequivocae, M. &c.



575. 576. Donzelaria. 577. 578. Duponchelaria. 579. Rippertaria. 580. Peletieraria.

Lepidoptera, V.

Geometrae, I.

Amplissimae, C. &c.

581.



582.



584.



583.



585.



581. *Caliginearia.*

582. 583. *Micaria.*

584. 585. *Sabaudiata.*

Lepidoptera, V.

Geometrae, I.

Amplissimae, S. &c.

586.



588.



587.



590.



589.



591.



586 - 588. *Bischoffaria.*

589. *Dilutaria.*

590. 591. *Horridaria.*

112.

Lepidoptera. V.

Geometrae, I.

Amplissimae, C. &c.

592.



593.



594.



595.



596.



592. 593. *Lentiscaria*. 594. *Pilosaria*. 595. *Muscosata*. 596. *Breviculata*.
113.

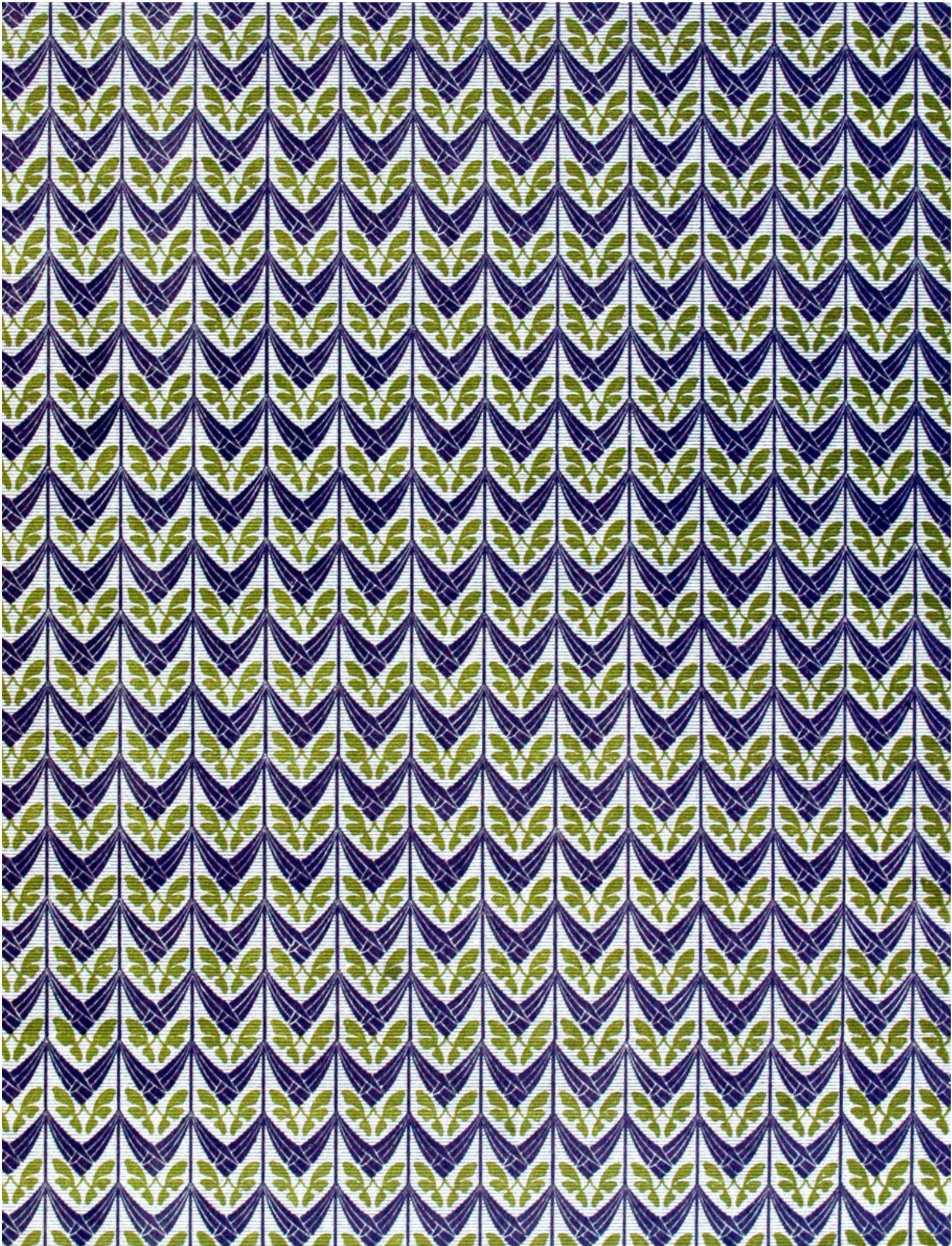
	Datum	
Hb. Tafel	1 - 60	1798
Geometrie	61 - 66	1800 - 1808
	67 - 95	1808 - 1818
	96 - 100	1818 - 1822
	101 - 102	1827
	103 - 105	1828
	106 - 108	1828 - 1833
	109 - 111	1834
	112 - 113	1834 - 1841

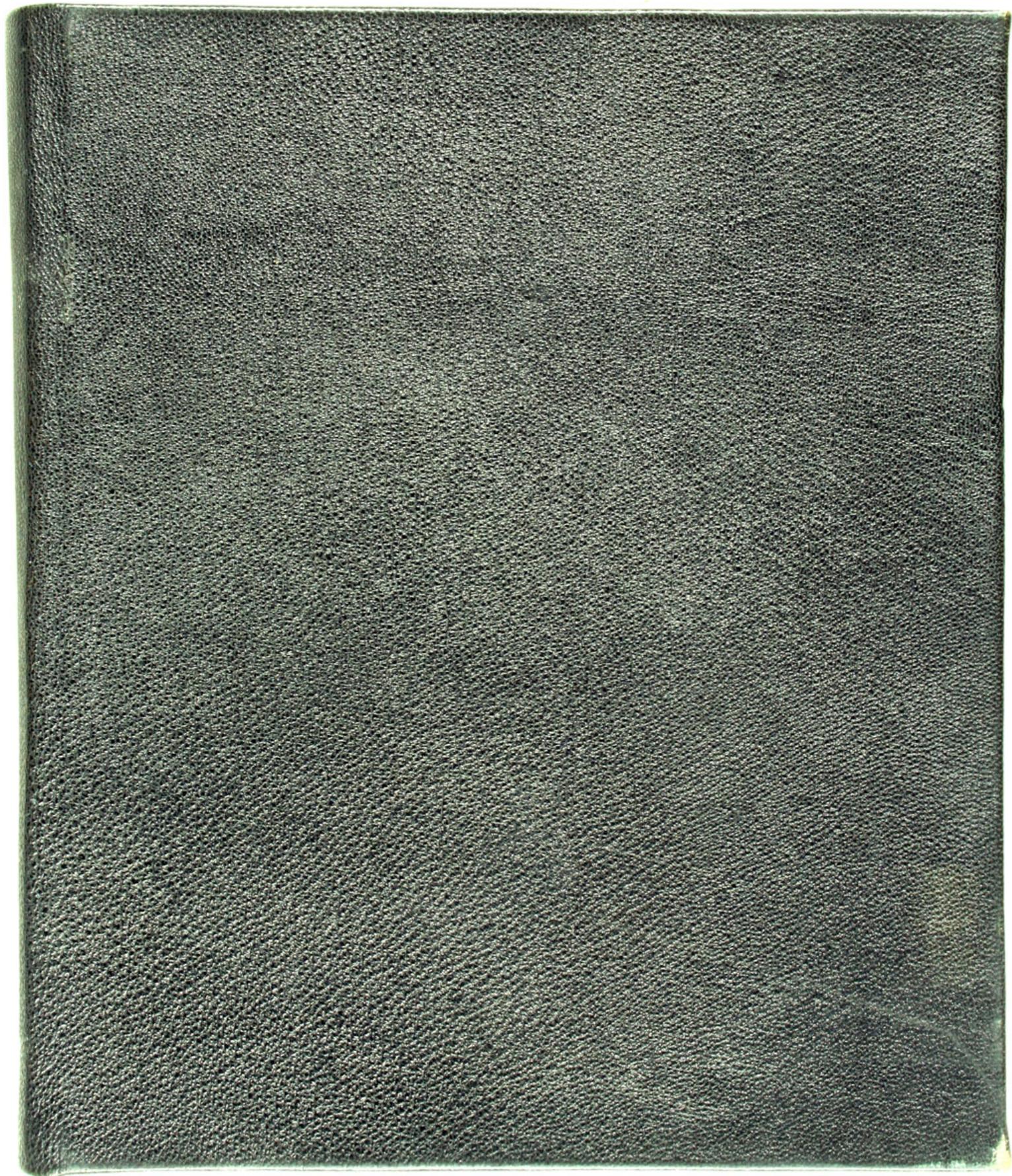
Annals, + May. (8) 9. 1912
S. 176

Dr. med. Eugen Wehrli
— Augenarzt —
23 Claragraben 23
BASEL

Text

V Hande Geometrie 1-24 1800





GNU Free Documentation License

Version 1.2, November 2002

Copyright (C) 2000,2001,2002 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

0. PREAMBLE

The purpose of this License is to make a manual, textbook, or other functional and useful document "free" in the sense of freedom: to assure everyone the effective freedom to copy and redistribute it, with or without modifying it, either commercially or noncommercially. Secondly, this License preserves for the author and publisher a way to get credit for their work, while not being considered responsible for modifications made by others.

This License is a kind of "copyleft", which means that derivative works of the document must themselves be free in the same sense. It complements the GNU General Public License, which is a copyleft license designed for free software.

We have designed this License in order to use it for manuals for free software, because free software needs free documentation: a free program should come with manuals providing the same freedoms that the software does. But this License is not limited to software manuals; it can be used for any textual work, regardless of subject matter or whether it is published as a printed book. We recommend this License principally for works whose purpose is instruction or reference.

1. APPLICABILITY AND DEFINITIONS

This License applies to any manual or other work, in any medium, that contains a notice placed by the copyright holder saying it can be distributed under the terms of this License. Such a notice grants a world-wide, royalty-free license, unlimited in duration, to use that work under the conditions stated herein. The "Document", below, refers to any such manual or work. Any member of the public is a licensee, and is addressed as "you". You accept the license if you copy, modify or distribute the work in a way requiring permission under copyright law.

A "Modified Version" of the Document means any work containing the Document or a portion of it, either copied verbatim, or with modifications and/or translated into another language.

A "Secondary Section" is a named appendix or a front-matter section of the Document that deals exclusively with the relationship of the publishers or authors of the Document to the Document's overall subject

(or to related matters) and contains nothing that could fall directly within that overall subject. (Thus, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or political position regarding them.

The "Invariant Sections" are certain Secondary Sections whose titles are designated, as being those of Invariant Sections, in the notice that says that the Document is released under this License. If a section does not fit the above definition of Secondary then it is not allowed to be designated as Invariant. The Document may contain zero Invariant Sections. If the Document does not identify any Invariant Sections then there are none.

The "Cover Texts" are certain short passages of text that are listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says that the Document is released under this License. A Front-Cover Text may be at most 5 words, and a Back-Cover Text may be at most 25 words.

A "Transparent" copy of the Document means a machine-readable copy, represented in a format whose specification is available to the general public, that is suitable for revising the document straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or for automatic translation to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup, or absence of markup, has been arranged to thwart or discourage subsequent modification by readers is not Transparent. An image format is not Transparent if used for any substantial amount of text. A copy that is not "Transparent" is called "Opaque".

Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, LaTeX input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML, PostScript or PDF designed for human modification. Examples of transparent image formats include PNG, XCF and JPG. Opaque formats include proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML, PostScript or PDF produced by some word processors for output purposes only.

The "Title Page" means, for a printed book, the title page itself, plus such following pages as are needed to hold, legibly, the material this License requires to appear in the title page. For works in formats which do not have any title page as such, "Title Page" means the text near the most prominent appearance of the work's title, preceding the beginning of the body of the text.

A section "Entitled XYZ" means a named subunit of the Document whose

title either is precisely XYZ or contains XYZ in parentheses following text that translates XYZ in another language. (Here XYZ stands for a specific section name mentioned below, such as "Acknowledgements", "Dedications", "Endorsements", or "History".) To "Preserve the Title" of such a section when you modify the Document means that it remains a section "Entitled XYZ" according to this definition.

The Document may include Warranty Disclaimers next to the notice which states that this License applies to the Document. These Warranty Disclaimers are considered to be included by reference in this License, but only as regards disclaiming warranties: any other implication that these Warranty Disclaimers may have is void and has no effect on the meaning of this License.

2. VERBATIM COPYING

You may copy and distribute the Document in any medium, either commercially or noncommercially, provided that this License, the copyright notices, and the license notice saying this License applies to the Document are reproduced in all copies, and that you add no other conditions whatsoever to those of this License. You may not use technical measures to obstruct or control the reading or further copying of the copies you make or distribute. However, you may accept compensation in exchange for copies. If you distribute a large enough number of copies you must also follow the conditions in section 3.

You may also lend copies, under the same conditions stated above, and you may publicly display copies.

3. COPYING IN QUANTITY

If you publish printed copies (or copies in media that commonly have printed covers) of the Document, numbering more than 100, and the Document's license notice requires Cover Texts, you must enclose the copies in covers that carry, clearly and legibly, all these Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on the back cover. Both covers must also clearly and legibly identify you as the publisher of these copies. The front cover must present the full title with all words of the title equally prominent and visible. You may add other material on the covers in addition.

Copying with changes limited to the covers, as long as they preserve the title of the Document and satisfy these conditions, can be treated as verbatim copying in other respects.

If the required texts for either cover are too voluminous to fit legibly, you should put the first ones listed (as many as fit reasonably) on the actual cover, and continue the rest onto adjacent pages.

If you publish or distribute Opaque copies of the Document numbering more than 100, you must either include a machine-readable Transparent

copy along with each Opaque copy, or state in or with each Opaque copy a computer-network location from which the general network-using public has access to download using public-standard network protocols a complete Transparent copy of the Document, free of added material. If you use the latter option, you must take reasonably prudent steps, when you begin distribution of Opaque copies in quantity, to ensure that this Transparent copy will remain thus accessible at the stated location until at least one year after the last time you distribute an Opaque copy (directly or through your agents or retailers) of that edition to the public.

It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to provide you with an updated version of the Document.

4. MODIFICATIONS

You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

- A. Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.
- B. List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the Document (all of its principal authors, if it has fewer than five), unless they release you from this requirement.
- C. State on the Title page the name of the publisher of the Modified Version, as the publisher.
- D. Preserve all the copyright notices of the Document.
- E. Add an appropriate copyright notice for your modifications adjacent to the other copyright notices.
- F. Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.
- G. Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document's license notice.
- H. Include an unaltered copy of this License.
- I. Preserve the section Entitled "History", Preserve its Title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section Entitled "History" in the Document, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.

- J. Preserve the network location, if any, given in the Document for public access to a Transparent copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the "History" section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.
- K. For any section Entitled "Acknowledgements" or "Dedications", Preserve the Title of the section, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein.
- L. Preserve all the Invariant Sections of the Document, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.
- M. Delete any section Entitled "Endorsements". Such a section may not be included in the Modified Version.
- N. Do not retitle any existing section to be Entitled "Endorsements" or to conflict in title with any Invariant Section.
- O. Preserve any Warranty Disclaimers.

If the Modified Version includes new front-matter sections or appendices that qualify as Secondary Sections and contain no material copied from the Document, you may at your option designate some or all of these sections as invariant. To do this, add their titles to the list of Invariant Sections in the Modified Version's license notice. These titles must be distinct from any other section titles.

You may add a section Entitled "Endorsements", provided it contains nothing but endorsements of your Modified Version by various parties--for example, statements of peer review or that the text has been approved by an organization as the authoritative definition of a standard.

You may add a passage of up to five words as a Front-Cover Text, and a passage of up to 25 words as a Back-Cover Text, to the end of the list of Cover Texts in the Modified Version. Only one passage of Front-Cover Text and one of Back-Cover Text may be added by (or through arrangements made by) any one entity. If the Document already includes a cover text for the same cover, previously added by you or by arrangement made by the same entity you are acting on behalf of, you may not add another; but you may replace the old one, on explicit permission from the previous publisher that added the old one.

The author(s) and publisher(s) of the Document do not by this License give permission to use their names for publicity for or to assert or imply endorsement of any Modified Version.

5. COMBINING DOCUMENTS

You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the

Invariant Sections of all of the original documents, unmodified, and list them all as Invariant Sections of your combined work in its license notice, and that you preserve all their Warranty Disclaimers.

The combined work need only contain one copy of this License, and multiple identical Invariant Sections may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the title of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work.

In the combination, you must combine any sections Entitled "History" in the various original documents, forming one section Entitled "History"; likewise combine any sections Entitled "Acknowledgements", and any sections Entitled "Dedications". You must delete all sections Entitled "Endorsements".

6. COLLECTIONS OF DOCUMENTS

You may make a collection consisting of the Document and other documents released under this License, and replace the individual copies of this License in the various documents with a single copy that is included in the collection, provided that you follow the rules of this License for verbatim copying of each of the documents in all other respects.

You may extract a single document from such a collection, and distribute it individually under this License, provided you insert a copy of this License into the extracted document, and follow this License in all other respects regarding verbatim copying of that document.

7. AGGREGATION WITH INDEPENDENT WORKS

A compilation of the Document or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, is called an "aggregate" if the copyright resulting from the compilation is not used to limit the legal rights of the compilation's users beyond what the individual works permit. When the Document is included in an aggregate, this License does not apply to the other works in the aggregate which are not themselves derivative works of the Document.

If the Cover Text requirement of section 3 is applicable to these copies of the Document, then if the Document is less than one half of the entire aggregate, the Document's Cover Texts may be placed on covers that bracket the Document within the aggregate, or the electronic equivalent of covers if the Document is in electronic form. Otherwise they must appear on printed covers that bracket the whole aggregate.

8. TRANSLATION

Translation is considered a kind of modification, so you may distribute translations of the Document under the terms of section 4. Replacing Invariant Sections with translations requires special permission from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the original versions of these Invariant Sections. You may include a translation of this License, and all the license notices in the Document, and any Warranty Disclaimers, provided that you also include the original English version of this License and the original versions of those notices and disclaimers. In case of a disagreement between the translation and the original version of this License or a notice or disclaimer, the original version will prevail.

If a section in the Document is Entitled "Acknowledgements", "Dedications", or "History", the requirement (section 4) to Preserve its Title (section 1) will typically require changing the actual title.

9. TERMINATION

You may not copy, modify, sublicense, or distribute the Document except as expressly provided for under this License. Any other attempt to copy, modify, sublicense or distribute the Document is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

10. FUTURE REVISIONS OF THIS LICENSE

The Free Software Foundation may publish new, revised versions of the GNU Free Documentation License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. See <http://www.gnu.org/copyleft/>.

Each version of the License is given a distinguishing version number. If the Document specifies that a particular numbered version of this License "or any later version" applies to it, you have the option of following the terms and conditions either of that specified version or of any later version that has been published (not as a draft) by the Free Software Foundation. If the Document does not specify a version number of this License, you may choose any version ever published (not as a draft) by the Free Software Foundation.

ADDENDUM: How to use this License for your documents

To use this License in a document you have written, include a copy of the License in the document and put the following copyright and license notices just after the title page:

Copyright (c) YEAR YOUR NAME.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".

If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts, replace the "with...Texts." line with this:

with the Invariant Sections being LIST THEIR TITLES, with the Front-Cover Texts being LIST, and with the Back-Cover Texts being LIST.

If you have Invariant Sections without Cover Texts, or some other combination of the three, merge those two alternatives to suit the situation.

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.