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ANATOMICAL PLATES

OF THE

BONES AND MUSCLES,

DIMINISHED FROM

ALBINUS,

FOR

THE USE

OF

Students in Anatomy, and Artists:

ACCOMPANIED BY

Explanatory Maps.

BY

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A NEW EDITION.

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1818.

PREFACE.

THE Anatomical Plates here presented to the Public were designed to accompany the last edition of the ANATOMIST'S VADE-MECUM; but the great and unexpected demand for that work obliged the Author to put it to press before the plates could be executed. They now form a separate Fasciculus, and may either be attached to that work, or not.

It is hoped, that the Explanatory Maps which accompany the plates, will enable the student, for whose use they principally are intended, to obtain, with greater facility, an accurate knowledge of the situation of the bones and muscles. Should the plan be approved, this fasciculus will be followed by others, to illustrate the situation, form, &c. of the viscera, blood-vessels, nerves, absorbents, &c.

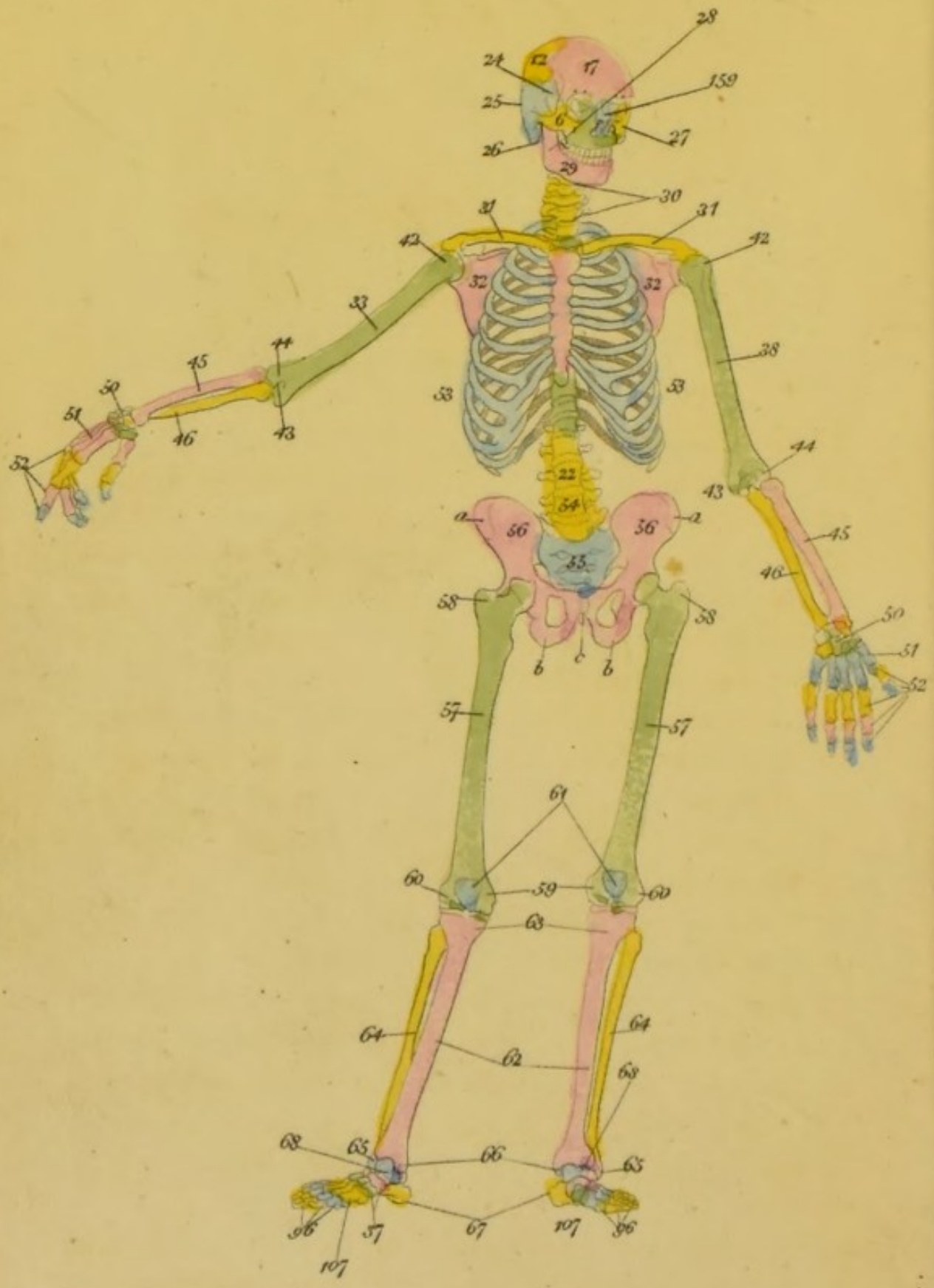
The reader will be pleased to observe, that, in order to preserve the beauty of the engravings, no references are inserted; and that, with respect to those of the maps, the same numbers are mostly affixed to the same part, in whatever plate they may occur (thus, for example, 185, which occurs in several plates, is always put to mark the Gastrocnemius externus: thus, 86 will be found affixed to the different plates in which the Psoas magnus is exhibited, &c. &c.); and to obviate the tediousness which attends turning over leaves to consult one general reference, the references of each plate are printed on the opposite side.

This plate exhibits a front view of the skeleton.

Front view of the Skeleton

rtland, delin.

S. Humble sculp.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A Map of the Skeleton anteriorly.

REFERENCES.

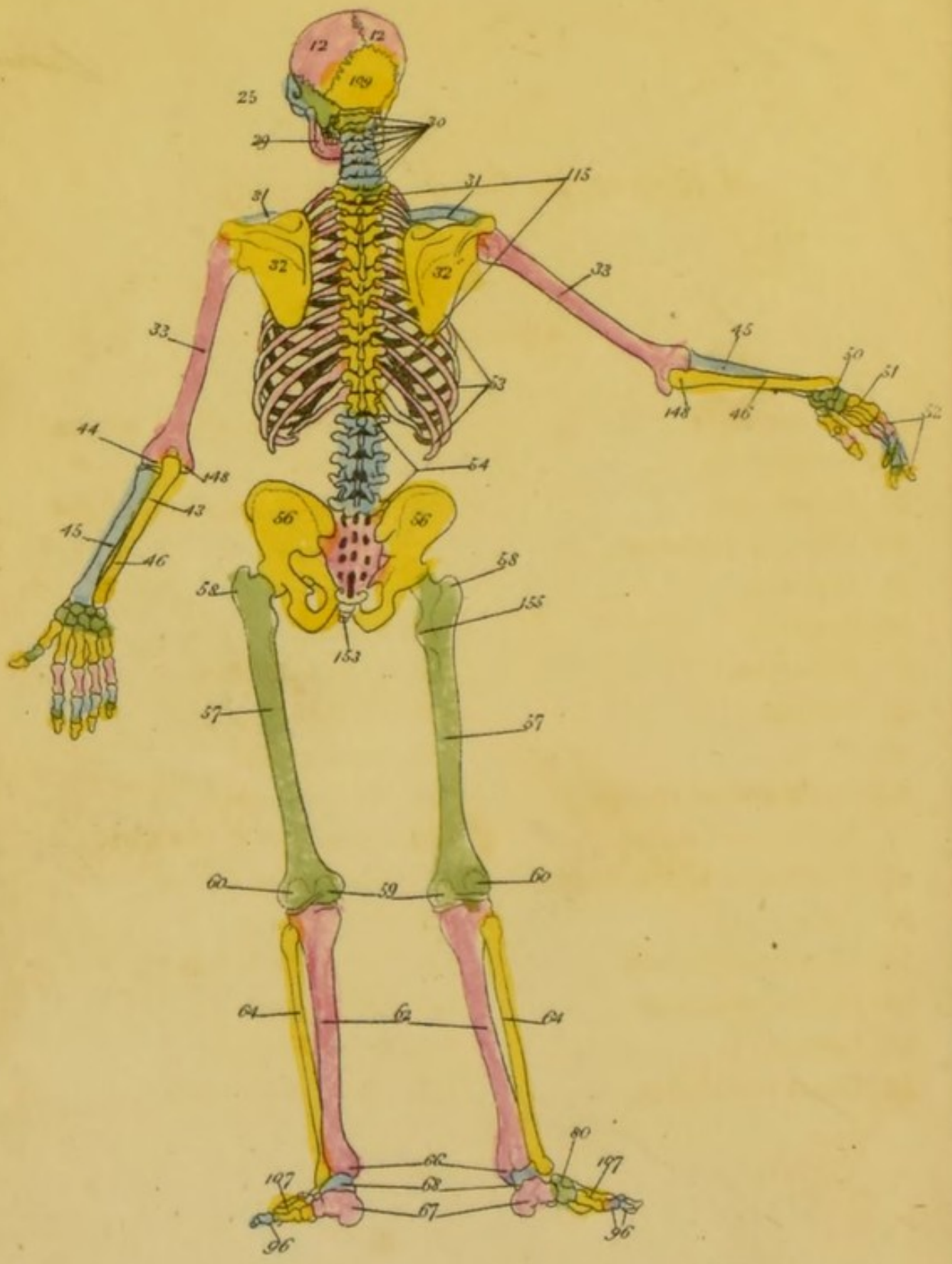
12. Os parietale.
17. — frontis.
24. — sphænoideum.
25. — temporis.
26. Mastoid process.
27. Os malæ.
28. — maxillare superius.
29. — maxillare inferius.
30. Cervical vertebræ.
31. Clavicle.
32. Scapula.
33. Humerus.
37. Small bones of the tarsus.
42. Head of the humerus.
43. Internal condyle of the humerus.
44. External condyle of the humerus.
45. Radius.
46. Ulna.
50. Eight bones of the carpus.
51. Metacarpal bones.
52. Phalanges of the fingers.
53. Ribs.
54. Lumbar vertebræ.
55. Sacrum.
56. Os innominatum: — *a*, ilium; *b*, ischium; *c*, pubis.
57. Femur.
58. The great trochanter.
59. Internal condyle of the femur.
60. External condyle of the femur.
61. Patella.
62. Tibia.
63. Head of the tibia.
64. Fibula.
65. External ankle.
66. Internal ankle.
67. Os calcis.
68. Astragalus.
96. Phalanges of the toes.
107. Metatarsal bones.
159. Os nasi.

A back view of the skeleton.

Back view of the Skeleton.

tland. delin.

J. Kemble, sculp.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A Map of the Skeleton posteriorly.

REFERENCES.

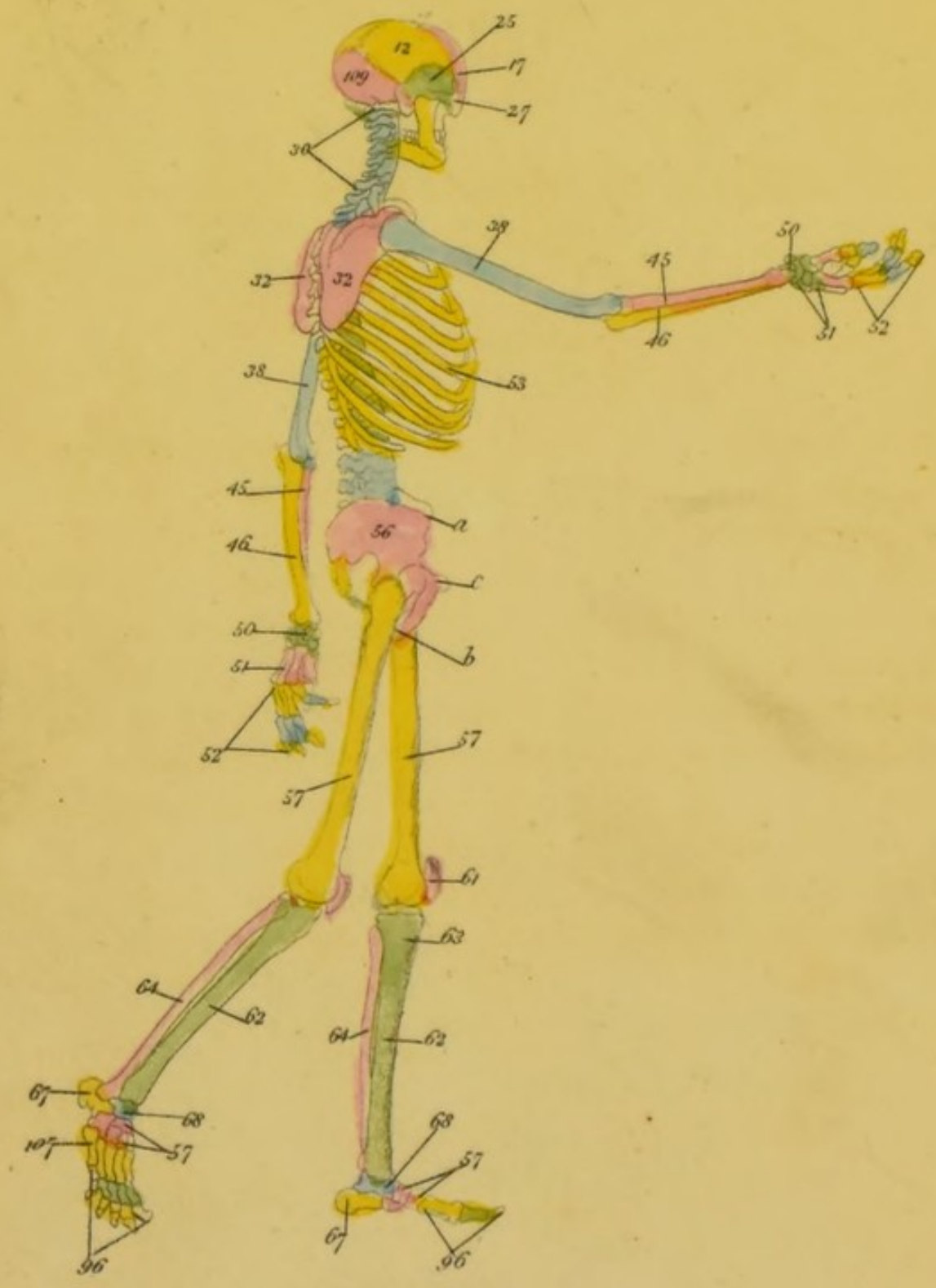
12. Os parietale.
25. — temporis
29. Lower jaw.
30. Cervical vertebræ.
31. Clavicle.
32. Scapula.
33. Humerus.
45. Radius.
46. Ulna.
50. Eight carpal bones.
51. Metacarpal bones.
52. Phalanges of the fingers.
53. Ribs.
54. Lumbar vertebræ.
56. Os innominatum.
57. Femur.
58. Great trochanter.
59. Internal condyle of the femur.
60. External condyle of the femur.
62. Tibia.
64. Fibula.
66. Internal ankle.
67. Os calcis.
68. Astragalus.
80. Tarsal bones.
96. Phalanges of the toes.
107. Metatarsal bones.
109. Os occipitis.
115. Dorsal vertebræ.
148 Olecranon.
153. Os coccygis.
155. Little trochanter.

A side view of the skeleton.

Side view of the Skeleton.

Ferrand, delin.

J. Humble sculp.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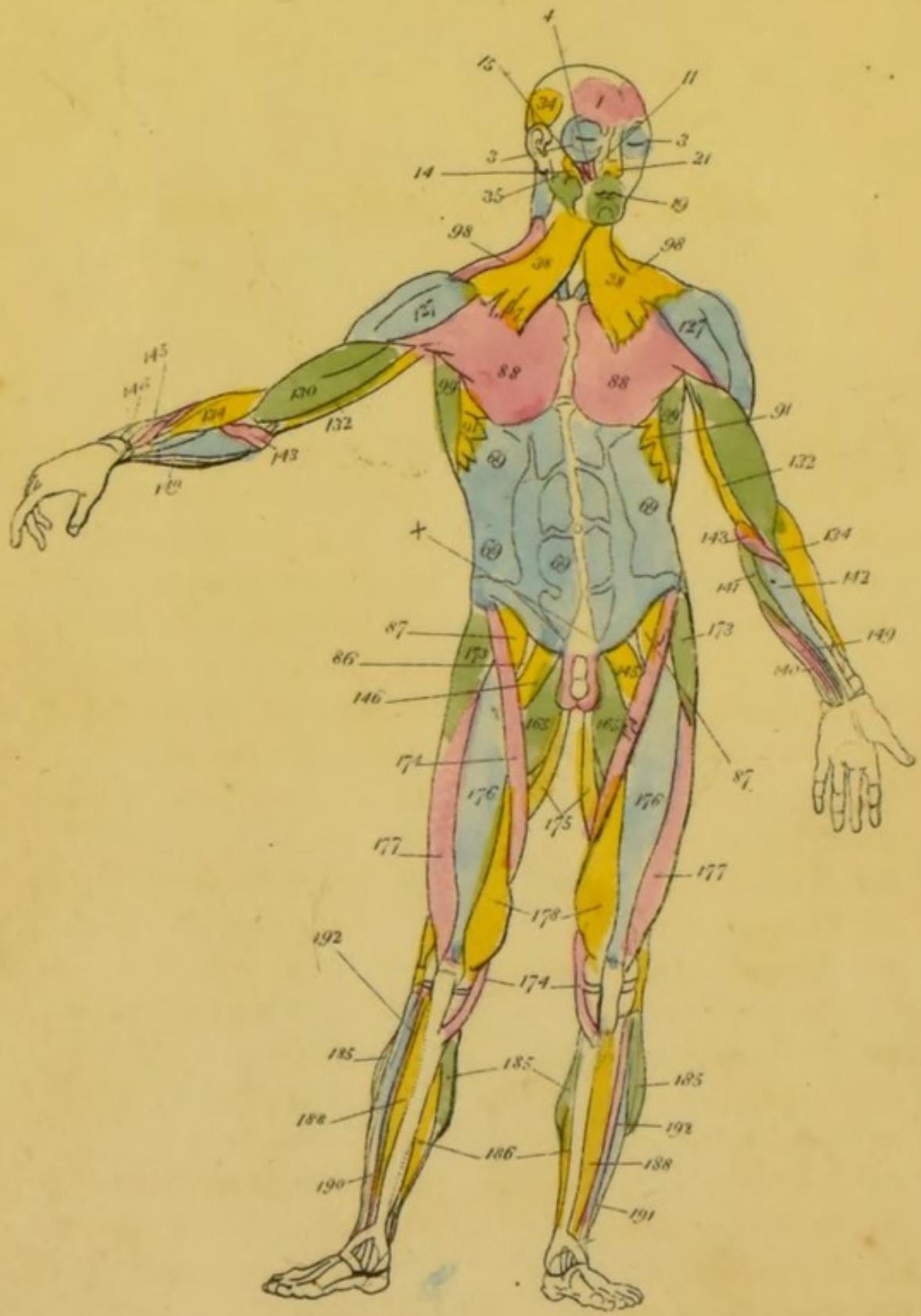
A Map of the Side View of the Skeleton.

REFERENCES.

12. Os parietale.
17. — frontis.
25. — temporis.
27. — malæ.
30 Cervical vertebræ.
32. Scapula.
38. Os humeri.
45. Radius.
46. Ulna.
50. Carpal bones.
51. Metacarpal bones.
52. Phalanges of the fingers.
53. Ribs.
56. Os innominatum: — *a*, iliac portion; *b*, ischium; *c*, pubis.
57. Os femoris.
57. Bones of the tarsus.
61. Patella.
62. Tibia.
63 Head of the tibia.
64. Fibula.
67. Os calcis.
68. Astragalus.
96. Phalanges of the toes.
107. Metatarsal bones.
109. Os occipitale.

This plate represents the outermost order of muscles, as they appear when the body is deprived of its common integuments and fasciæ.

First Order.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A Map of the First Order of Muscles.

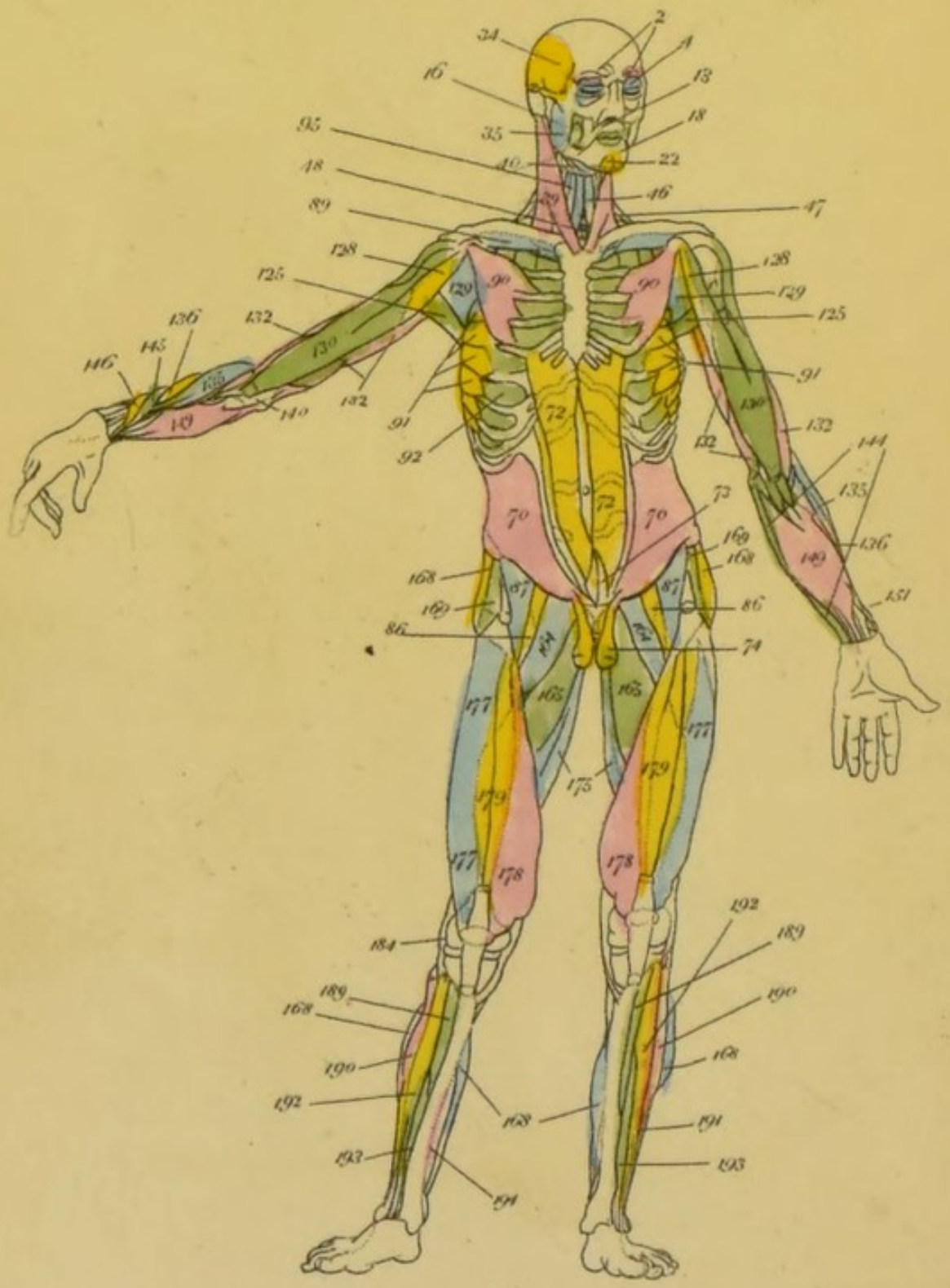
REFERENCES.

1. Occipito-frontalis.
3. Orbicularis palpebrarum.
4. Levator palpebræ superioris
11. ——— labii superioris alæque nasi.
14. Zygomaticus major.
15. ——— minor.
19. Orbicularis oris.
21. Constrictor nasi.
35. Masseter.
38. Platysma myoides.
69. Obliquus externus abdominis.
86. Psoas magnus.
88. Pectoralis major.
91. Serratus major anticus.
98. Trapezius.
99. Latissimus dorsi.
127. Deltoides.
130. Biceps flexor cubiti.
132. Triceps extensor cubiti.
134. Supinator radii longus.
140. Flexor carpi ulnaris.
141. Palmaris longus.
142. Flexor carpi radialis.
143. Pronator radii teres.
145. Extensor ossis metacarpi pollicis magnus.
146. ——— primi internodii.
149. Flexor digitorum sublimis.
165. Triceps adductor femoris
173. Tensor vaginæ femoris.
174. Sartorius.
177. Vastus externus.
178. ——— internus.
185. Gastrocnemius externus.
186. ——— internus.
* Abdominal rings.

Several of the outermost layer of muscles are removed in this figure, to bring the second order into view.

Second Order.

Kirtland delin. G. Mundle Sculp. & Lithocaustic Printing Hedborne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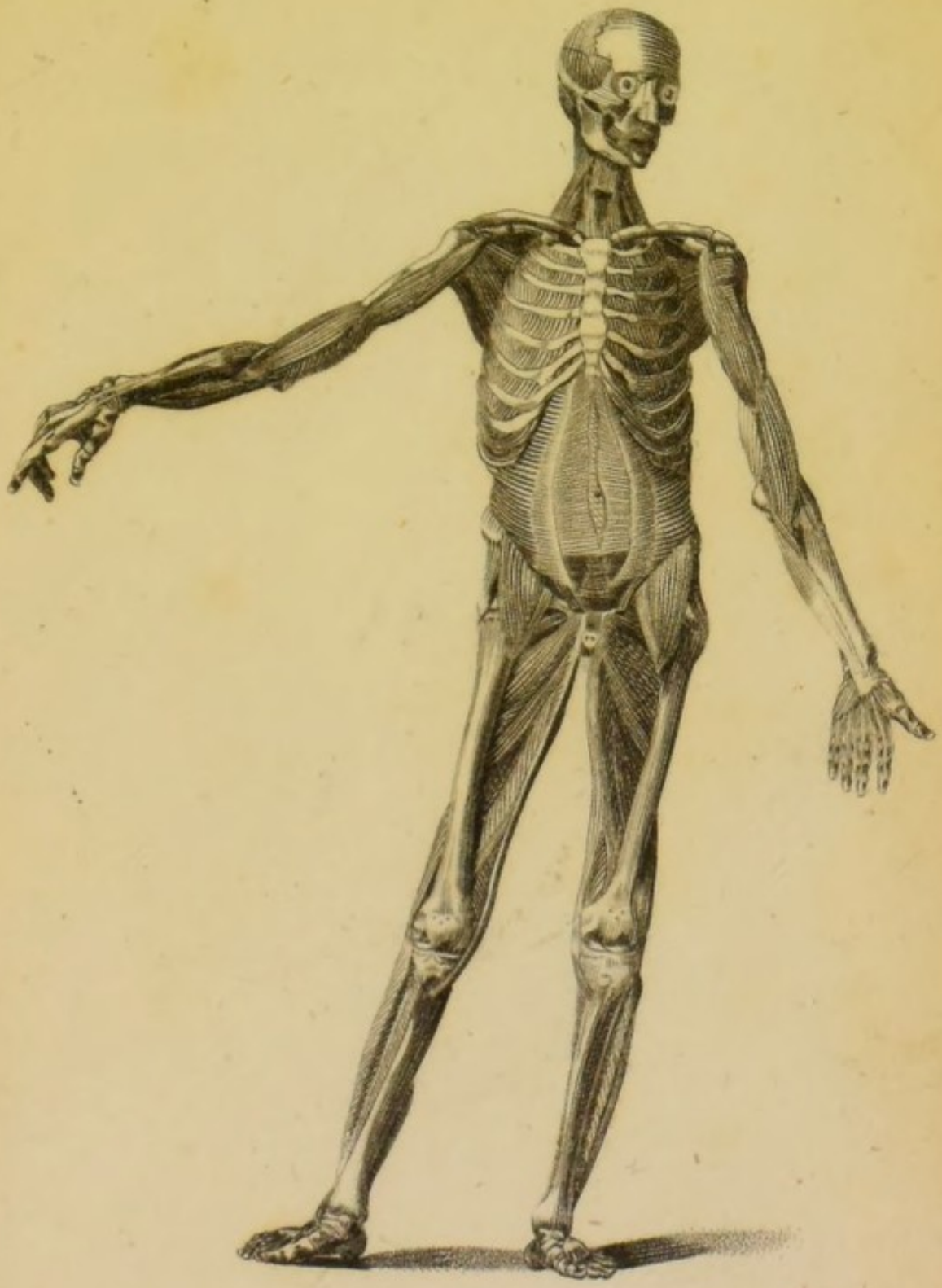
A Map of the Second Layer of Muscles.

REFERENCES.

2. Corrugator supercilii.
4. Levator palpebræ superioris.
13. ——— anguli oris.
16. Buccinator.
18. Depressor anguli oris.
22. Levator menti.
34. Temporalis.
35. Masseter.
39. Sterno-cleido-mastoideus.
40. Digastricus.
46. Sterno-hyoideus.
47. Omo hyoideus.
48. Sterno-thyroideus.
70. Obliquus internus abdominis.
72. Rectus abdominis.
73. Pyramidalis.
74. Cremaster.
86. Psoas magnus.
87. Iliacus internus.
89. Subclavius.
90. Pectoralis minor.
91. Serratus major anticus.
95. Rectus internus capitis major.
125. Teres minor.
128. Coraco-brachialis.
129. Subscapularis.
130. Biceps flexor cubiti.
132. Triceps extensor cubiti.
135. Extensor carpi radialis longior.
136. ——— carpi radialis brevior.
140. Flexor carpi ulnaris.
145. Extensor ossis metacarpi pollicis manus.
146. ——— primi internodii.
149. Flexor digitorum sublimis.
151. ——— longus pollicis.
164. Pectinalis.
165. Triceps adductor femoris.
168. Gluteus medius.
169. ——— minimus.
175. Gracilis.
177. Vastus externus.
178. ——— internus.
179. Cruræus.
186. Flexor longus pollicis pedis.
189. Tibialis posticus.
190. Peroneus longus.
191. ——— brevis.
192. Extensor longus digitorum pedis.
193. ——— proprius pollicis pedis.
194. Flexor longus digitorum pedis.

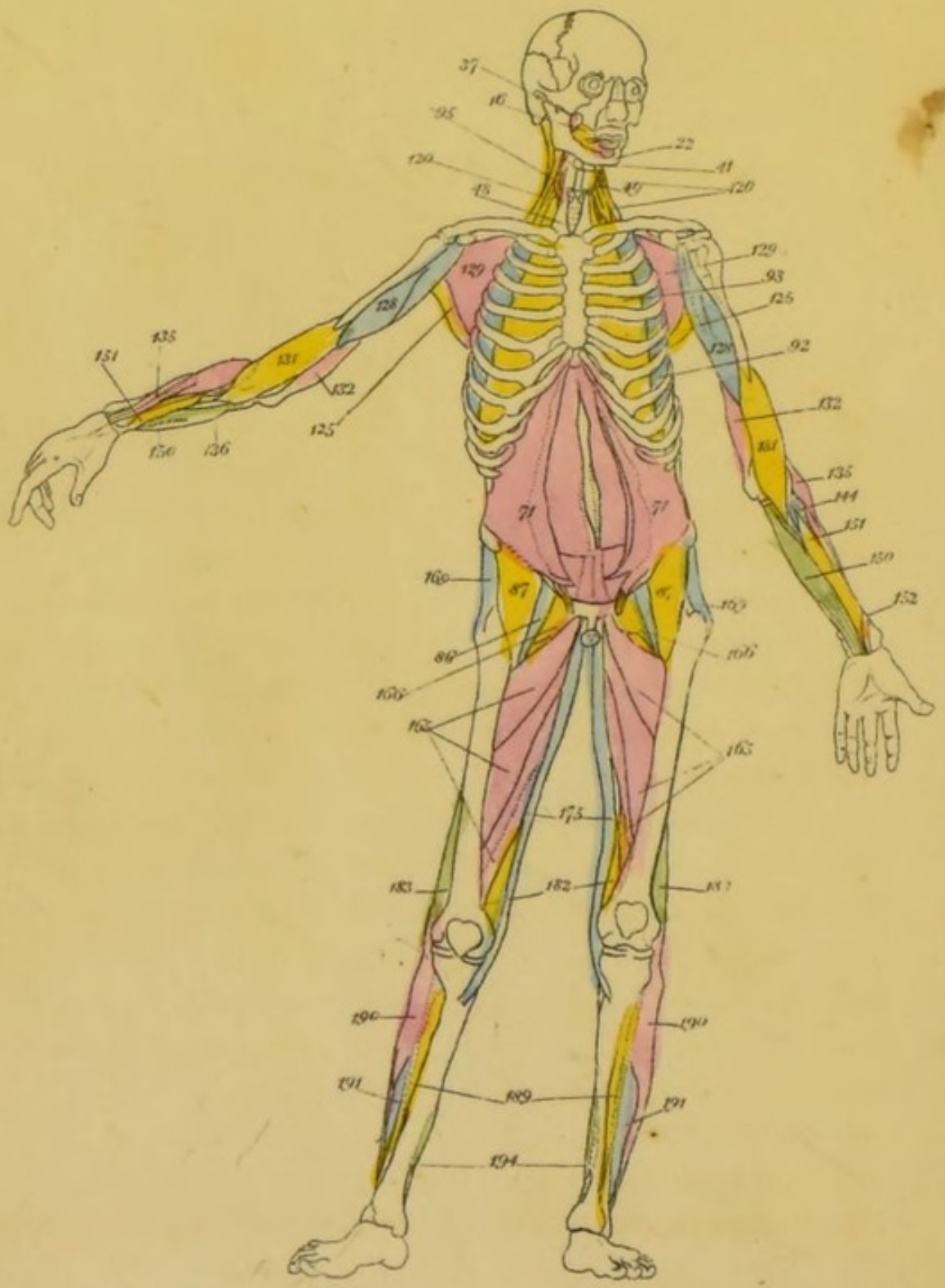
This plate exhibits the third layer of muscles; the first and second orders having been removed.



Third Order.

Virtland delin.

J. Hamilton Sculp.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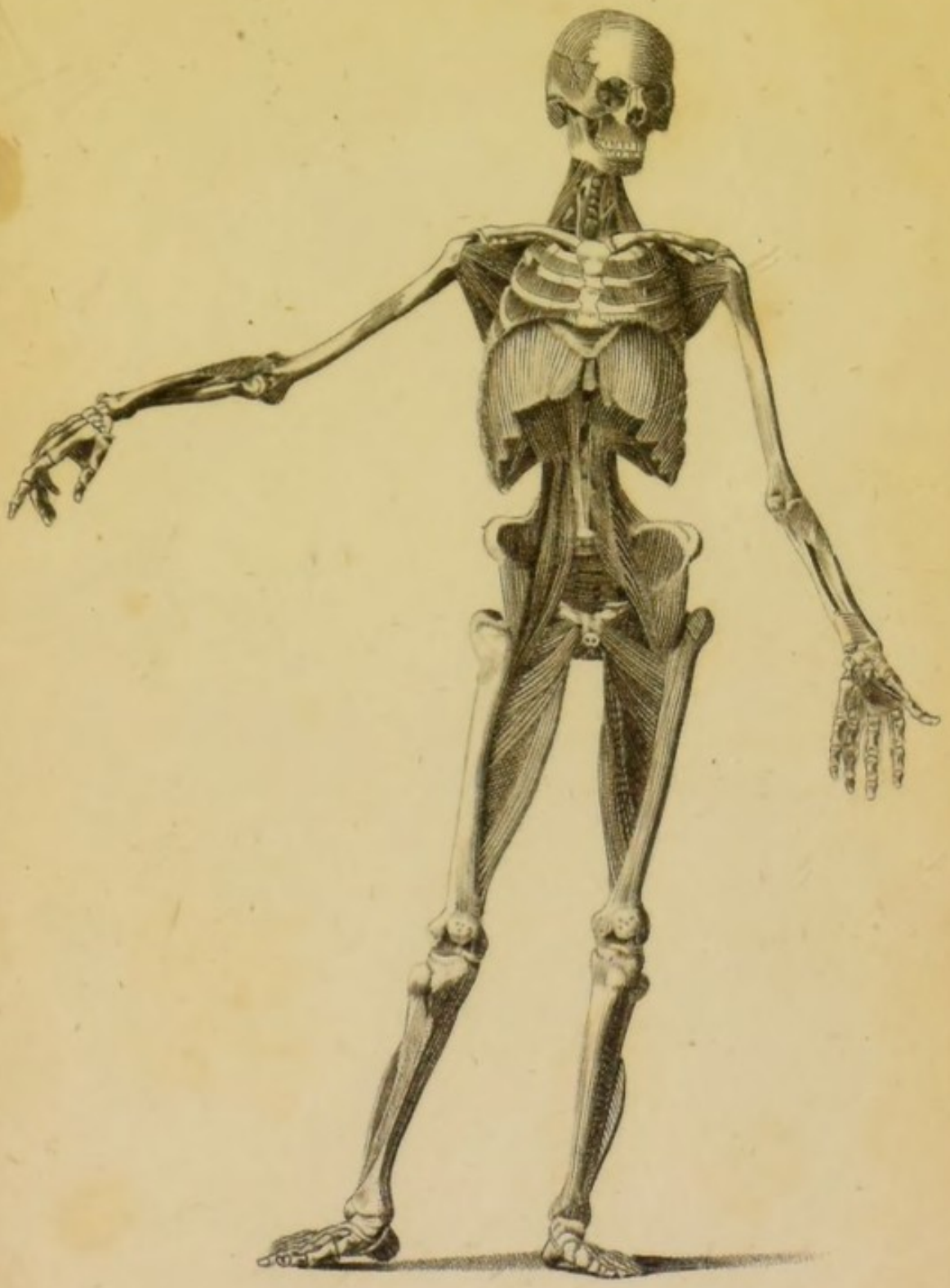
A Map of the Third Order of Muscles.

REFERENCES.

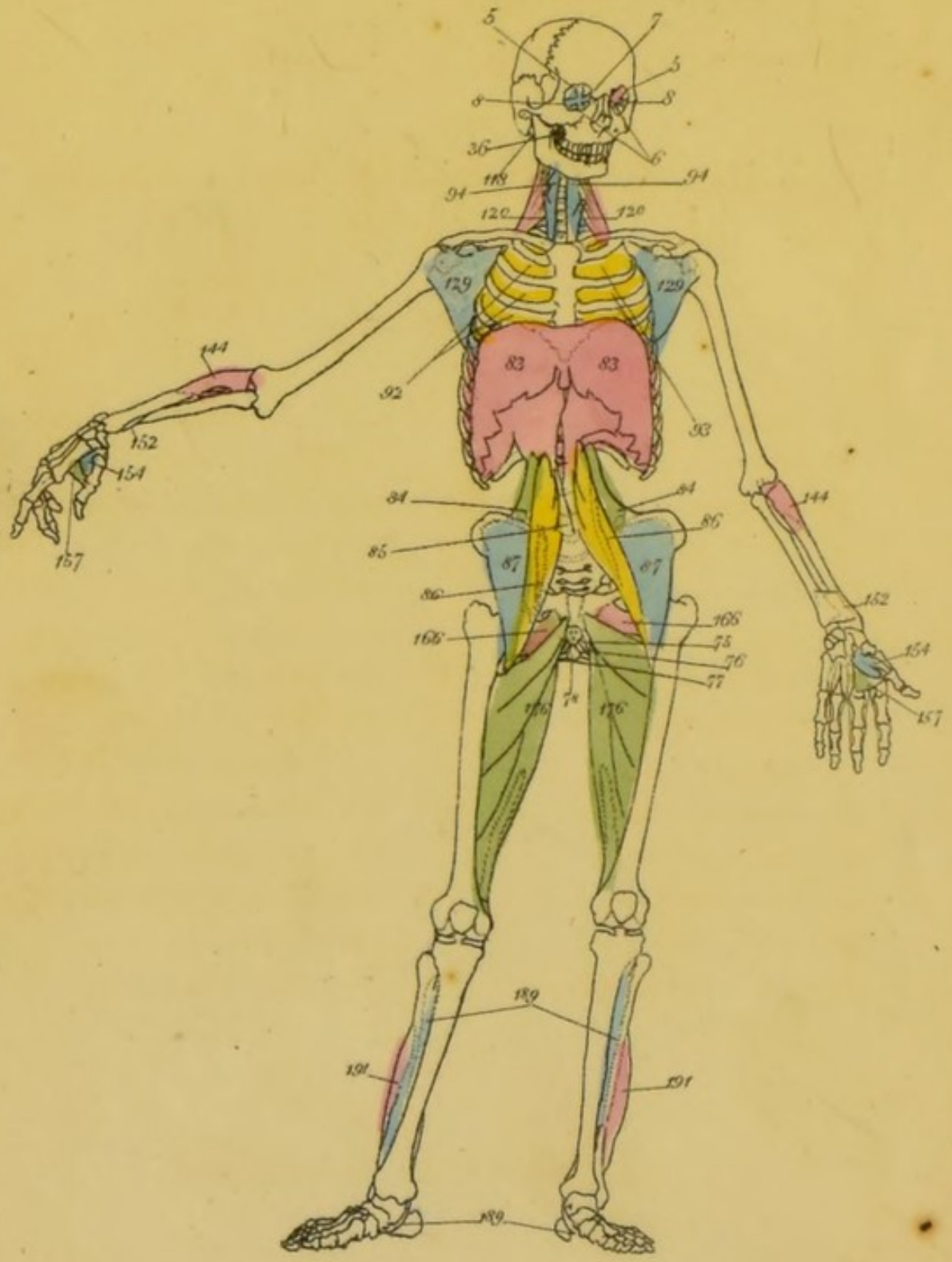
16. Buccinator.
22. Levator menti.
37. Pterygoideus externus.
41. Mylo-hyoideus.
48. Sterno-thyroideus.
49. Hyo-thyroideus.
71. Transversalis abdominis.
86. Psoas magnus.
87. Iliacus internus.
92. Intercostales externi.
93. ——— interni.
95. Rectus internus capitis major.
120. Scalenus.
125. Teres minor.
128. Coraco-brachialis.
129. Subscapularis.
131. Brachialis internus.
132. Triceps extensor cubiti.
135. Extensor carpi radialis longior.
186. ——— radialis brevior.
144. Supinator radii brevis.
150 Flexor digitorum profundus.
151. ——— longus pollicis.
152. Pronator radii quadratus.
165. Triceps adductor femoris.
166. Obturator externus.
169. Gluteus minimus.
175. Gracilis.
182. Semimembranosus.
183. Biceps flexor cruris.
189. Tibialis posticus.
190. Peroneus longus.
191. ——— brevis.
194. Flexor longus digitorum pedis.

The three outermost orders of muscles are removed from this figure, to bring the fourth or last layer into view.



Fourth Order.

rtlanā delin. *S. Hamble sculp.*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A Map of the last Layer of Muscles anteriorly.

REFERENCES.

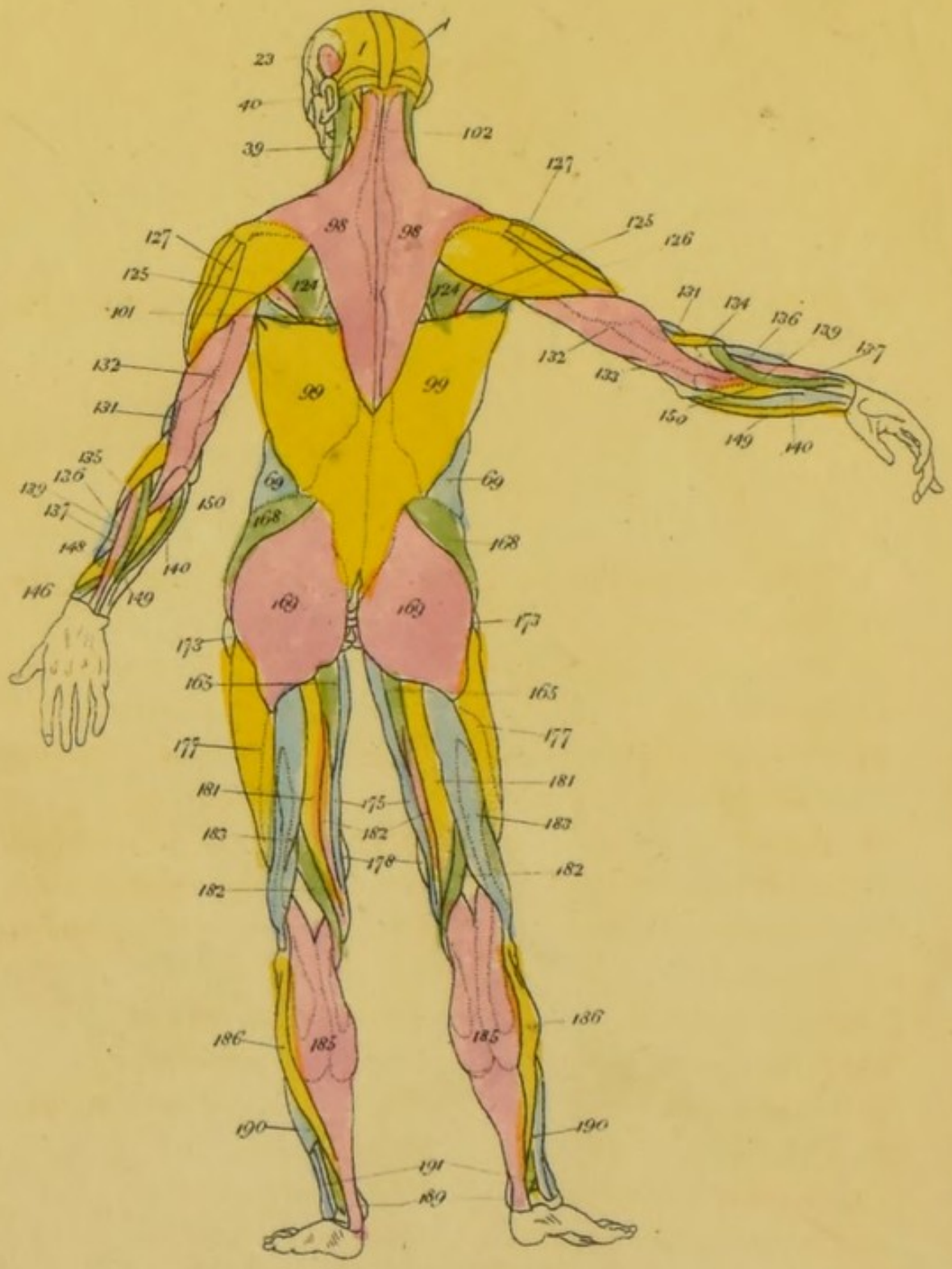
5. Rectus superior oculi.
6. ——— inferior oculi.
7. ——— internus oculi.
8. ——— externus oculi.
36. Pterygoideus internus.
75. Erector penis.
76. Accelerator urinæ.
77. Transversalis perinæi.
78. Sphincter ani.
84. Quadratus lumborum.
85. Psoas parvus.
86. ——- magnus.
87. Iliacus internus.
92. Intercostales externi.
93. Intercostales interni.
94. Longus colli.
118. Obliquus capitis superior.
120. Scalenus.
129. Subscapularis.
144. Supinator radii brevis.
152. Pronator radii quadratus.
154. Flexor brevis pollicis manus.
157. Adductor pollicis manus.
166. Obturator externus.
176. Triceps adductor femoris
189. Tibialis posticus.
191. Peroneus brevis.

This plate exhibits the outermost layer of muscles posteriorly, as they appear when the common integuments and fasciæ are removed.

First order.

land delin.

S. Humble Sculp.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A Map of the outermost Layer of Muscles on the posterior Surface of the Body.

REFERENCES.

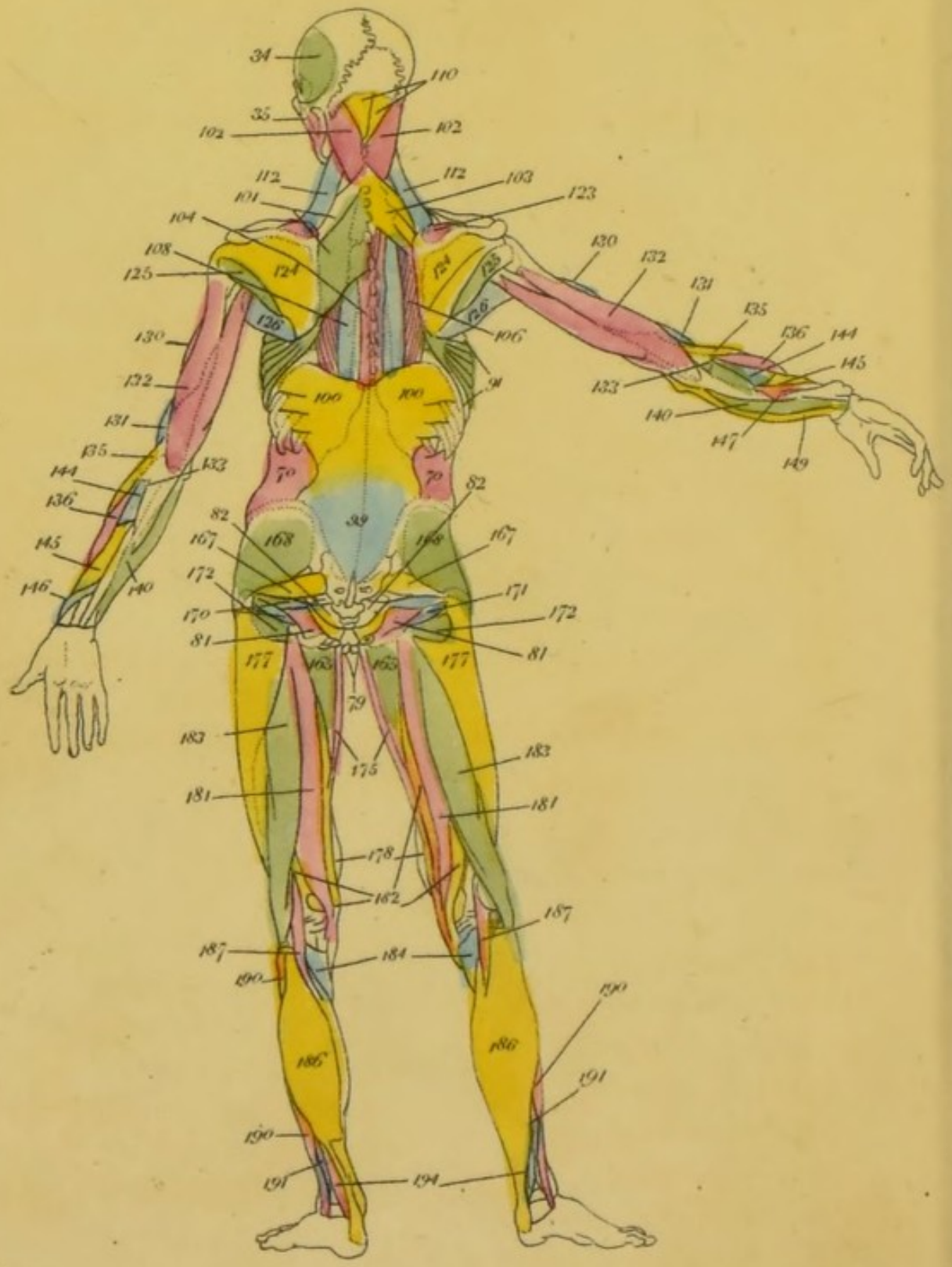
1. Occipito-frontalis.
23. Superior auris.
39. Sterno-cleido mastoideus.
40. Digastricus.
69. Obliquus externus abdominis.
98. Trapezius.
99. Latissimus dorsi.
101. Rhomboideus.
102. Splenius.
124. Infra spinatus.
125. Teres minor.
126. ——- major.
127. Deltoides.
131. Brachialis internus.
132. Triceps extensor cubiti.
133. Anconeus.
134. Supinator radii longus.
135. Extensor carpi radialis longior.
136. Extensor carpi radialis brevior.
137. Extensor digitorum communis.
139. ——— carpi ulnaris.
140. Flexor carpi ulnaris.
145. Extensor ossis metacarpi pollicis manus.
146. ——— primi internodii.
149. Flexor digitorum sublimis
150. ——————— profundus.
165. Gracilis.
168. Gluteus medius.
169. ——- maximus.
173. Tensor vaginæ femoris.
175. Gracilis.
177. Vastus externus.
178. ——— internus.
181. Semitendinosus.
182. Semimembranosus.
183. Biceps flexor cruris.
185. Gastrocnemius externus.
186. ——————— internus.
190. Peroneus longus.

Some of the outermost layer of muscles are removed, in this figure, from the posterior surface of the body, to bring the second order into view.

Second order.

rtland delin.

J. Humble sculp.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A Map of the Second Order of Muscles on the posterior Surface of the Body.

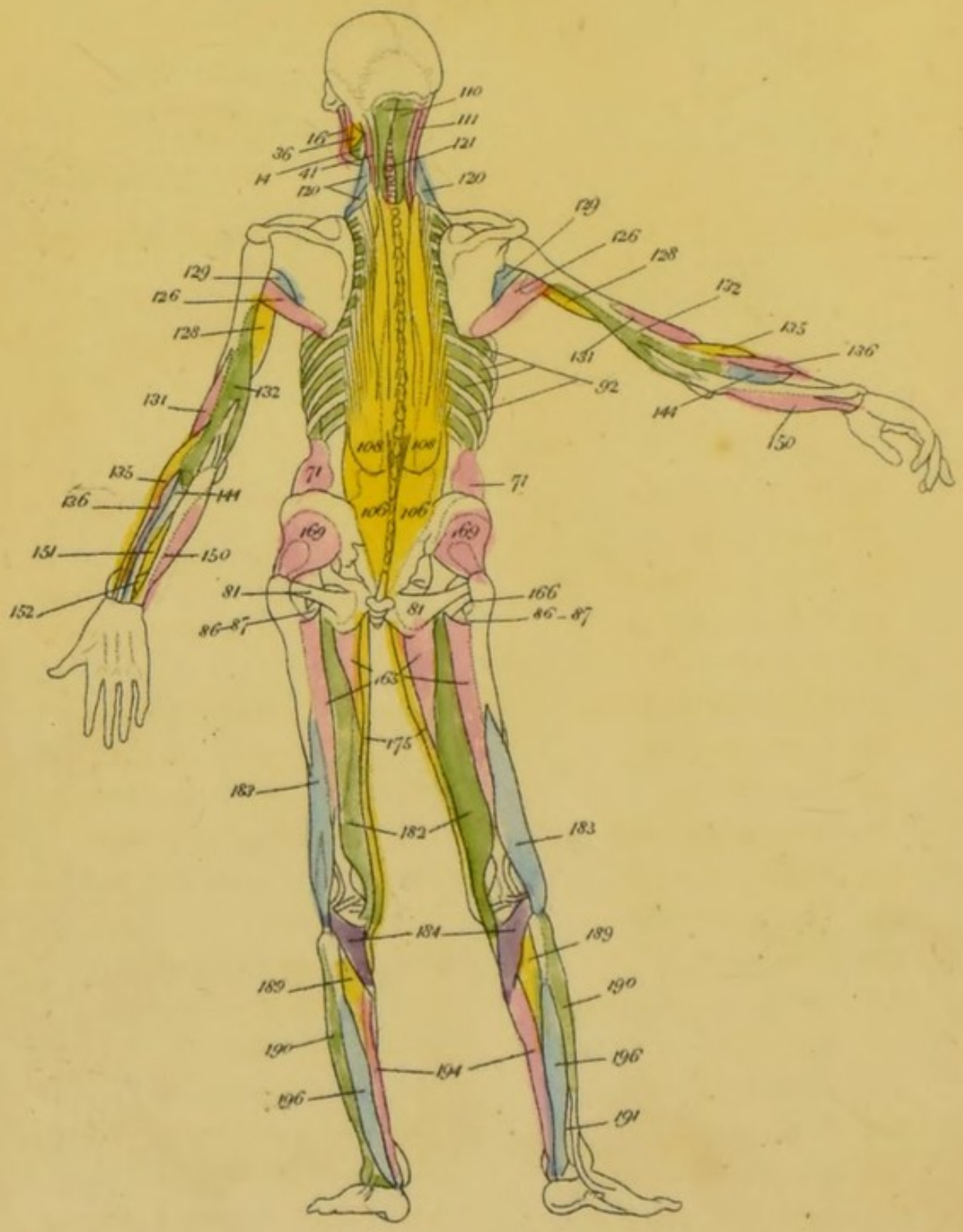
REFERENCES.

34. Temporalis.
35. Masseter.
70. Obliquus internus abdominis.
79. Levator ani.
81. Obturator internus.
82. Coccygeus.
91. Serratus major anticus.
99. Latissimus dorsi.
100. Serratus posticus inferior.
101. Rhomboideus.
102. Splenius.
103. Serratus superior posticus
104. Spinalis dorsi.
106. Sacro-lumbalis.
108. Longissimus dorsi.
110. Complexus.
112. Levator scapulæ.
123. Supra-spinatus.
124. Infra spinatus.
125. Teres minor.
126. ——- major.
130. Biceps flexor cubiti.
131. Brachialis internus.
132. Triceps extensor cubiti.
133. Anconeus.
135. Extensor carpi radialis longior.
136. Entensor carpi radialis brevior.
140. Flexor carpi ulnaris.
144. Supinator radii brevis.
145. Extensor ossis metacarpi pollicis manus.
146. ——— primi internodii.
147. ——— secundi internodii.
149. Flexor digitorum sublimis.
165. Triceps adductor femoris.
167. Pyriformis.
168. Gluteus medius.
170. } Gemini.
171. }
172. Quadratus femoris.
175. Gracilis.
177. Vastus externus.
178. ——— internus.
181. Semitendinosus.
182. Semimembranosus.
183. Biceps flexor cruris.
184. Popliteus,
186. Gastrocnemius internus.
187. Plantaris.
190. Peroneus longus.
191. ——— brevis.
194. Flexor longus digitorum pedis.

The outermost and second layer of muscles are here removed to exhibit the third order.

Third order.

Cirtland delin. *T. Humble sculp.*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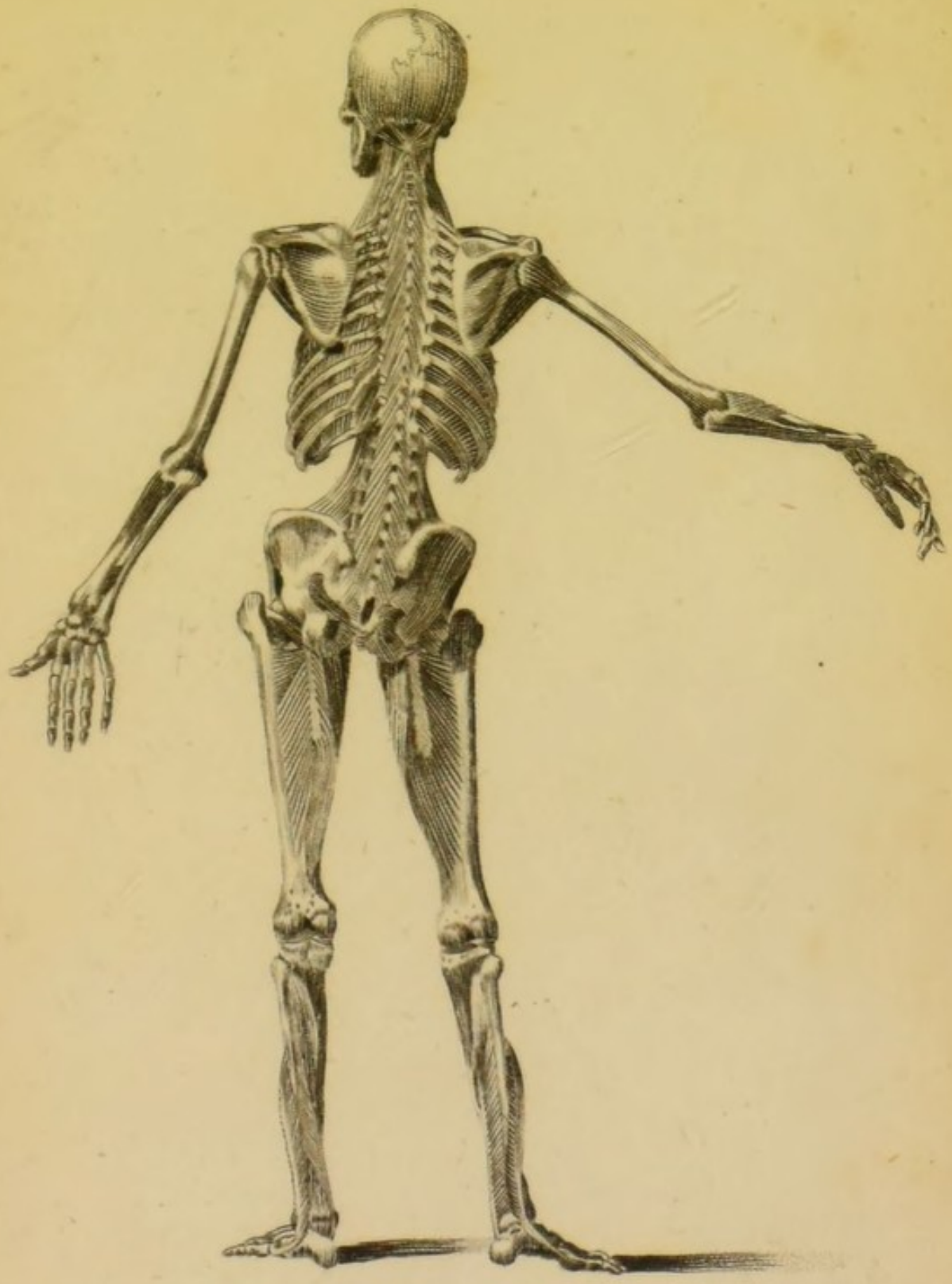
A Map of the Third Order of Muscles on the posterior Surface of the Body.

REFERENCES.

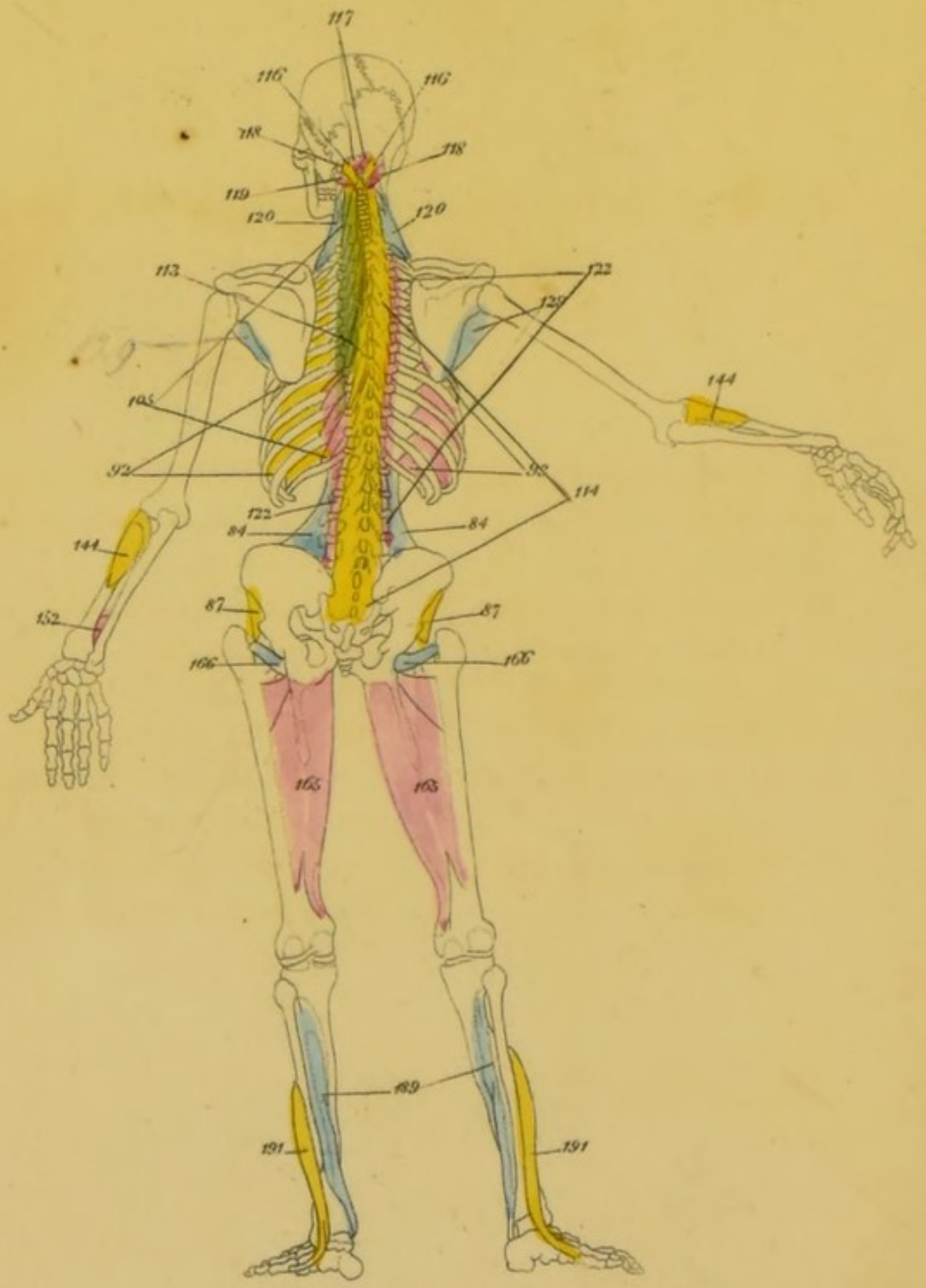
14. Mylo-hyoideus.
16. Buccinator.
36. Pterygoideus internus.
41. Complexus.
71. Transversalis abdominis.
81. Obturator internus.
86. Psoas magnus.
87. —— parvus.
92. Intercostales externi.
106. Sacro-lumbalis.
108. Longissimus dorsi.
110. Complexus.
111. Trachelo-mastoideus.
120. Scalenus.
121. Interspinales.
126. Teres major.
128. Coraco-brachialis.
129. Subscapularis.
131. Brachialis internus.
132. Triceps extensor cubiti.
135. Extensor carpi radialis longior.
136. Extensor carpi radialis brevior.
144 Supinator radii brevis.
150. Flexor digitorum sublimis.
151. ——— longus pollicis.
152. Pronator radii quadratus.
165. Triceps adductor femoris.
166. Obturator externus.
169. Gluteus minimus.
175. Gracilis.
182. Semimembranosus.
183. Biceps flexor cruris.
184. Popliteus.
189. Tibialis posticus.
190. Peroneus longus.
191. ——— brevis.
194. Flexor longus digitorum pedis.
196. ——— pollicis pedis.

This plate exhibits the last layer of muscles posteriorly.



Fourth order.

Tirtland delin — *T. Trimble sculp.t T. Featherstone Build.r Hugh Heller*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A Map of the last Order of Muscles on the posterior Surface of the Body.

REFERENCES.

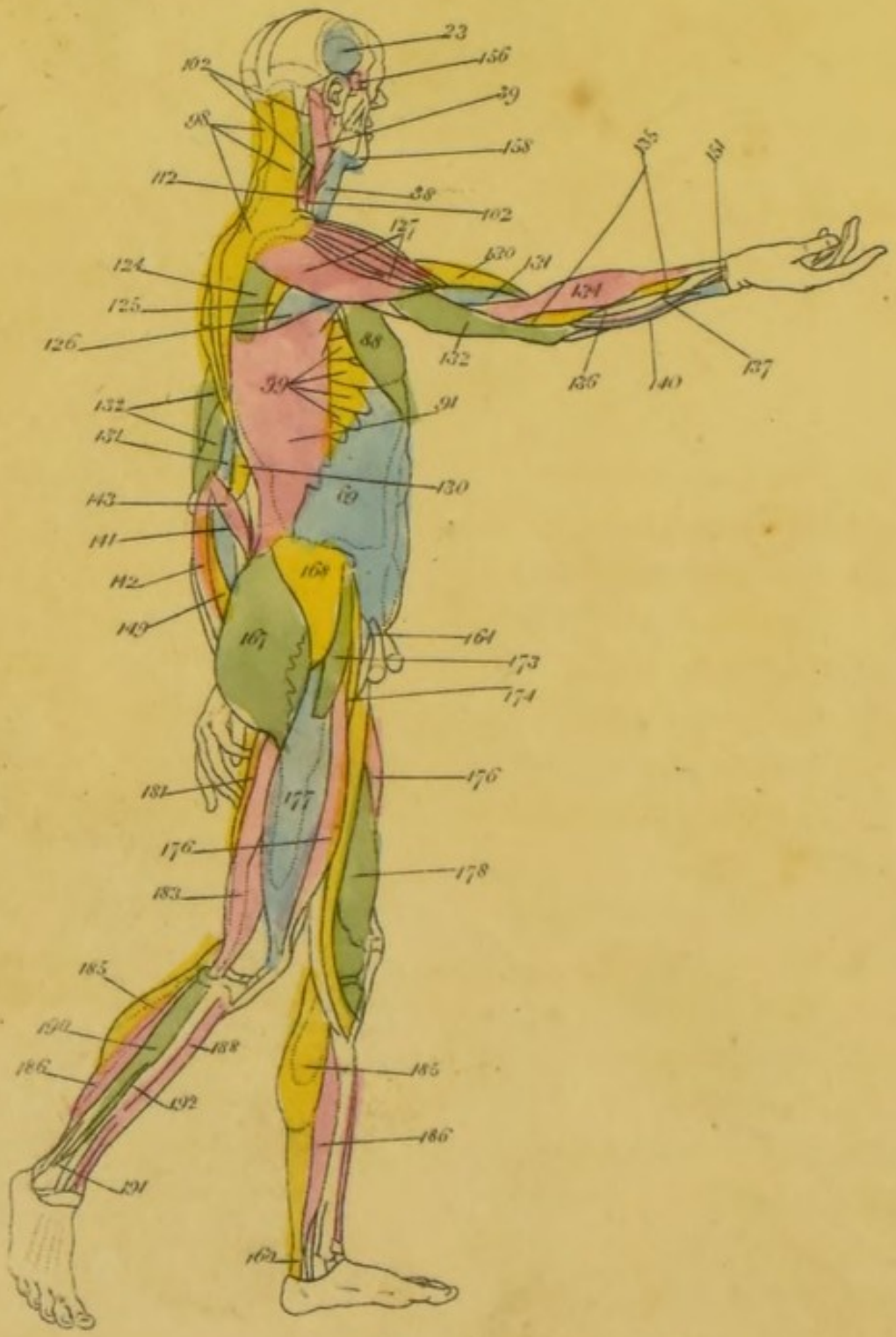
84. Quadratus lumborum.
87. Iliacus internus.
92. Intercostales externi.
93. ——————— interni.
105. Levatores costarum.
113. Semispinales dorsi.
114. Multifidus spinæ.
116. Rectus capitis posticus major.
117. Rectus capitis posticus minor.
118. Obliquus capitis superior.
119. ——————— inferior.
120. Scalenus.
122. Intertransversales.
129. Subscapularis.
144. Supinator radii brevis.
152. Pronator radii quadratus.
165. Triceps adductor femoris.
166. Obturator externus.
189. Tibialis posticus.
191. Peroneus brevis.

This figure represents a side view of the external layer o. muscles, as they appear when the common integuments and fasciæ are removed.

Side view of the First order.

Kirtland delin

T. Humble sculp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A Map of the Side View of the external Layer of Muscles.

REFERENCES.

38. Platysma myoides.
39. Sterno-cleido-mastoideus.
69. Obliquus externus abdominis.
88. Pectoralis major.
91. Latissimus dorsi.
98. Trapezius.
99. Serratus major anticus.
102. Splenius.
112. Levator scapulæ.
124. Infra-spinatus.
125. Teres minor.
126. ——— major.
127. Deltoides.
130. Biceps flexor cubiti.
131. Brachialis internus.
132. Triceps extensor cubiti.
134. Supinator radii longus.
135. Entensor carpi radialis longior.
136. Extensor carpi radialis brevior.
137. ——— digitorum communis.
140. Flexor carpi ulnaris.
141. Palmaris longus.
142. Flexor carpi ulnaris.
143. Pronator radii teres.
149. Flexor digitorum sublimis.
151. ——— longus pollicis.
156. Anterior auris.
158. Depressor anguli oris.
160. Tendo Achillis.
164. Pectinalis.
167. Gluteus maximus.
168. ——— medius.
173. Tensor vaginæ femoris.
174. Sartorius.
176. Rectus femoris.
177. Vastus externus.
178. ——— internus.
181. Semitendinosus.
183. Biceps flexor cruris.
185. Gastrocnemius externus.
186. ——— internus.
188. Tibialis anticus.
190. Peroneus longus.
191. ——— brevis.
192. Extensor longus digitorum pedis.

THE END.

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