ANATOMY AND DRAWING

BY VICTOR PERARD

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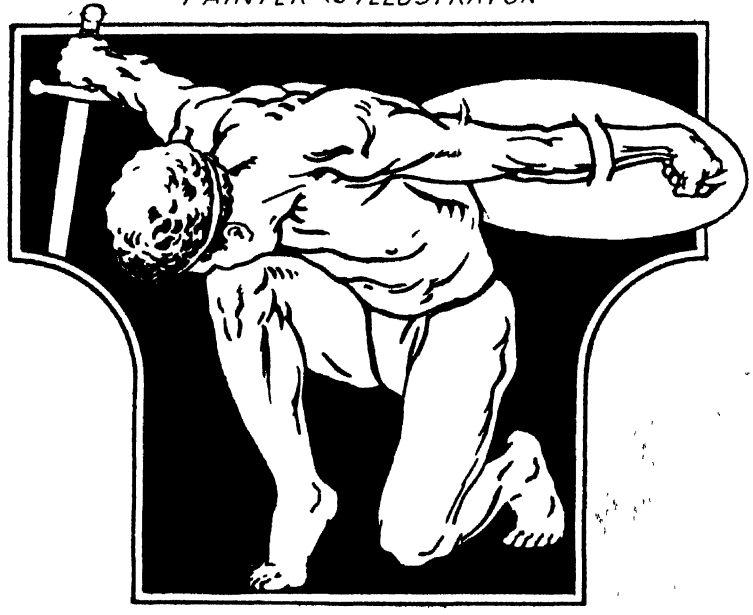
THE NATIONAL ACADEMY OF DESIGN AND THE ART STUDENTS' LEAGUE N.Y
PAINTER & ILLUSTRATOR



B. T. BATSFORD, Ltd.
15 North Audley Street
London, W. I., England

Second Printing, May 1929
Third Printing, March 1930

SECOND EDITION

First Printing, March 1931
Second Printing, October 1932

Printed and Bound in the U.S.A. by
KINGSPORT PRESS, INC., KINGSPORT, TENNESSEE

DEDICATED TO
MY WIFE ERNESTINE PERARD

CONTENTS

PREFACE

The purpose of this book is to present in a simple and direct manner the subject of anatomy as it is applied to Art. As little text as possible has been used, and much dependence has been placed on pictorial representations because the latter are a more direct means of impressing the artist with construction and form. For this reason this work has been copiously illustrated, often showing various views of the same structures and actions.

To the beginner the study of anatomy is too often dull, prosaic and difficult and this is due, in large part, to the fact that many text books on the subject contain insufficient descriptive drawings. Even though the student plows through many pages of text, he often fails to visualize the subject properly. Therefore it has been endeavored to substitute illus-

trations for descriptive text whenever practical. The drawings have been arranged in groups for the purpose of comparison, and in this way the eye becomes accustomed to observe much which otherwise might escape attention.

To express outward form correctly requires a knowledge of the internal structure, that is, of the bones which compose the framework and define its proportions and of the muscles and tendons which direct its action.

Every figure artist finds sooner or later, as he advances in his artistic career, that his work needs strengthening through a well grounded knowledge of anatomy. The great masters of the past realized this and their grasp on the fundamentals of anatomy is reflected not only in their finished works, but in such of their preliminary sketches as are still preserved.

The ability to construct figures correctly from the imagination rather than to depend entirely on models is a distinct aid to the draftsman and to the sculptor. The student of anatomy should therefore test his skill by making memory drawings and by applying his knowledge to compositions of his own fancy.

When working from living models, the artist will find that his knowledge of anatomy will enable him to analyze and interpret the forms before him in a more understanding way than he could without such information. It will develop in him greater powers of observation. An understanding of

anatomy is an instrument in the mechanics of Art: a means to be employed to assist but never allowed to dominate. The artist must learn properly to evaluate his anatomical information and to know the part it is to play in the development of his art. The studies he makes will then be done more intelligently and with better draftsmanship as an inevitable result.

VICTOR PERARD

NOTES ON PROPORTION

Since proportion is the comparative relation of one thing to another, some standard or unit of measure must arbitrarily be established. In Art, this unit is known as the "head" which is the distance from the top of the skull to the tip of the chin. The illustrations in this book are based on the proportion of seven and a half "heads" to the height of an erect figure. The use of this standard will obviate much de-

scriptive text. It is well, however, to bear in mind that this standard of proportion is modified by such elements as race, sex, age and physical differences peculiar to the individual. For this reason the following notes on proportion are grouped under the heads: Male, Female, Children and General Observations.

Proportions of the Male. The greatest width of the male figure is at the deltoids, a little below the shoulders and the width here is about two heads.

The width between the hips should equal one and one half heads, and the width between the nipples one head.

The height of the figure, seven and one-half heads, should approximate one "head" for the head, two and three-quarter heads for the neck and trunk, and three and three-quarter heads for the lower extremities.

From the finger tips to the elbow should measure two heads.

Proportions of the Female. The bones of the female are shorter and have less rough surfaces than those of the male. The sternum or breast bone is shorter and more curved and the pelvis is broader and shallower which gives a greater width to the hips. The sacrum is wider and projects at an angle backward.

The posterior superior iliac spines and the anterior iliac

spines are further apart than those of the male. The distance from the rib cage to the pelvis is greater due to the shallower and broader pelvis.

There is less distance from the crest of the iliacs to the great trochanters of the hips, because the anterior iliac spines are spread out and lower, and further apart. In the female figure the Poupart's ligaments and the furrow of the groin are more horizontal.

The shoulders are narrower and the collar bones (clavicles) straighter and shorter thus giving a more graceful and longer neck and more sloping shoulders in comparison with the square shoulders of the male.

The arms are shorter in proportion to the trunk which is due to the shorter humerus bone of the female, and because the humerus bone is shorter, the elbow is higher.

Variations in the length of the female leg are more frequent than those of the trunk and so it is more difficult to judge the height of the female figure when seated. But the length of the torso is proportionately longer than in the other sex. The legs are shorter and the skull smaller.

The center of the female figure is above the pubic bone while in the male, the center is about at the pubic bone. The width of the female hips is about the width of the chest wall plus that of one arm and is greater than that of the male of the same height. The fact that the female sacrum is at a

greater angle than that of the male and that there is more fat on the buttocks gives these a greater diameter.

The female abdomen, is more rounded and the thighs are thicker from the back to the front than in the other sex.

Proportions of Children. The child of three is about one half the height of the adult, and at ten, about three-quarters the height of the adult. As the child grows older the relative sizes of the head and the trunk change. At twenty-five the figure is full grown.

At birth the center of the figure is a little above the navel, at two years at the navel and at three years the center is level with the iliac bone.

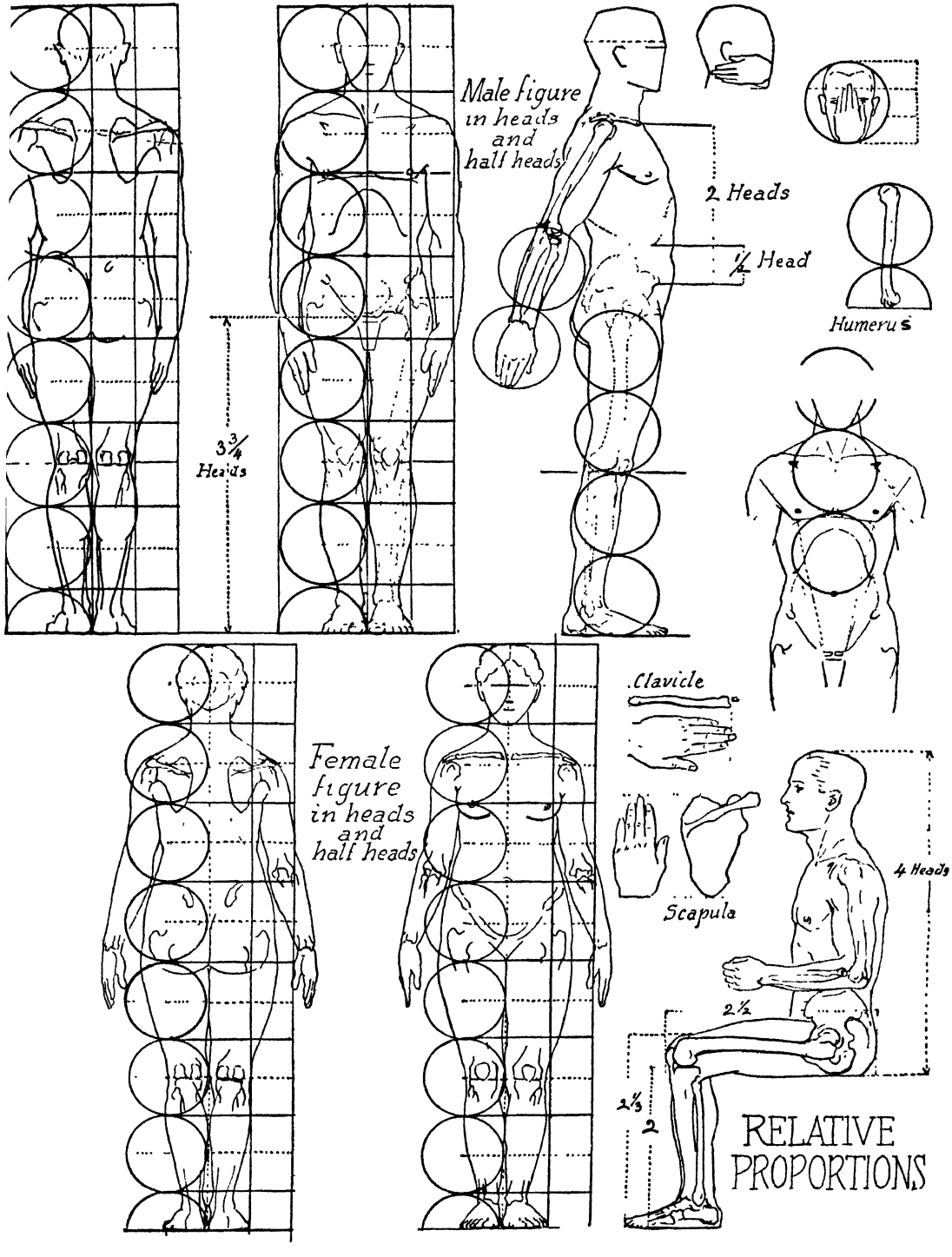
With advancing age this point gradually lowers depending to a great extent on the length of the legs.

General Observations. The clavicle bone continues to grow for a considerable period after the other bones of the body have attained their full development and therefore the shoulders are said to broaden.

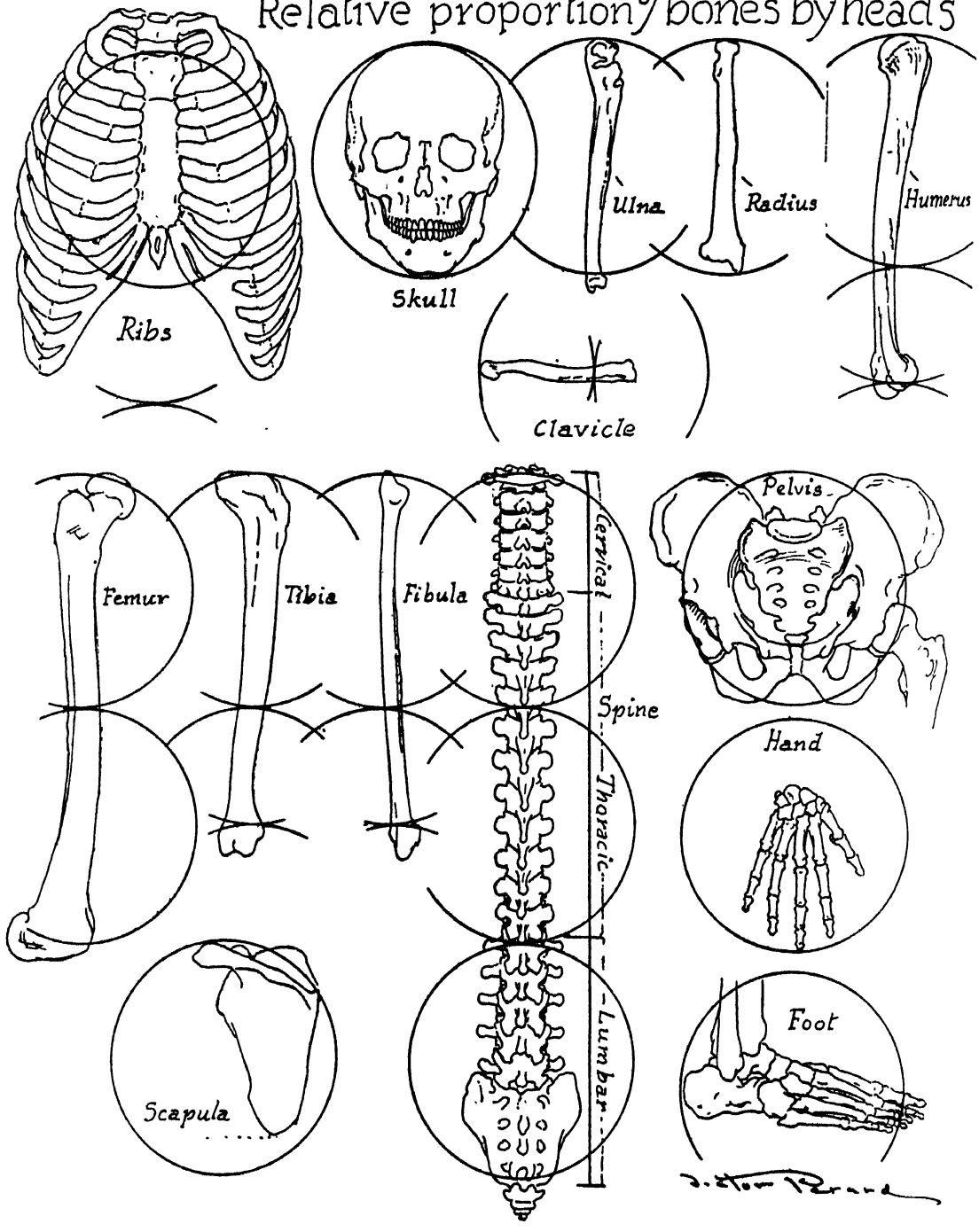
Only very tall people have a height of eight heads. Short people are seven heads or less. The muscles of the adult account for about one half the weight of the body.

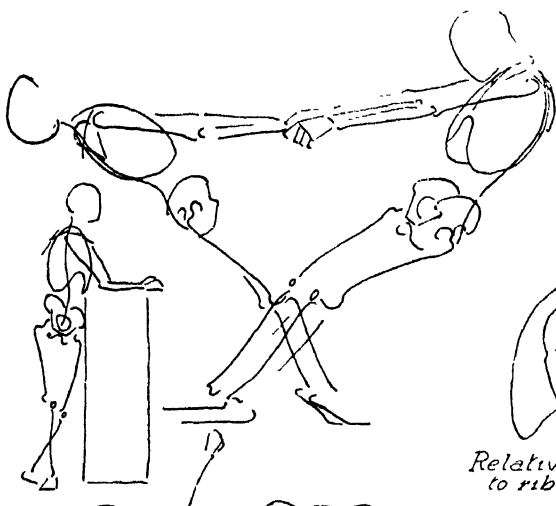
The skeleton always provides the proportions of the figure with slight allowances for the padding between the joints, between each vertebra, and under the heel and foot. In old age the figure shortens due to the hardening and shrinking of the cartilages between the bones.

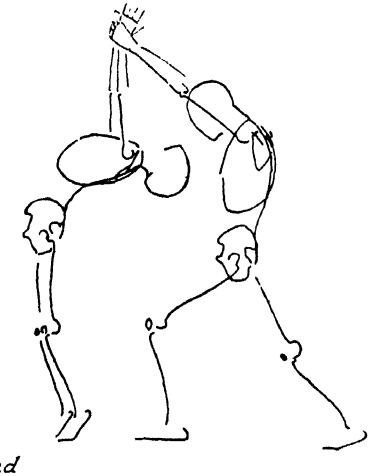
PART I
PROPORTION AND DRAWING


Male figure in heads and half heads
3 3/4 Heads
2 Heads
1/2 Head
Humerus
Clavicle
Scapula
Female figure in heads and half heads
4 Heads
2 1/2
2 1/3
2
RELATIVE PROPORTIONS

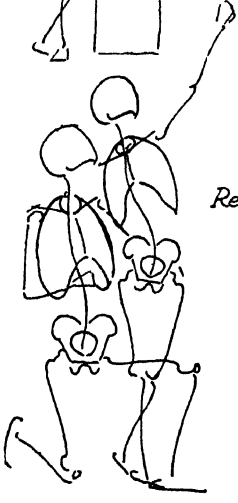
Relative proportion of bones by heads





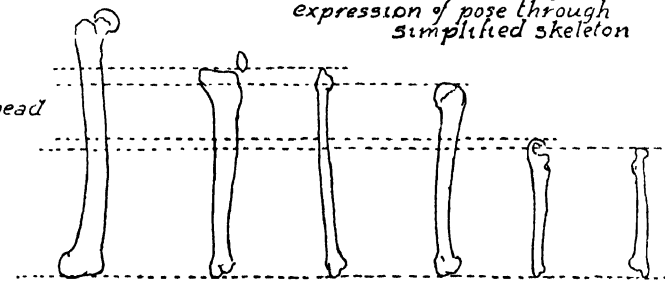


Relative size of head to rib cage



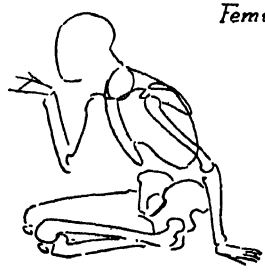
Relative size of head to pelvic bone

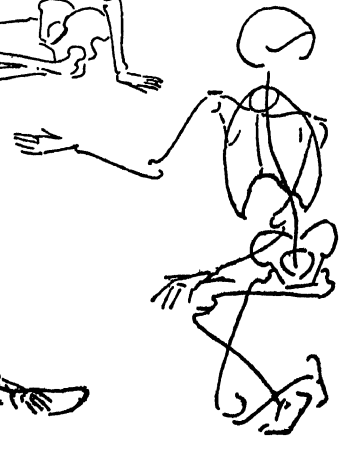
Method for expression of pose through simplified skeleton

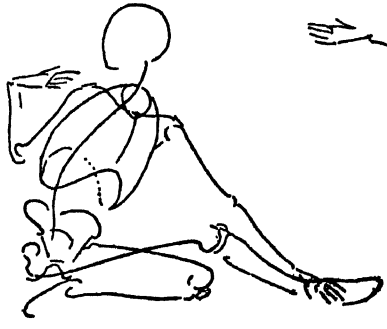


Femur Tibia Fibula Humerus Ulna

Relative size of



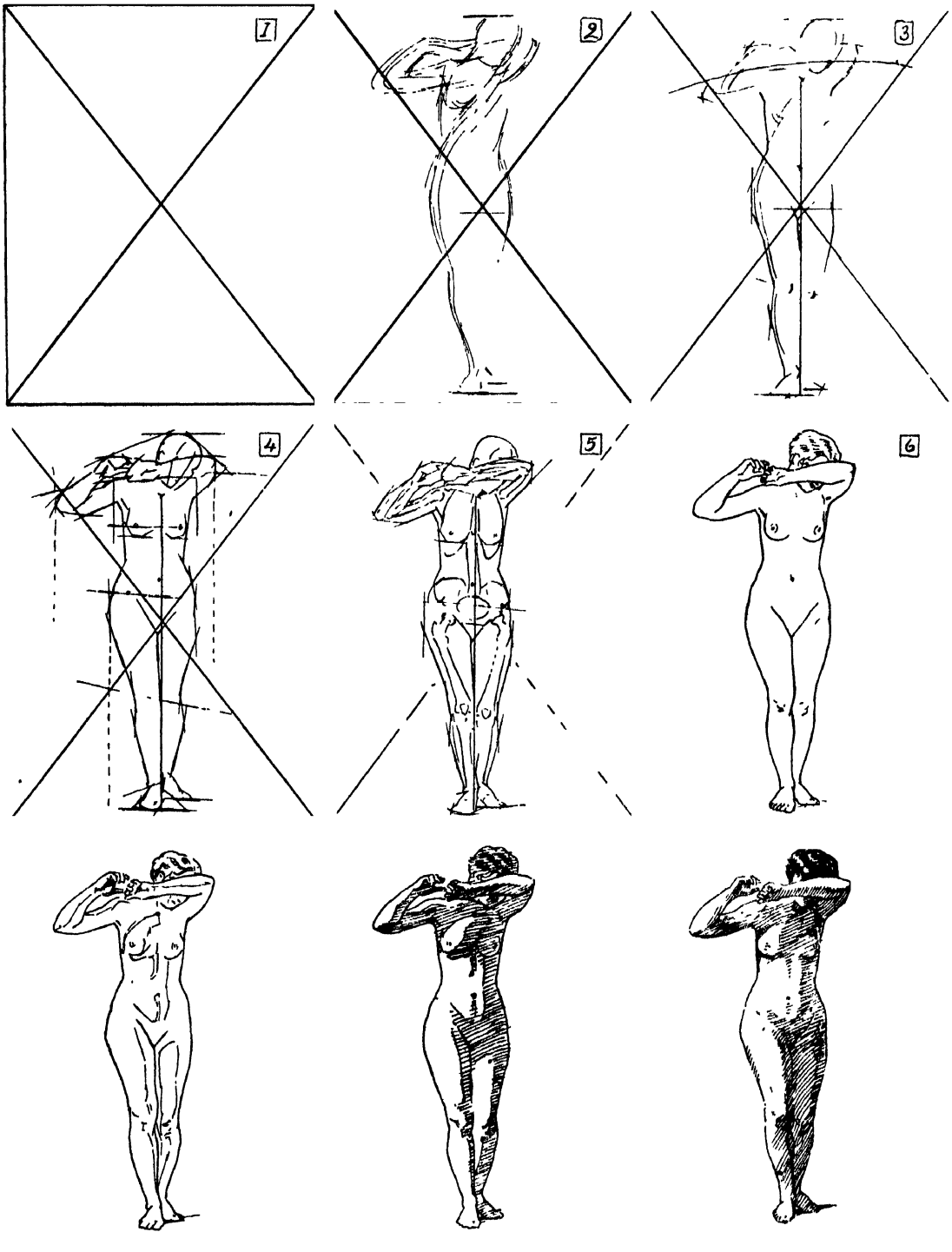




METHOD OF DRAWING

From Life or from the Cast

1. Find the center of the paper by drawing lines from corner to corner.
   This is done to help center the study.
2. Measure with the eye or pencil to find the center of the subject and make a line at that point as related to the center of the paper.
   Draw a line at the head and another at the feet.
   With free lines search for the rhythm of the pose, to help visualize the figure and to place it on the paper the size intended.
   Draw lightly so that the mental impression of the figure is not obliterated by a heavy drawing, and corrections can be easily made.
3. Decide where the pit of the neck should be placed and draw a perpendicular line from this point (if a front view) to the feet. If a back view, draw the perpendicular line from the seventh cervical vertebra to the feet.
   Find the line of the shoulders, giving the angle of their positions.
   If a standing figure, first draw the leg on which there is most weight, to obtain the proper balance of the figure.
4. Give the line showing the angle of the position of the pelvis.
   Indicate a line through the knee-caps. Draw the torso, indicating its bulk, marking the width of shoulders, hips, neck and head.
   Block with straight lines going beyond the intersections to obtain a better idea of the direction of line and to avoid a cramped feeling.
5. Sketch within the lines a simplified skeleton, to check up on position of joints and bulk of chest. (Refer to pages on proportion.)
   See that the pit of the neck, the pubic bone, the navel, the pelvis, the knee-caps and the inner ankles are in proper relation to each other.
   Compare relative sizes of head to bulk of torso, hands to face, feet to hands, arms to legs, and thickness of the neck to that of the head, leg and arm.
6. Go over the outline, perfecting it, searching for character and for grace of line.
7. Indicate the outline of the planes and of the principal shadows.
8. Fill in the planes in large surfaces, and connect the shadows as much as possible.
9. Without losing their mass, model the planes keeping well in mind the direction of light.
   In drawing the head, decide on the bulk and draw in the planes of the face (see Part III), then the eyes, the mouth and the nose last.
   It is easier to fit a head on a figure, than to fit a figure to a head.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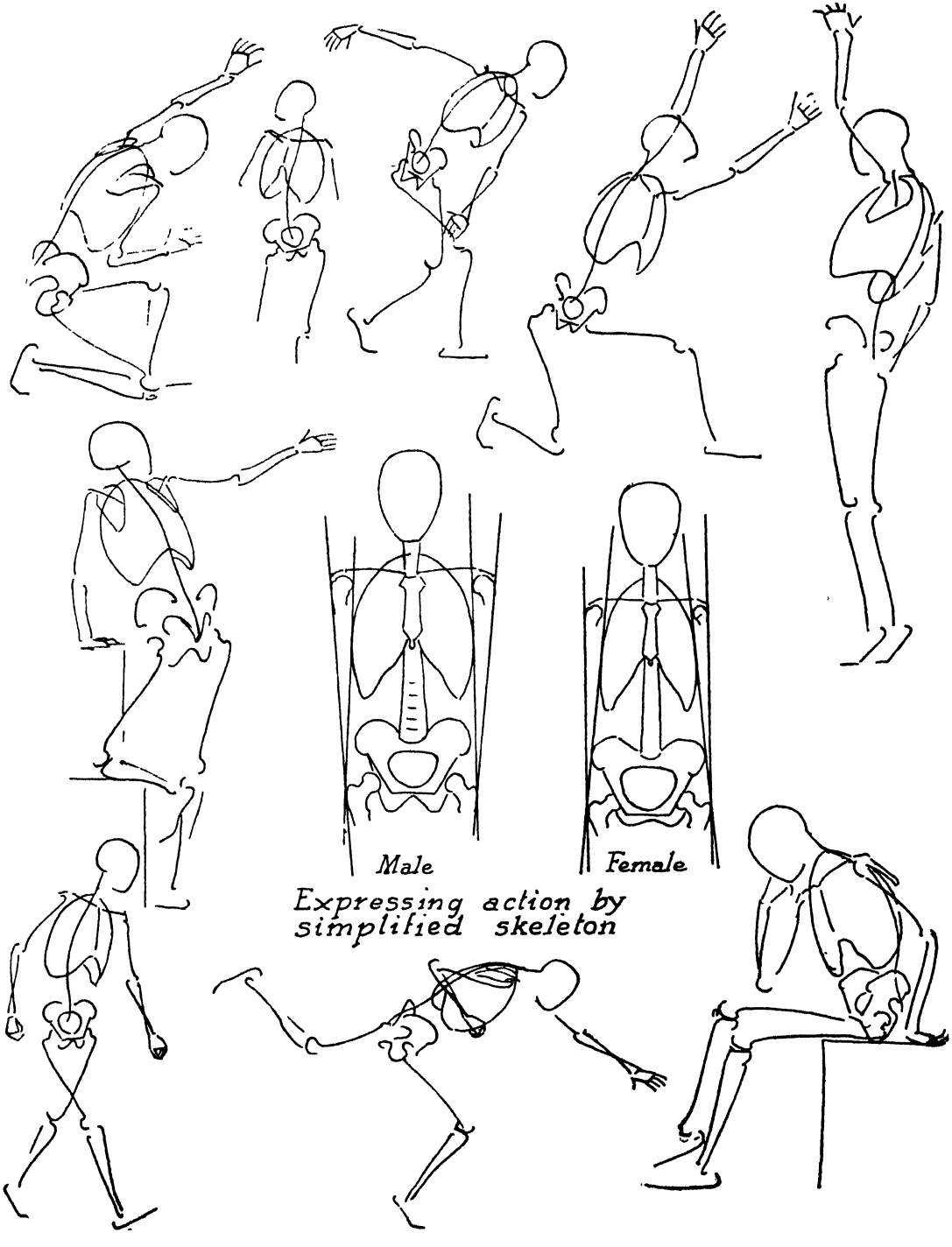
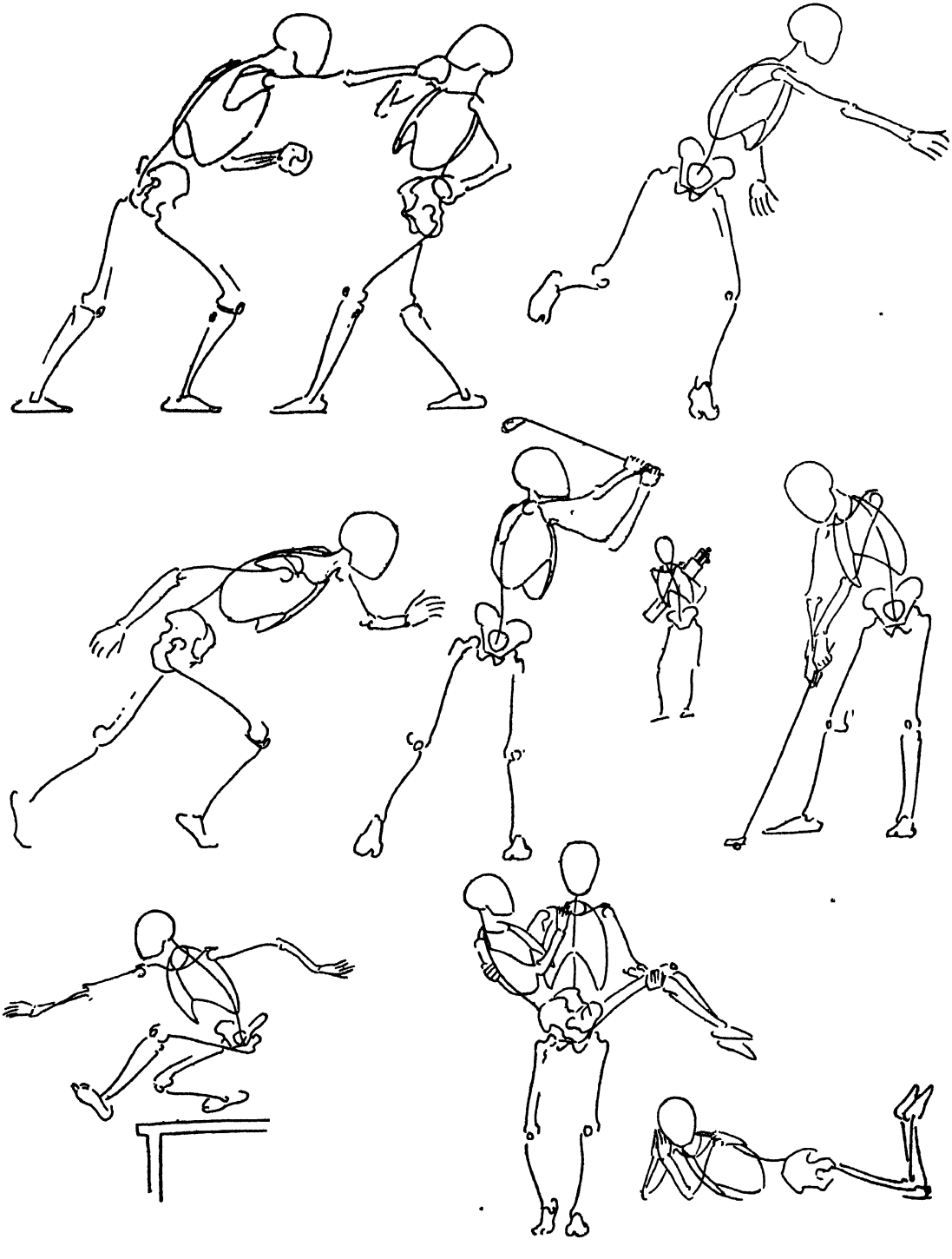
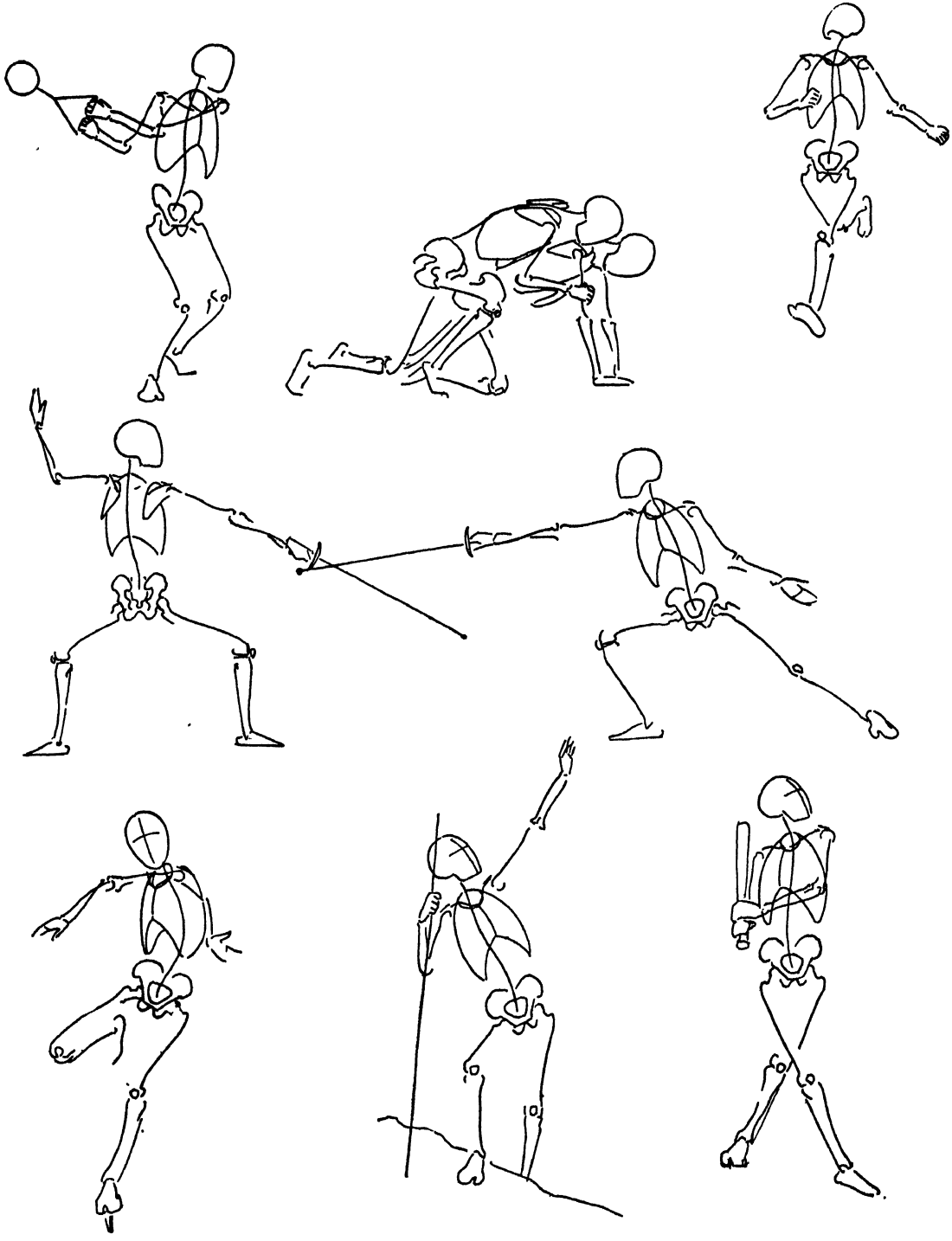
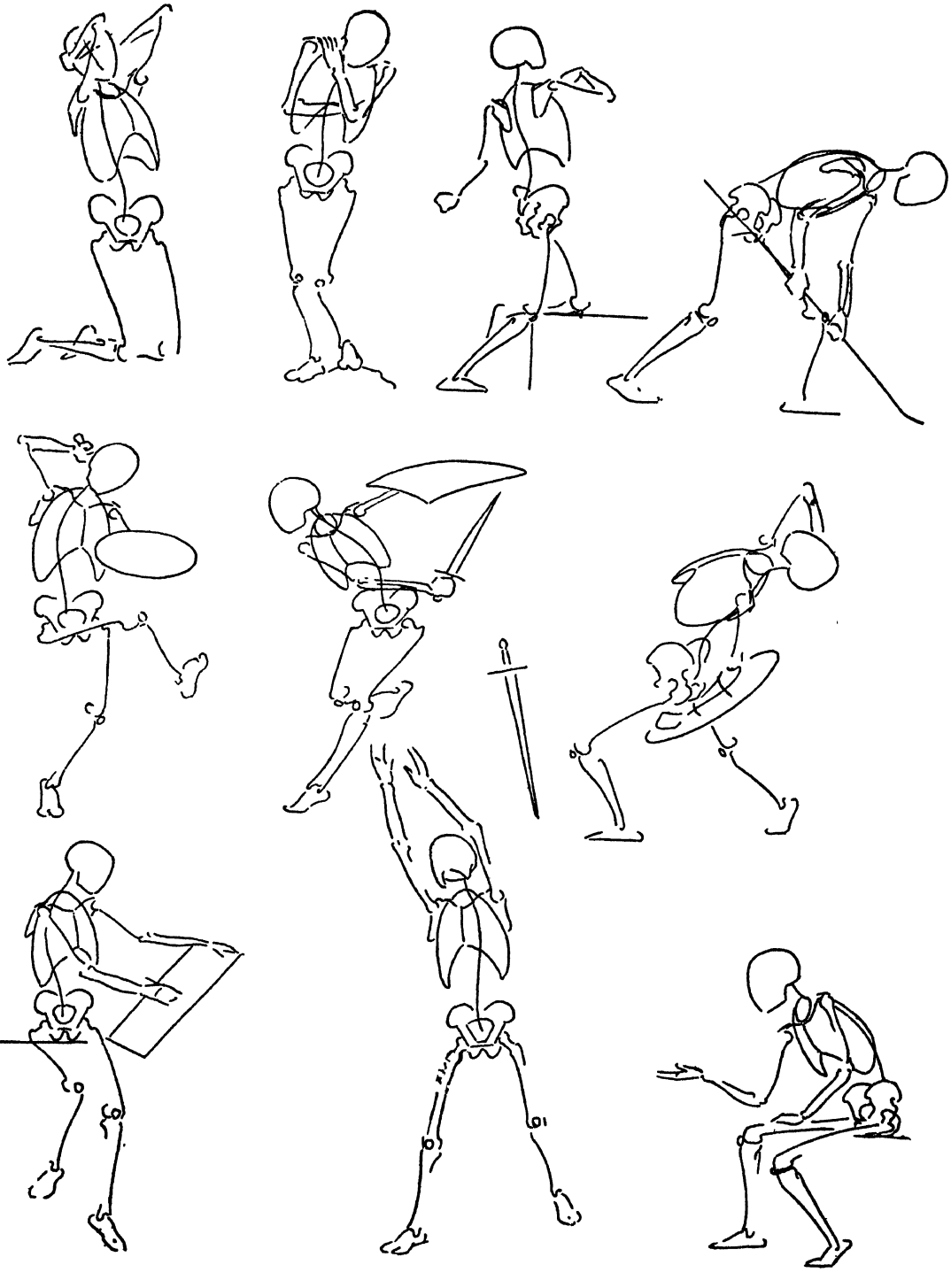
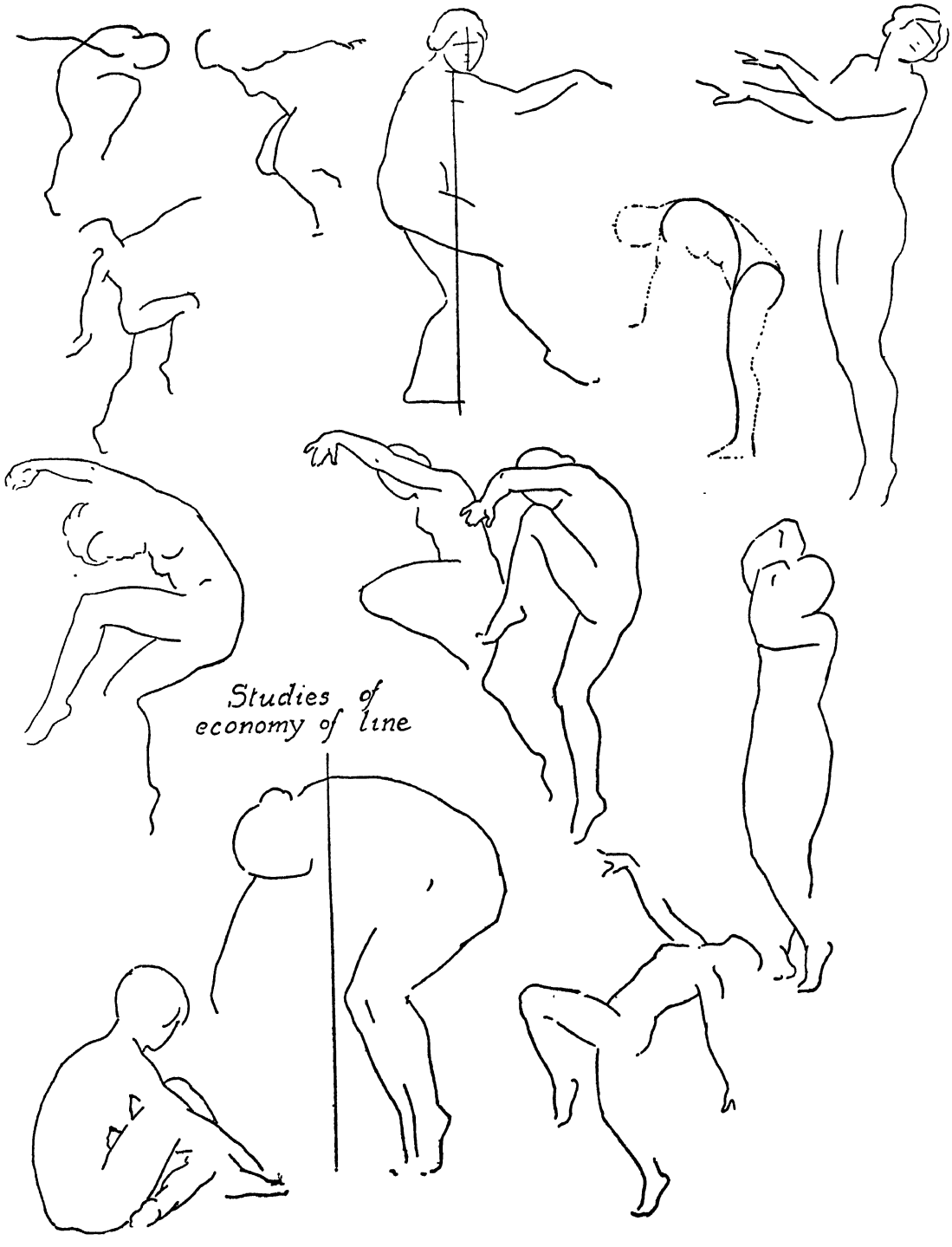


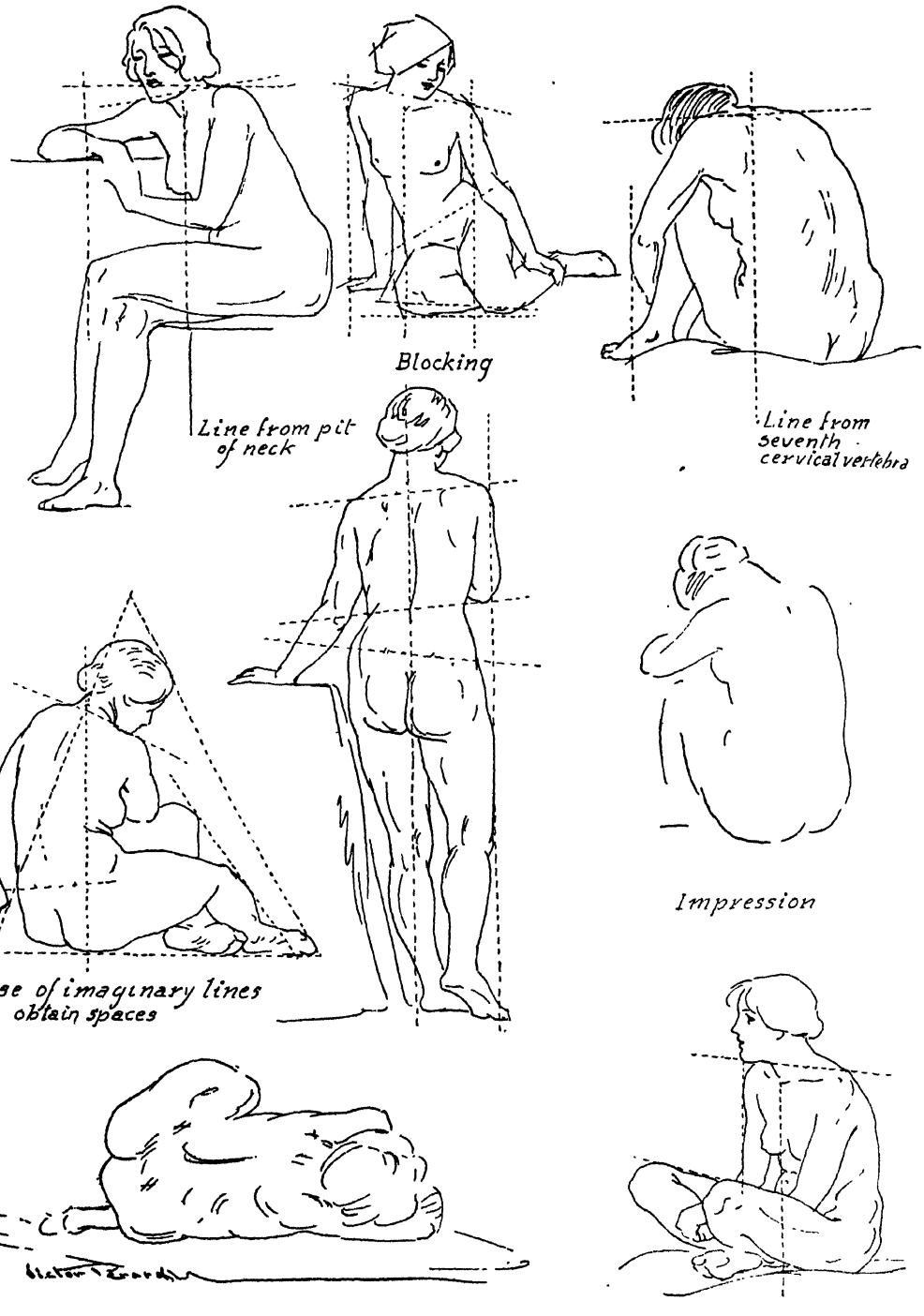
Expressing action by simplified skeleton

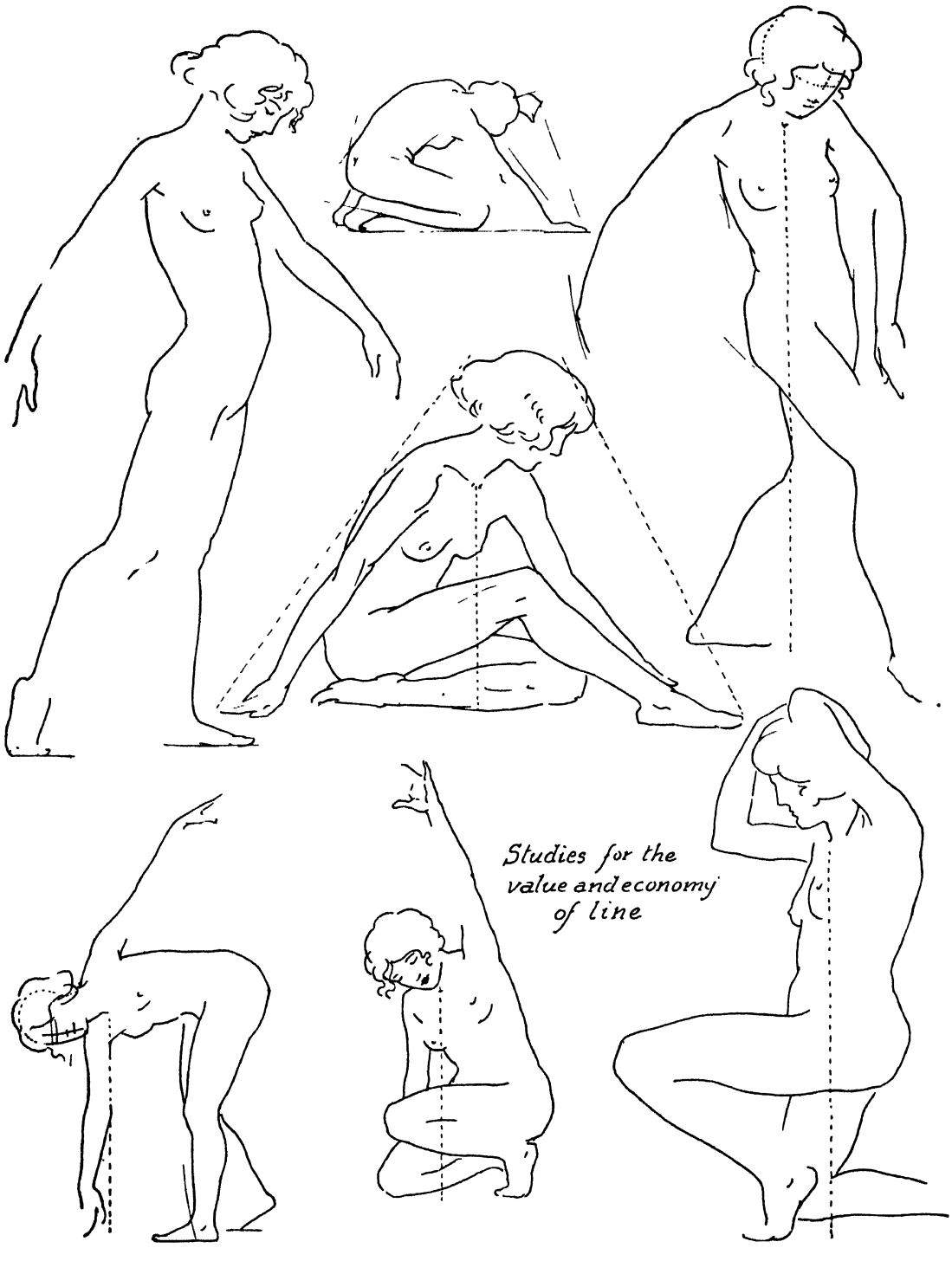


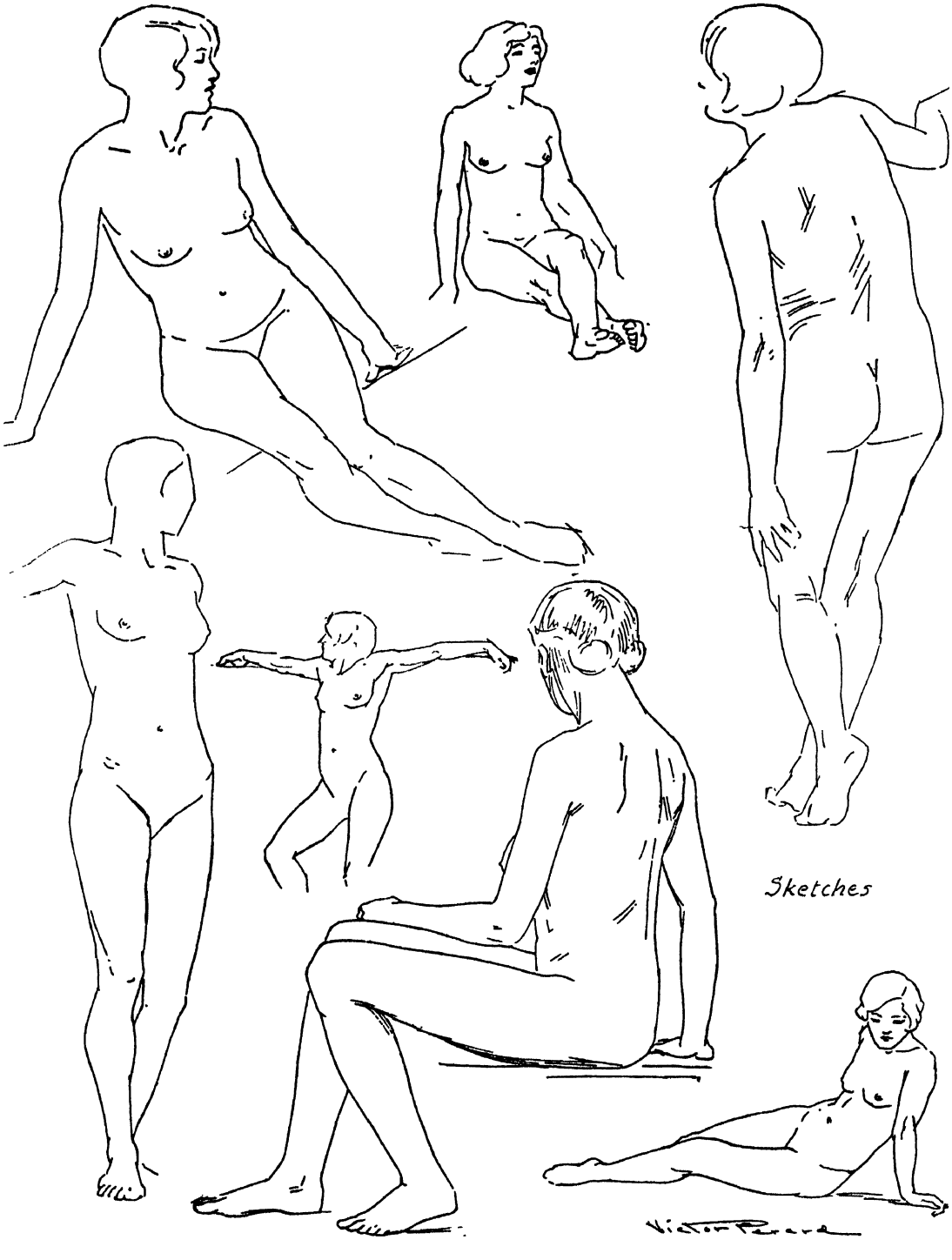


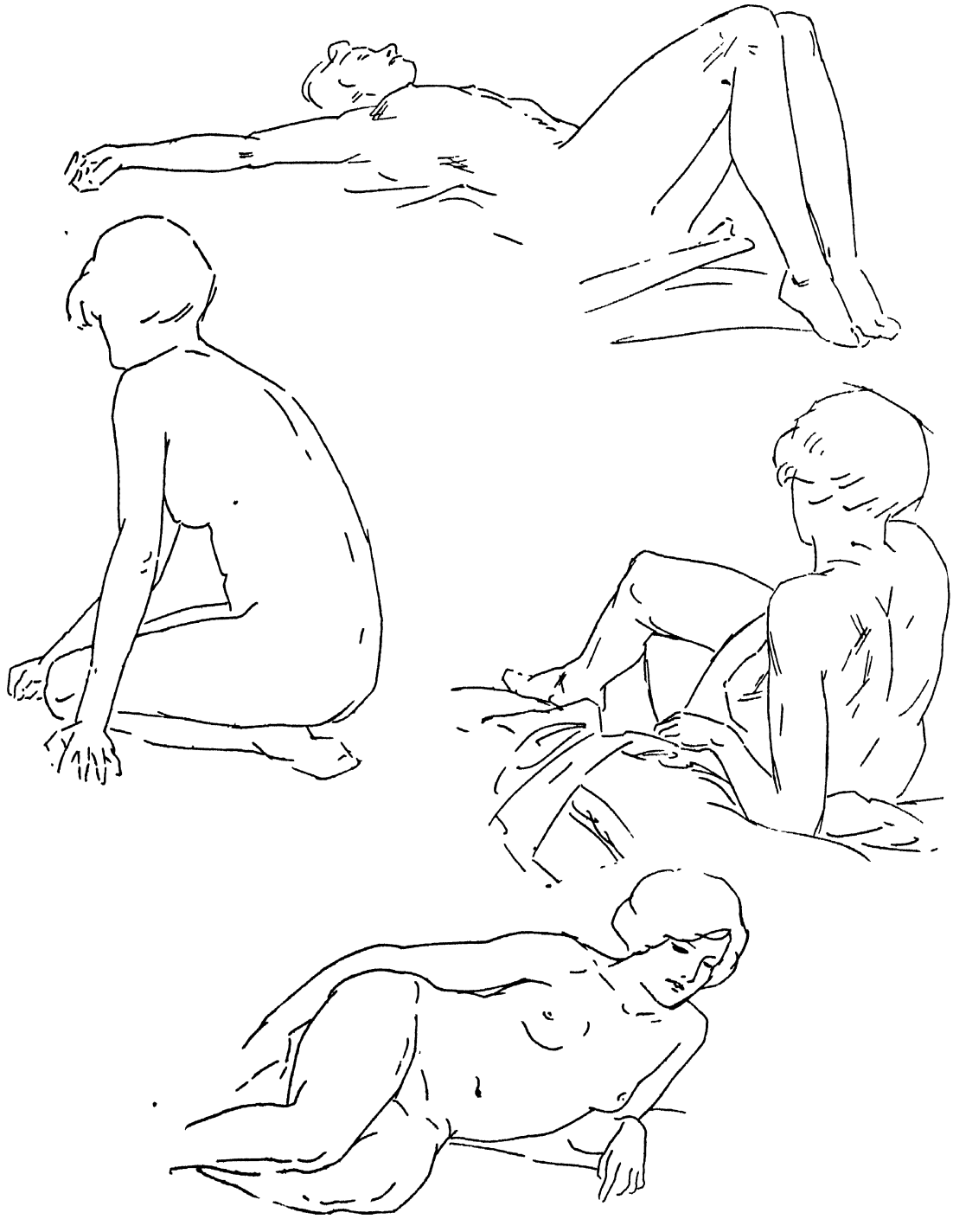


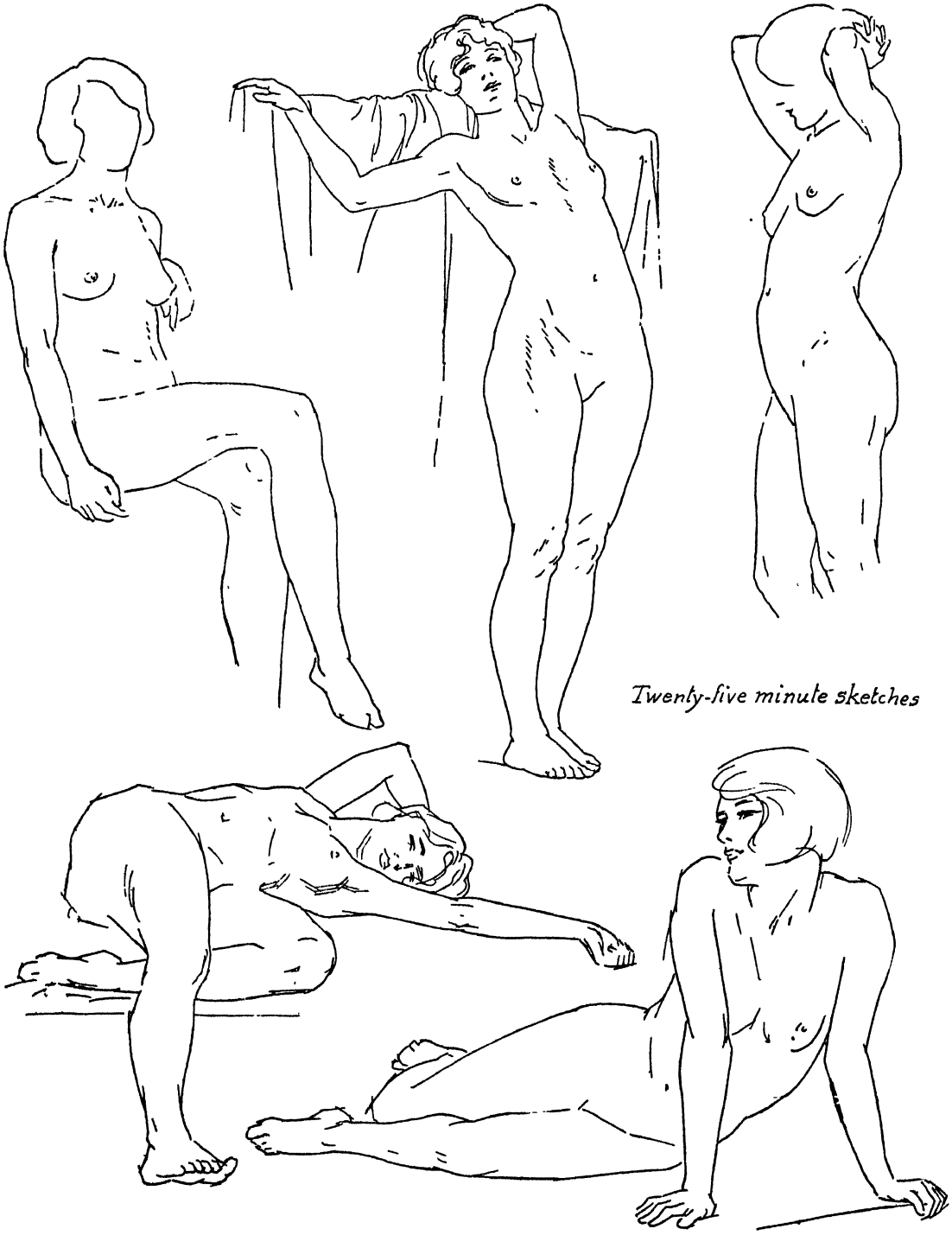

Studies of
economy of line


Blocking
Line from pit of neck
Line from seventh cervical vertebra
Impression
Use of imaginary lines to obtain spaces

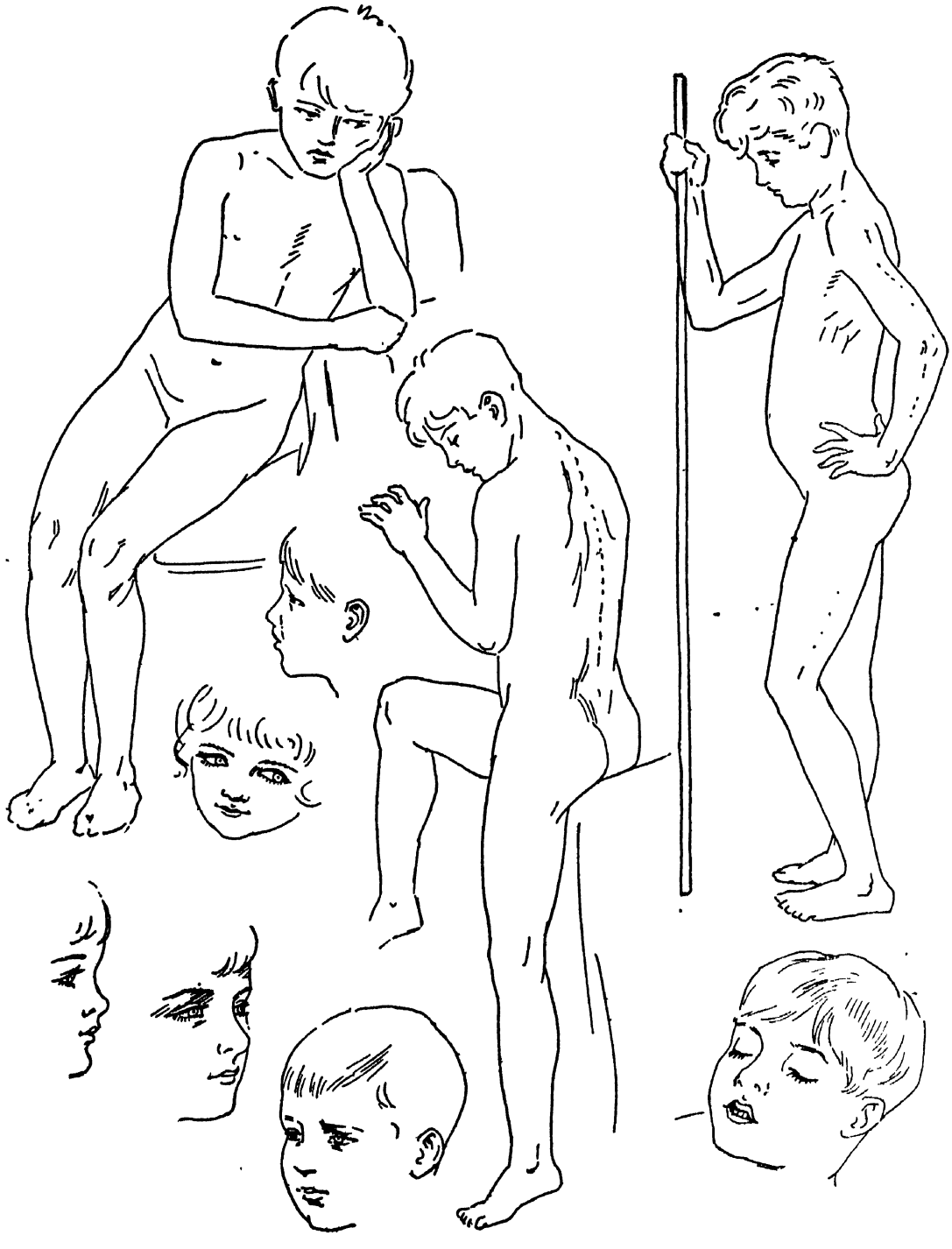

Studies for the
value and economy
of line

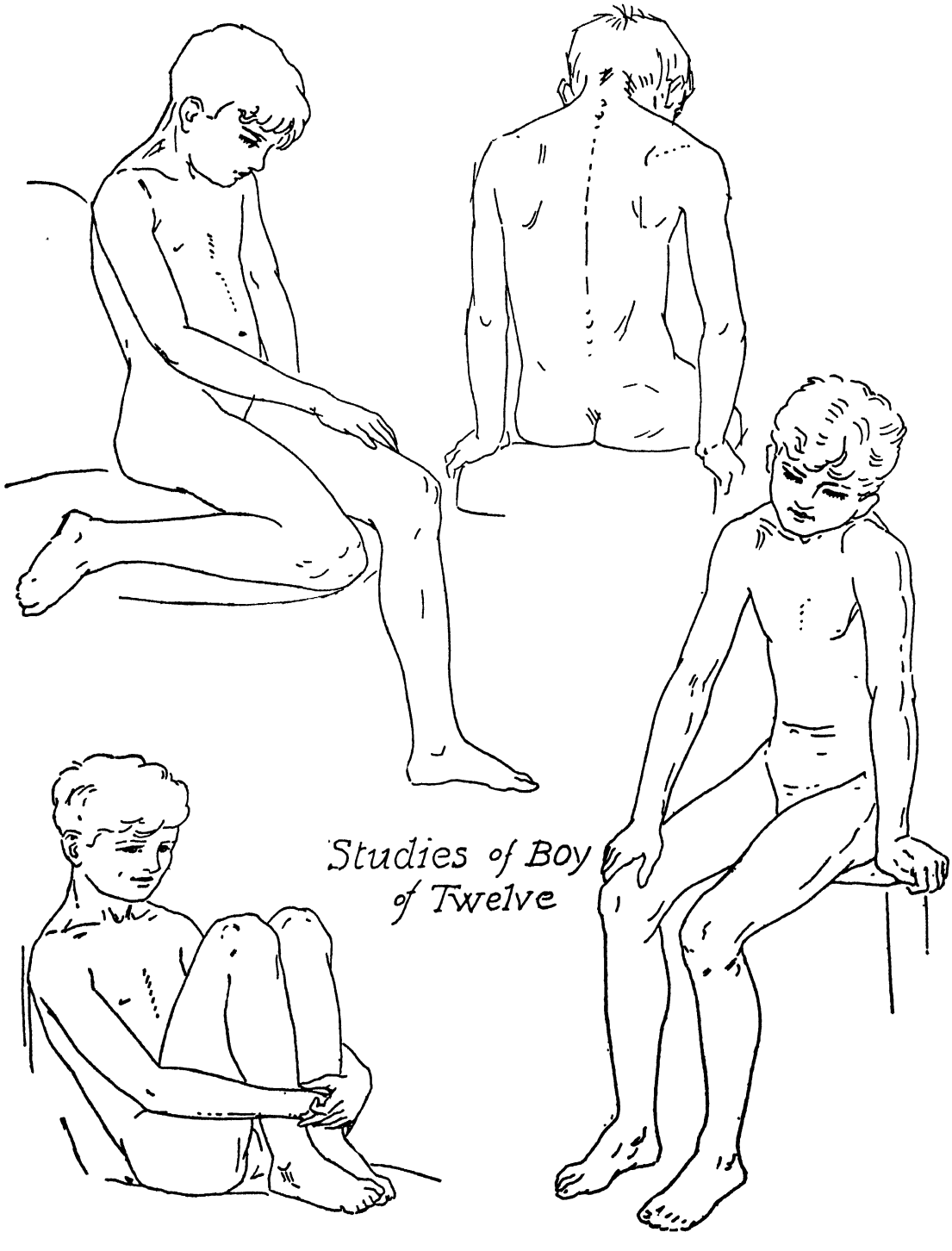

Sketches



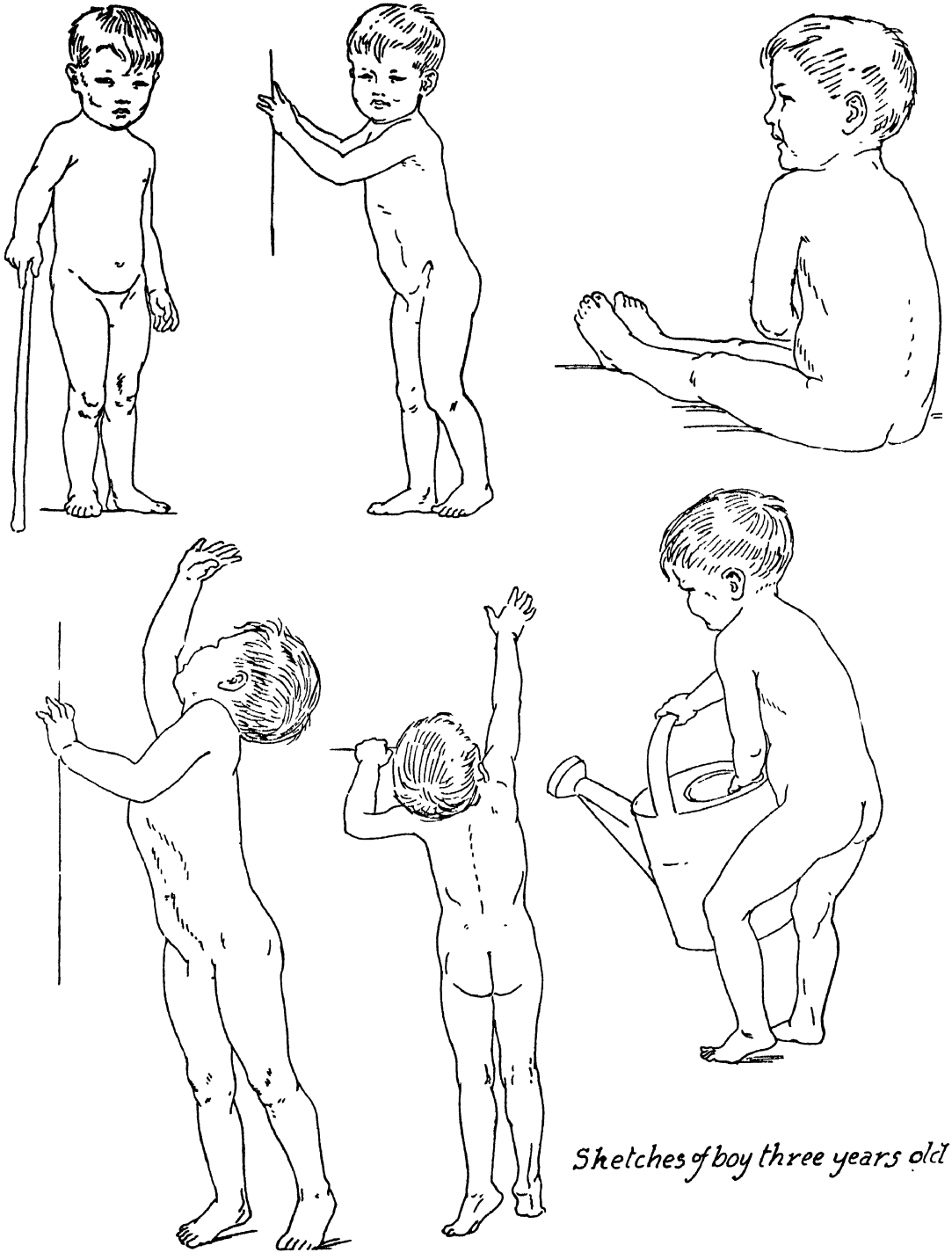


Twenty-five minute sketches

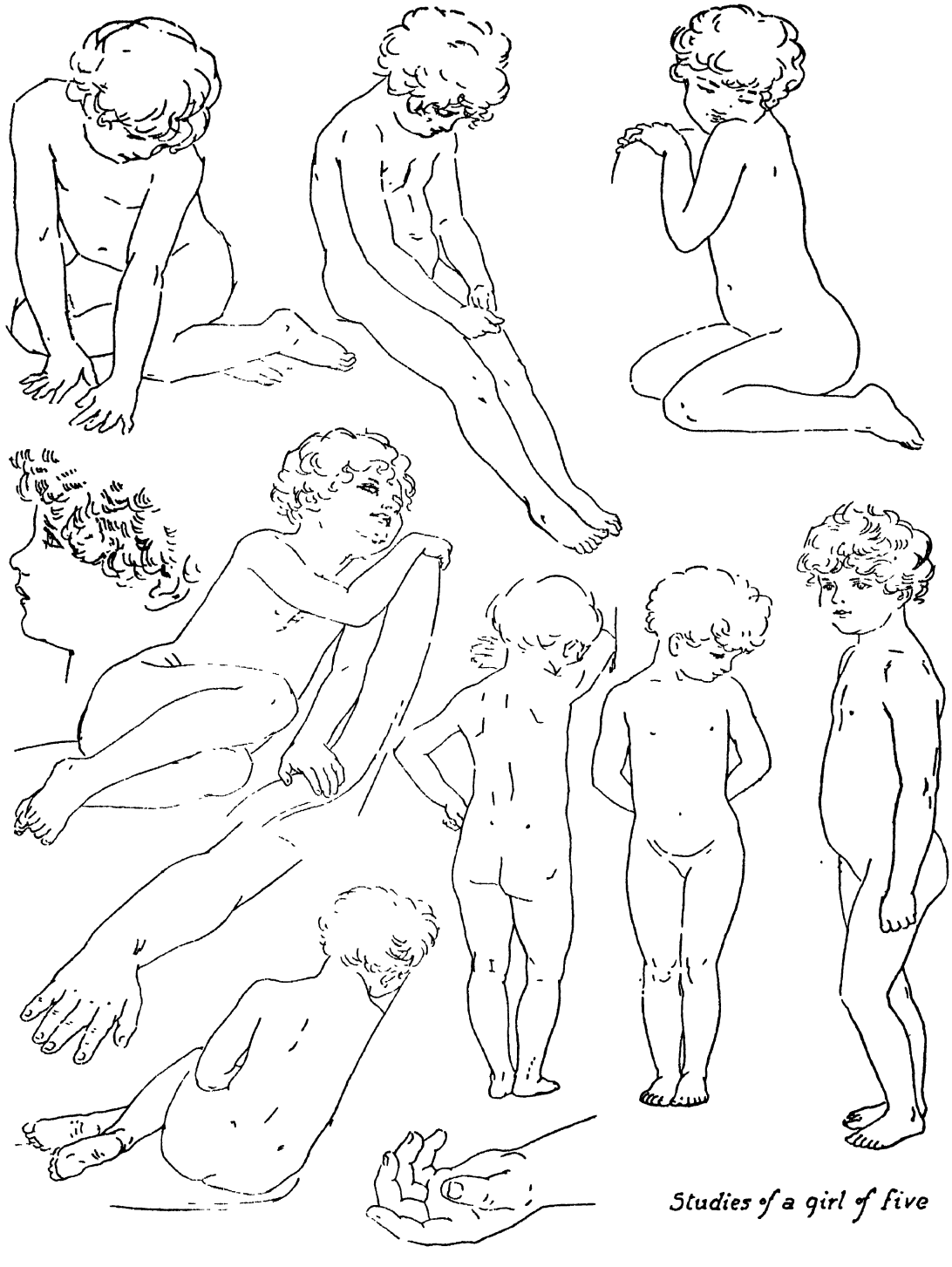




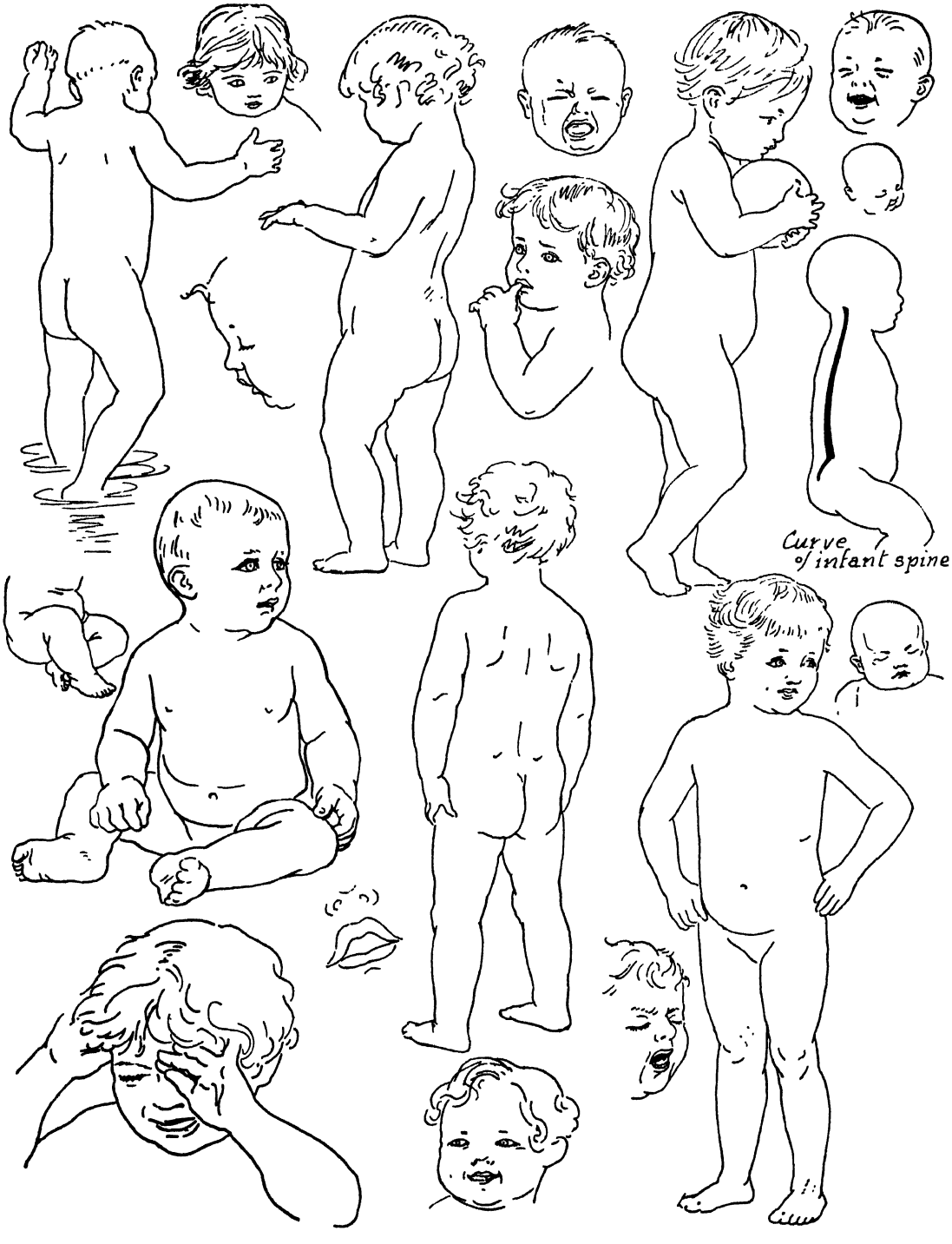
Studies of Boy of Twelve

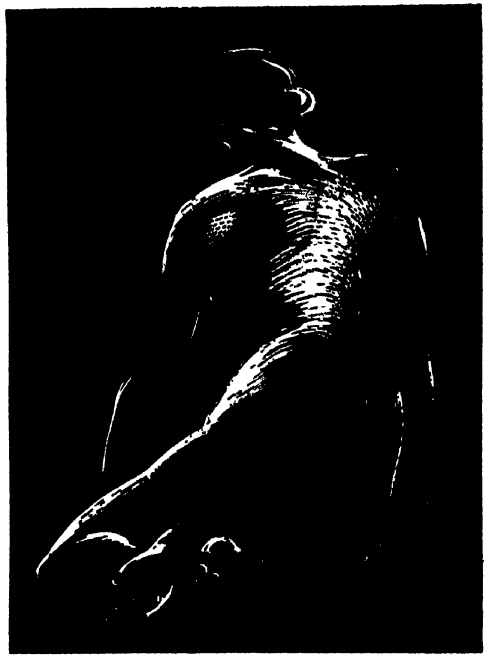


Sketches of boy three years old

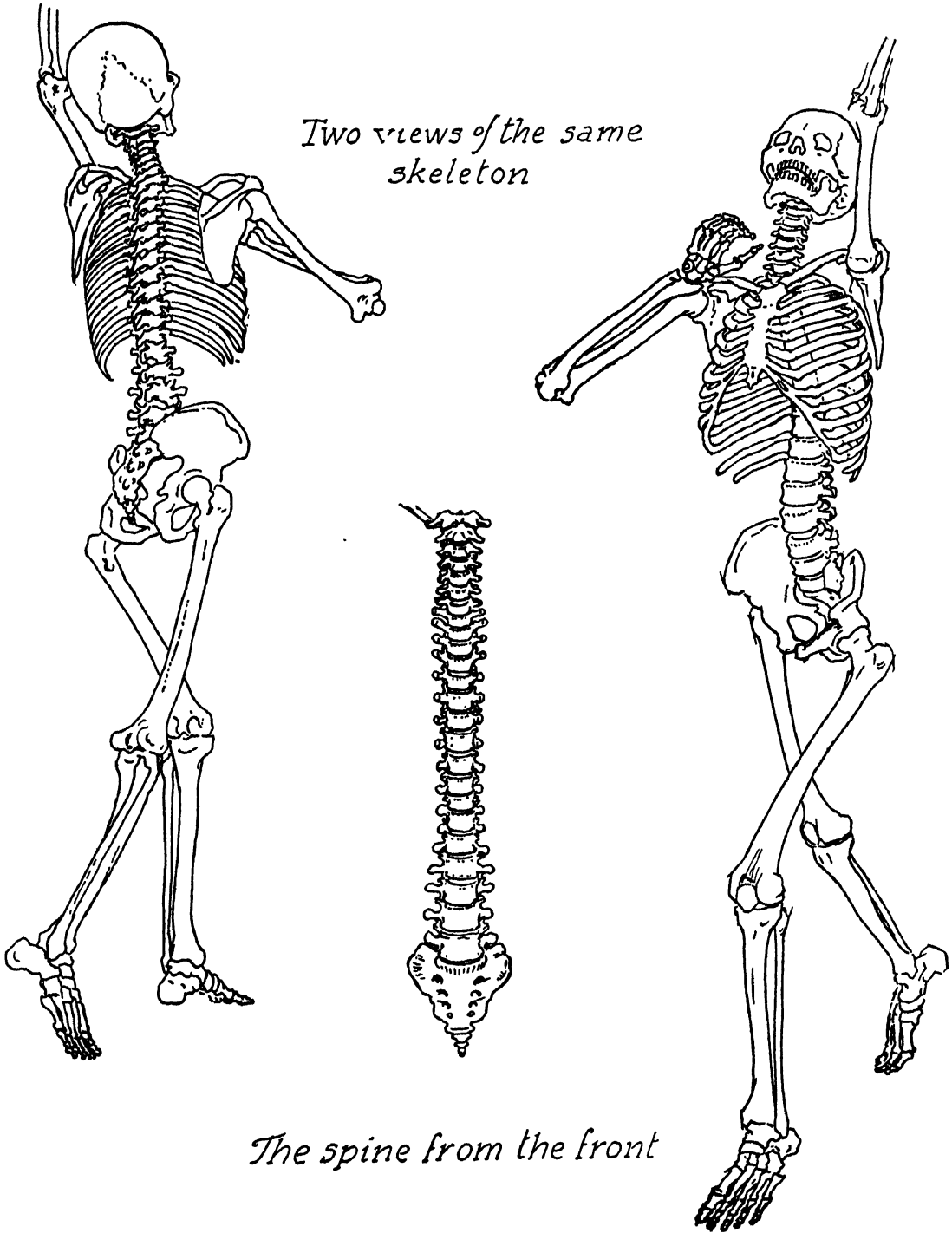


Studies of a girl of five


Curve
of infant spine

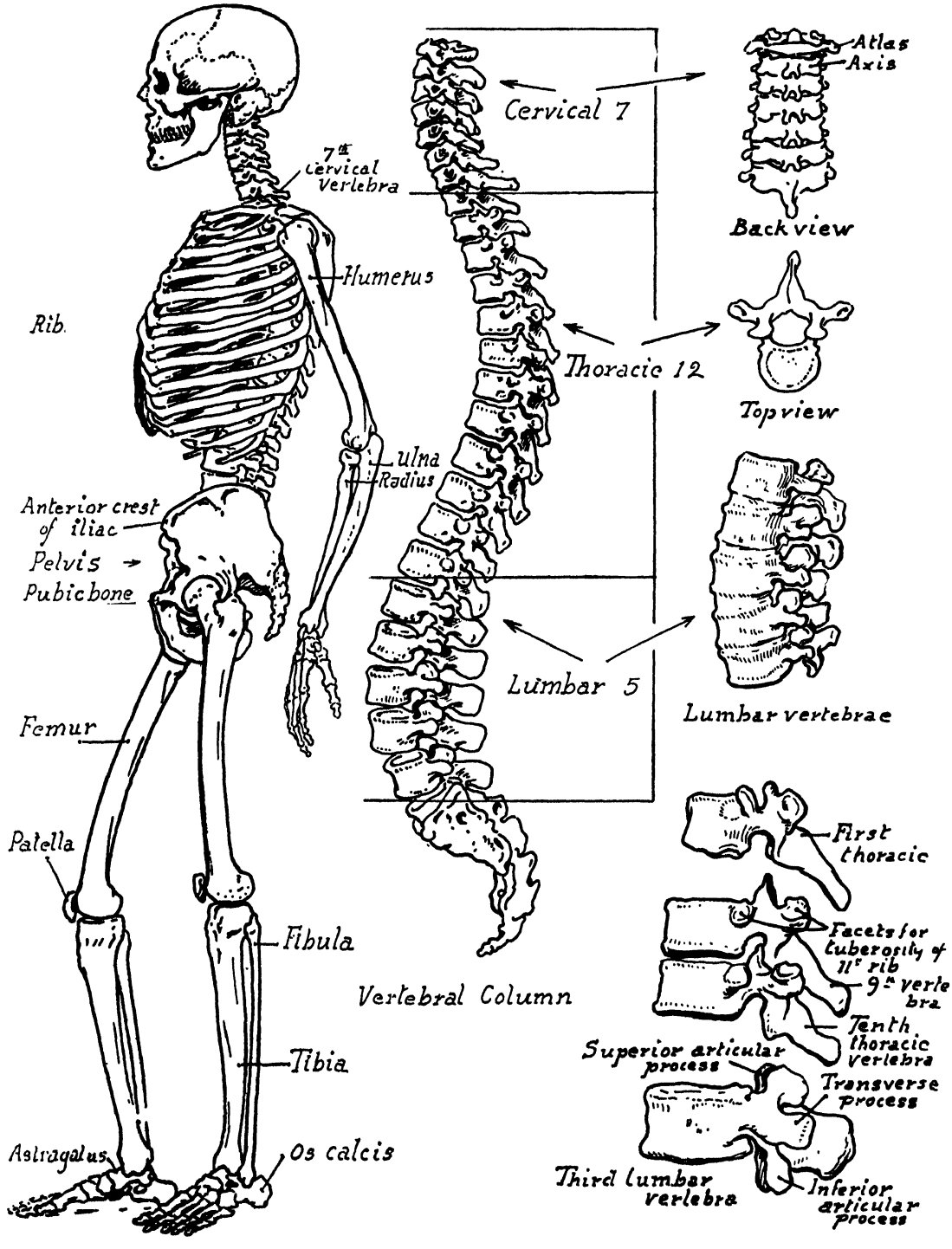


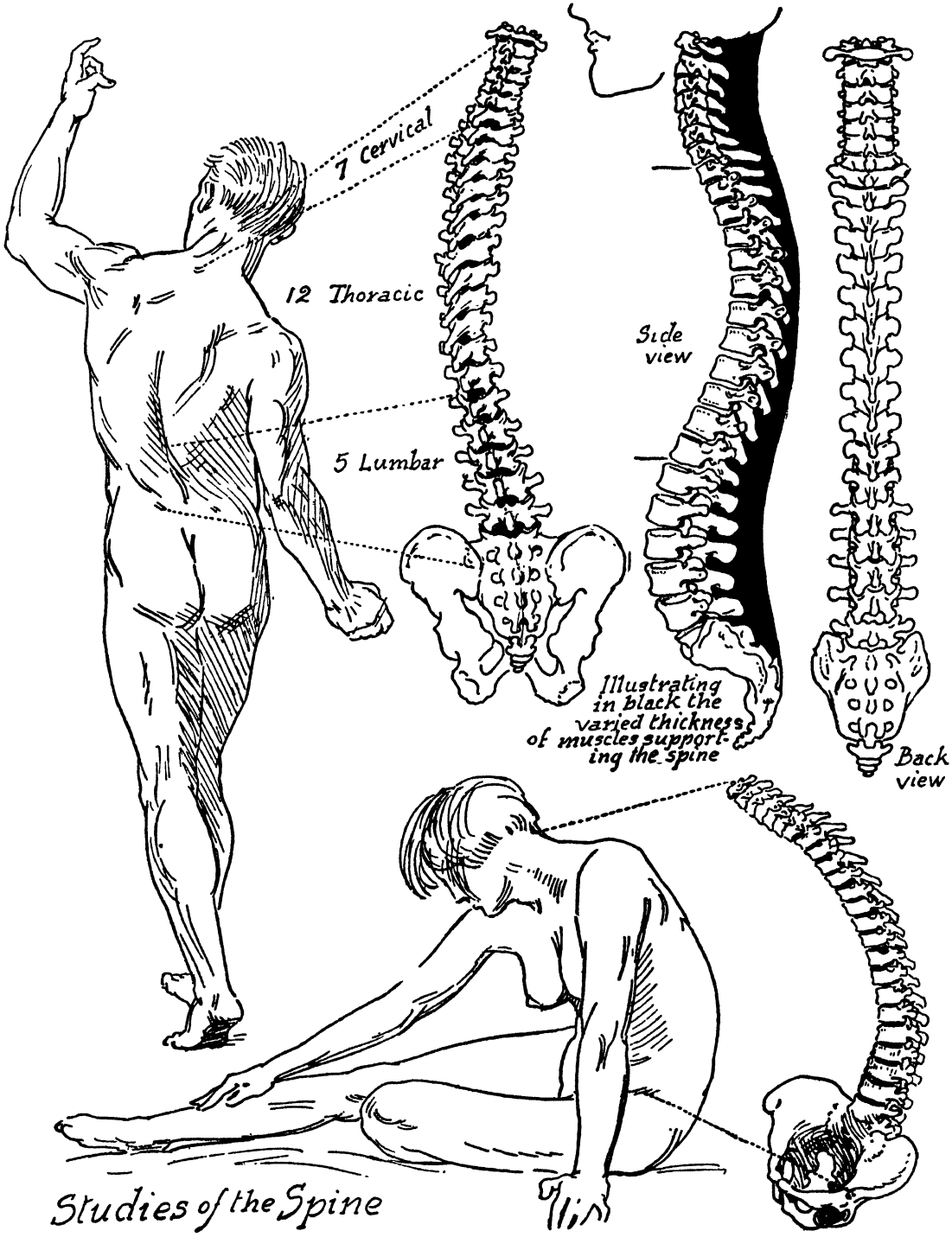
PART II
THE SKELETON



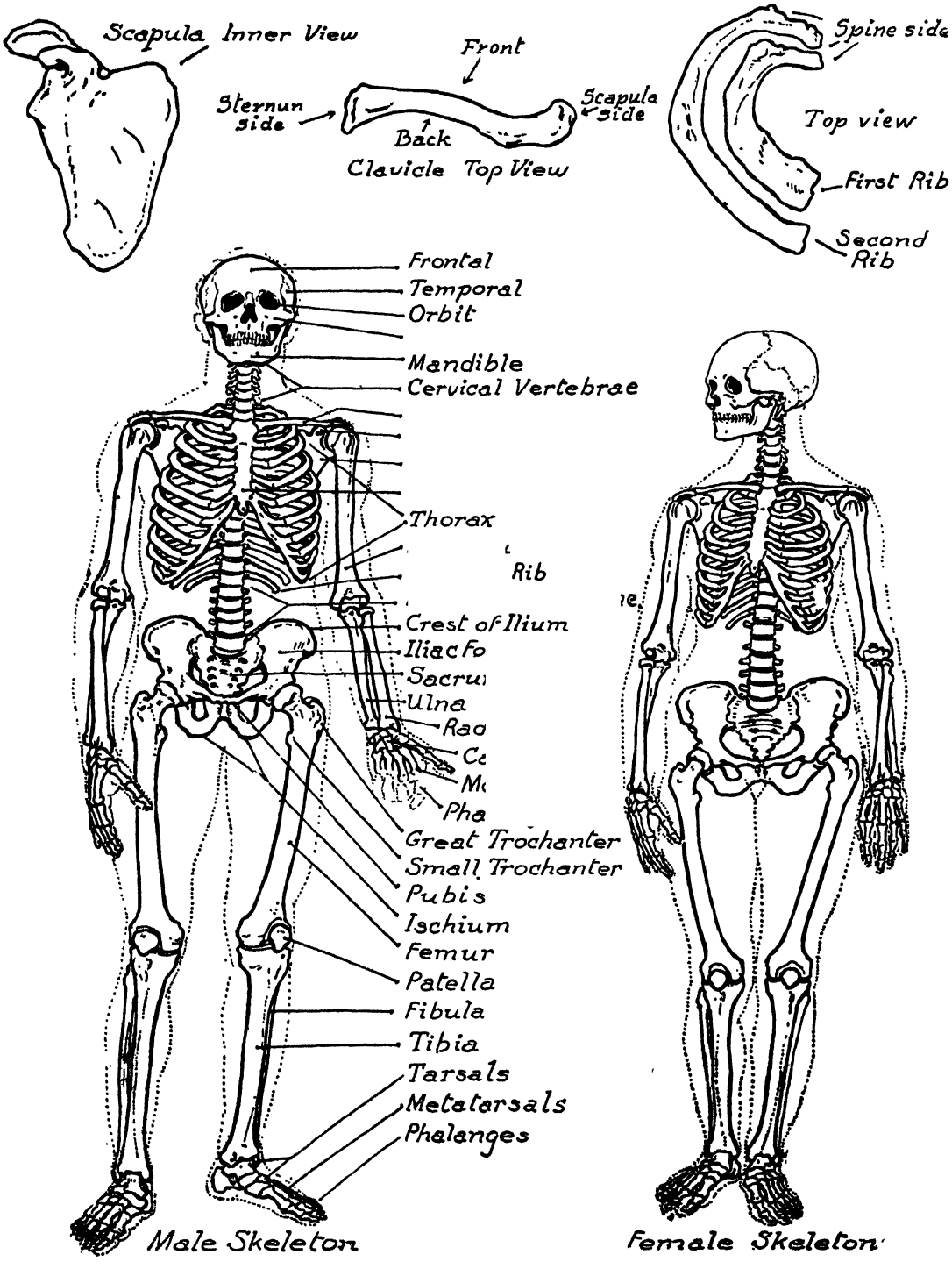
Two views of the same skeleton

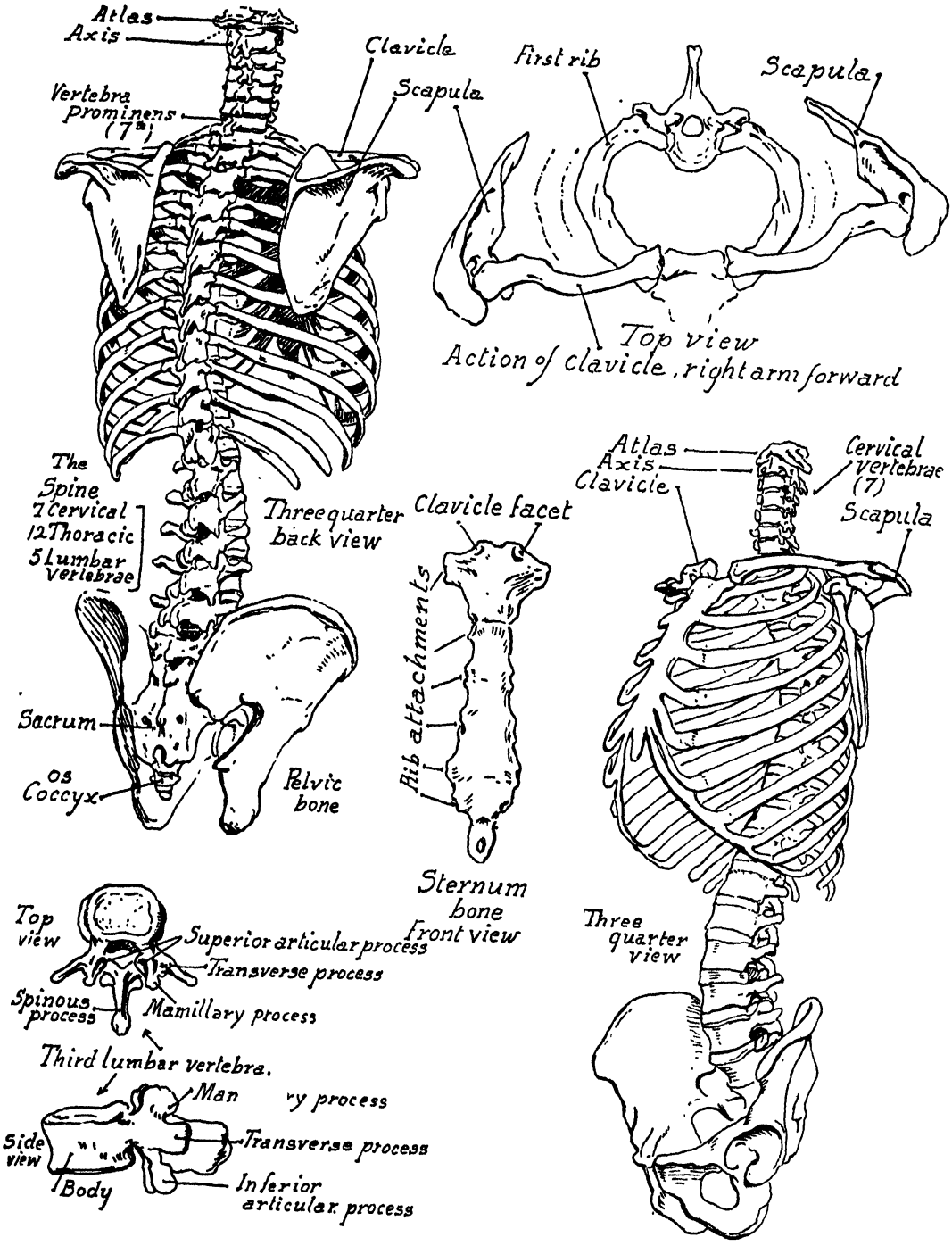
The spine from the front


7th cervical vertebra
Humerus
Rib
Ulna
Radius
Anterior crest of iliac
Pelvis
Pubic bone
Femur
Patella
Fibula
Tibia
Astragalus
Os calcis
Cervical 7
Thoracic 12
Lumbar 5
Vertebral Column
Atlas
Axis
Back view
Top view
Lumbar vertebrae
First thoracic
Facets for tuberosity of 11th rib
9th vertebra
Tenth thoracic vertebra
Superior articular process
Transverse process
Third lumbar vertebra
Inferior articular process

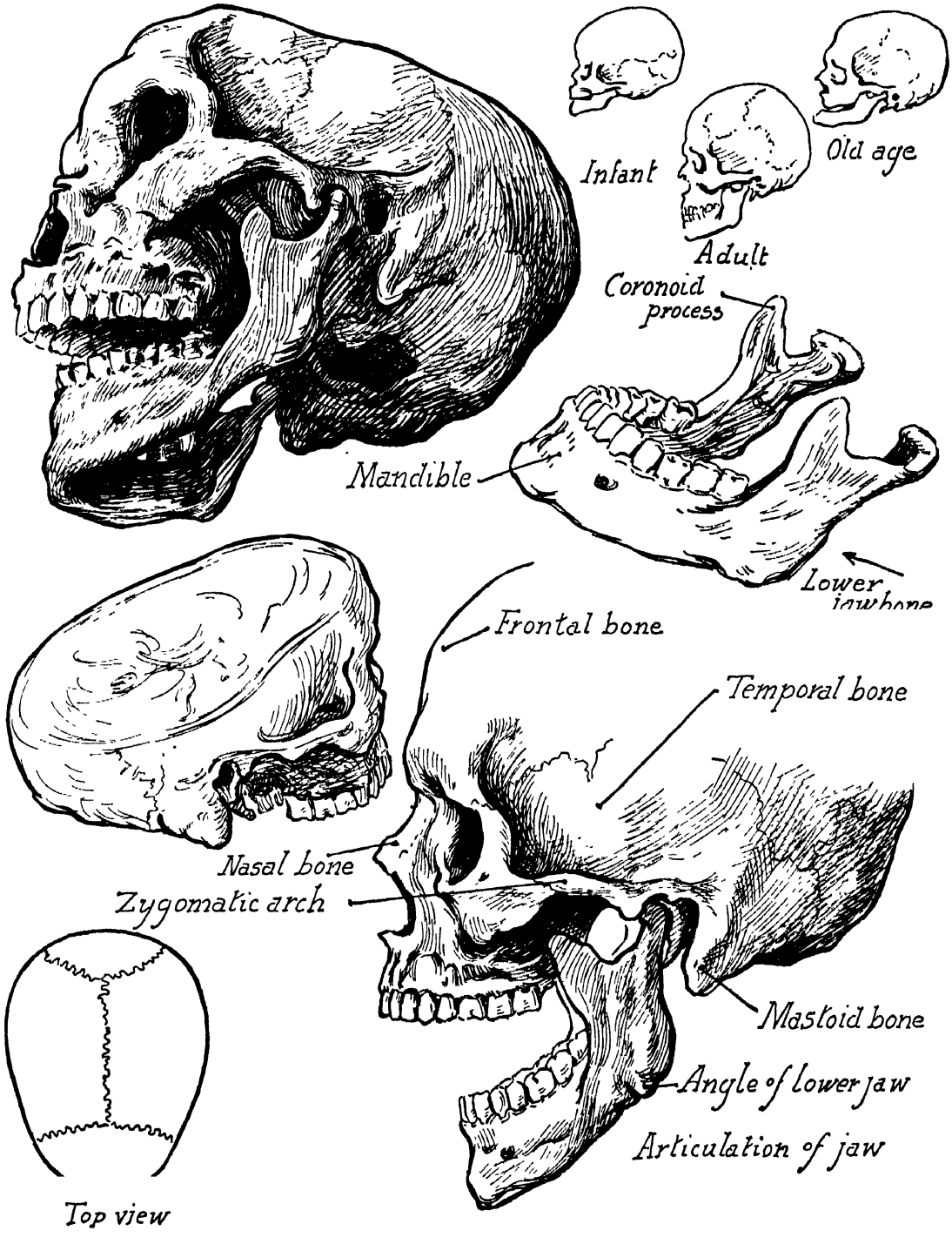


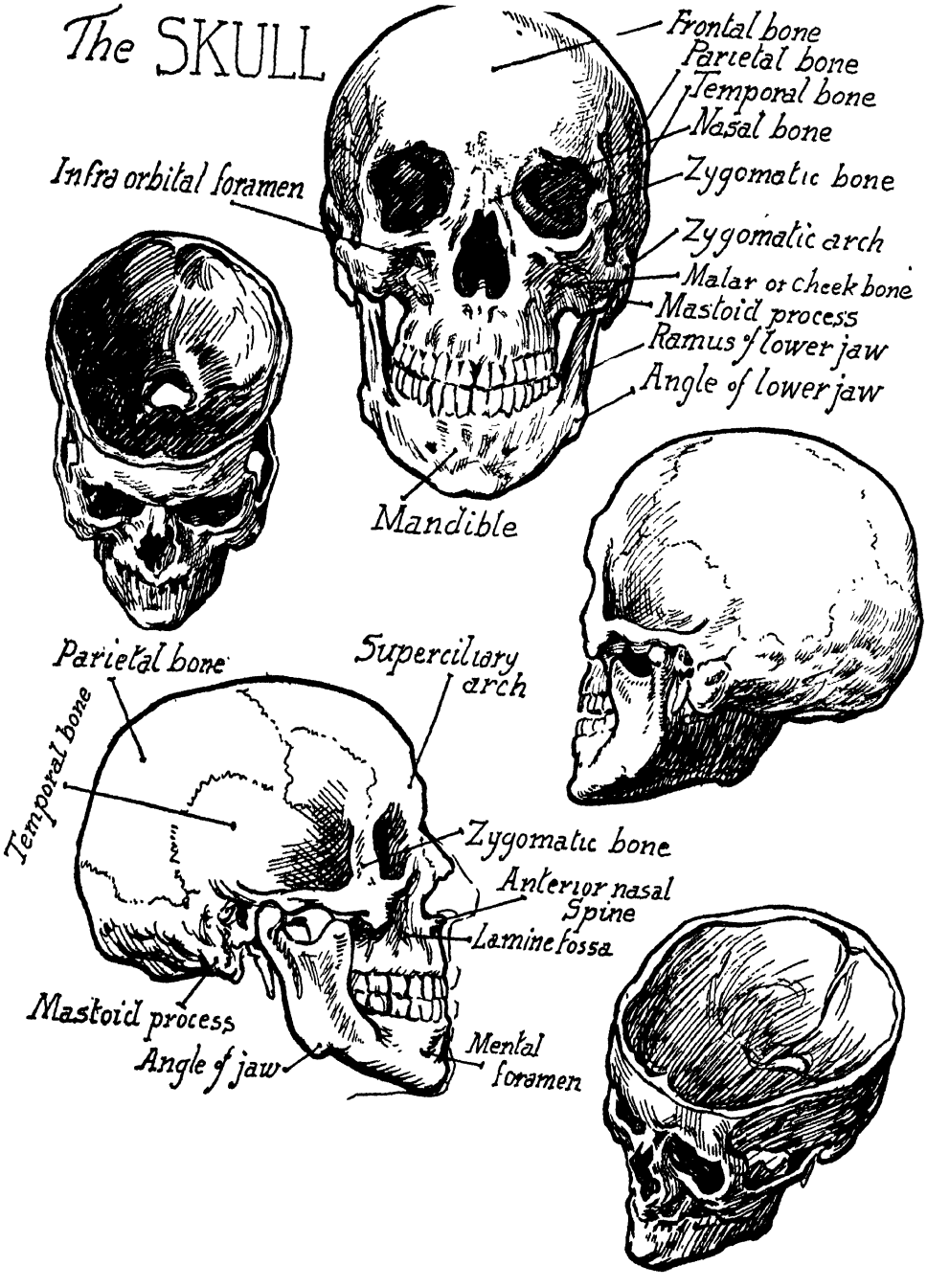
Studies of the Spine

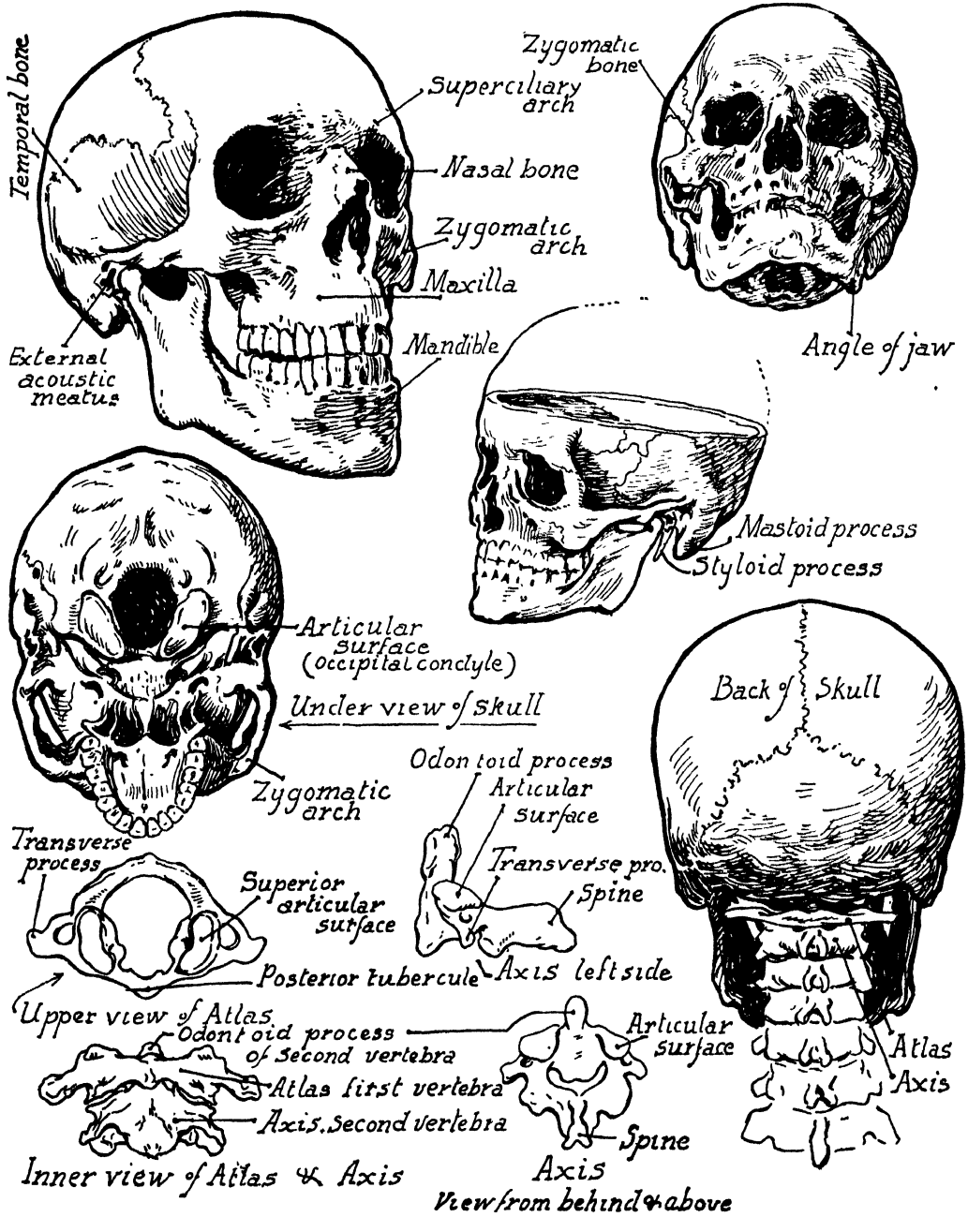

Scapula Inner View
Front
Sternun side
Scapula side
Back
Clavicle Top View
Spine side
Top view
First Rib
Second Rib
Frontal
Temporal
Orbit
Mandible
Cervical Vertebrae
Thorax
Rib
Crest of Ilium
Iliac Fo
Sacru
Ulna
Rad
Ce
Me
Pha
Great Trochanter
Small Trochanter
Pubis
Ischium
Femur
Patella
Fibula
Tibia
Tarsals
Metatarsals
Phalanges
Male Skeleton
Female Skeleton

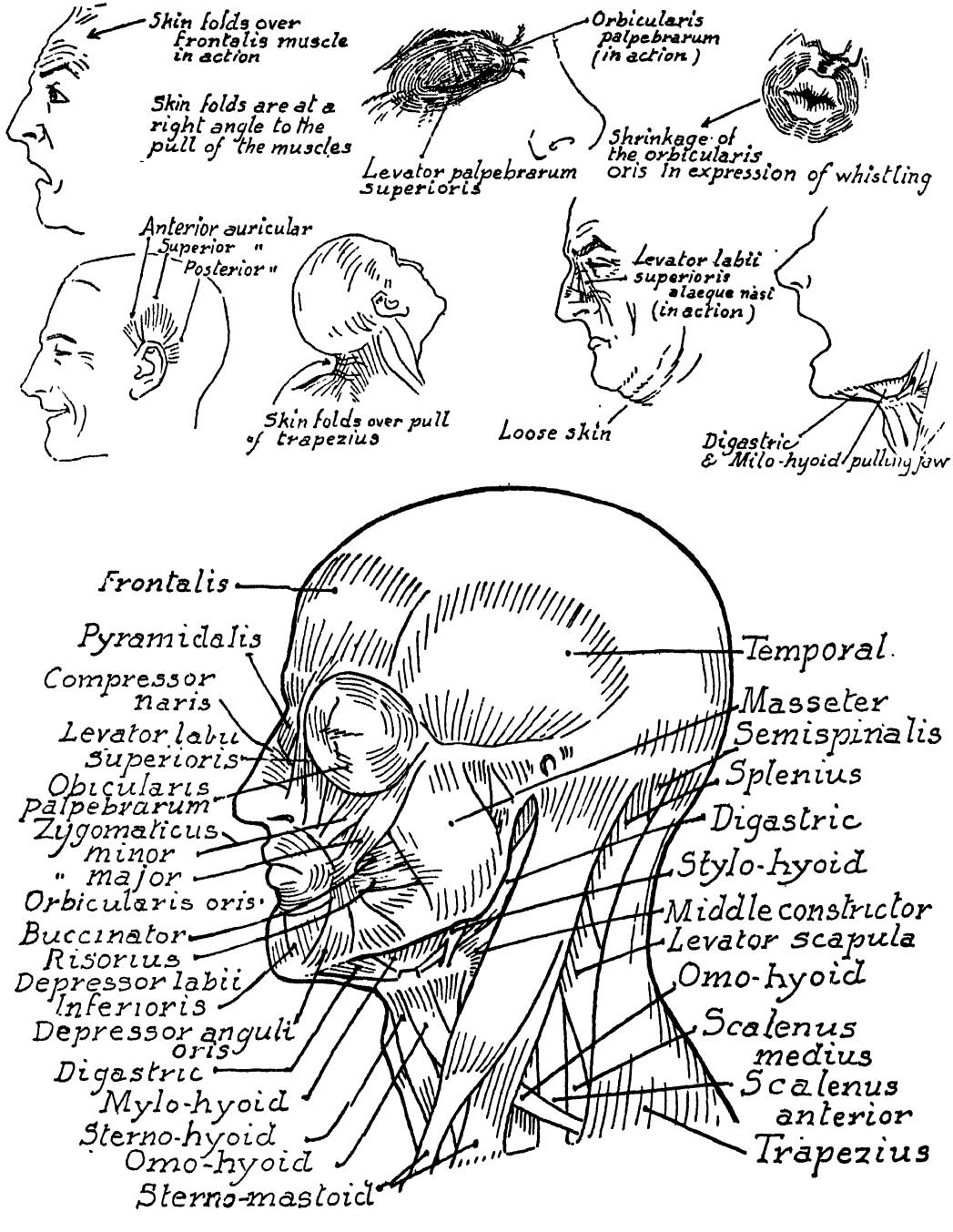

Atlas
Axis
Vertebra prominens (7th)
Clavicle
Scapula
First rib
Scapula
Top view
Action of clavicle, right arm forward
The Spine
7 Cervical
12 Thoracic
5 lumbar Vertebrae
Three quarter back view
Sacrum
Os Coccyx
Pelvic bone
Clavicle facet
Rib attachments
Sternum bone
Front view
Atlas
Axis
Clavicle
Cervical Vertebrae (7)
Scapula
Three quarter view
Top view
Superior articular process
Transverse process
Spinous process
Mamillary process
Third lumbar vertebra.
Mamillary process
Side view
Transverse process
Body
Inferior articular process

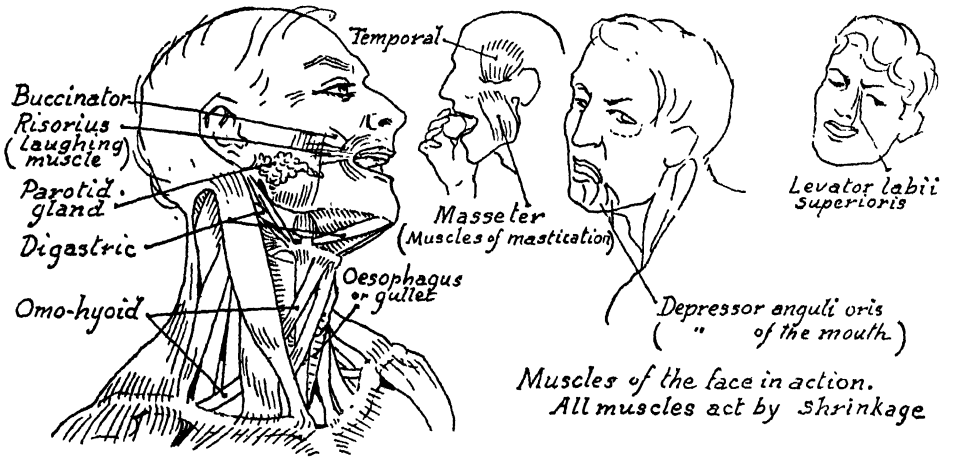
PART III
THE HEAD AND NECK


Infant
Old age
Adult
Coronoid process
Mandible
Lower jawbone
Frontal bone
Temporal bone
Nasal bone
Zygomatic arch
Mastoid bone
Angle of lower jaw
Articulation of jaw
Top view

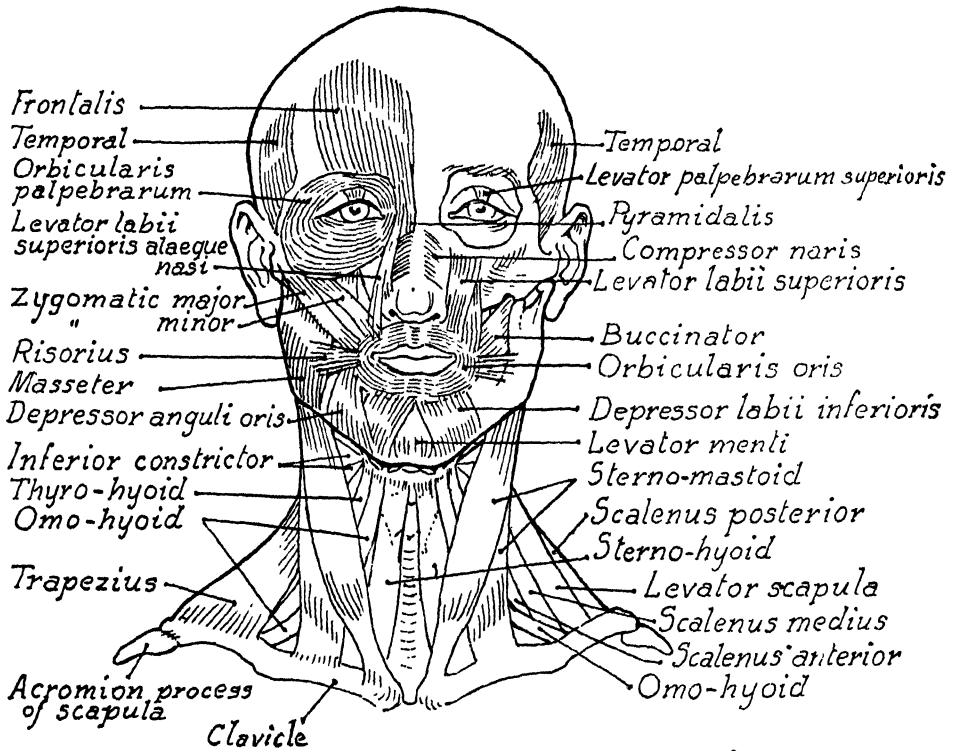

The SKULL
Frontal bone
Parietal bone
Temporal bone
Nasal bone
Zygomatic bone
Infra orbital foramen
Zygomatic arch
Malar or cheek bone
Mastoid process
Ramus of lower jaw
Angle of lower jaw
Mandible
Parietal bone
Superciliary arch
Temporal bone
Zygomatic bone
Anterior nasal Spine
Lamine fossa
Mastoid process
Angle of jaw
Mental foramen


Temporal bone
Superciliary arch
Nasal bone
Zygomatic arch
Maxilla
Mandible
External acoustic meatus
Zygomatic bone
Angle of jaw
Mastoid process
Styloid process
Articular surface (occipital condyle)
Under view of skull
Zygomatic arch
Back of Skull
Odontoid process
Articular surface
Transverse pro.
Spine
Axis left side
Transverse process
Superior articular surface
Posterior tubercule
Upper view of Atlas
Odontoid process of second vertebra
Atlas first vertebra
Axis. Second vertebra
Inner view of Atlas & Axis
Articular surface
Spine
Axis
View from behind & above
Atlas
Axis


Skin folds over frontalis muscle in action
Skin folds are at a right angle to the pull of the muscles
Orbicularis palpebrarum (in action)
Levator palpebrarum Superioris
Shrinkage of the orbicularis oris in expression of whistling
Anterior auricular
Superior "
Posterior "
Skin folds over pull of trapezius
Levator labii superioris alaeque nasi (in action)
Loose skin
Digastric & Milo-hyoid pulling jaw
Frontalis
Pyramidalis
Compressor naris
Levator labii Superioris
Orbicularis Palpebrarum
Zygomaticus minor
" major
Orbicularis oris
Buccinator
Risorius
Depressor labii Inferioris
Depressor anguli oris
Digastric
Mylo-hyoid
Sterno-hyoid
Omo-hyoid
Sterno-mastoid
Temporal
Masseter
Semispinalis
Splenius
Digastric
Stylo-hyoid
Middle constrictor
Levator scapula
Omo-hyoid
Scalenus medius
Scalenus anterior
Trapezius

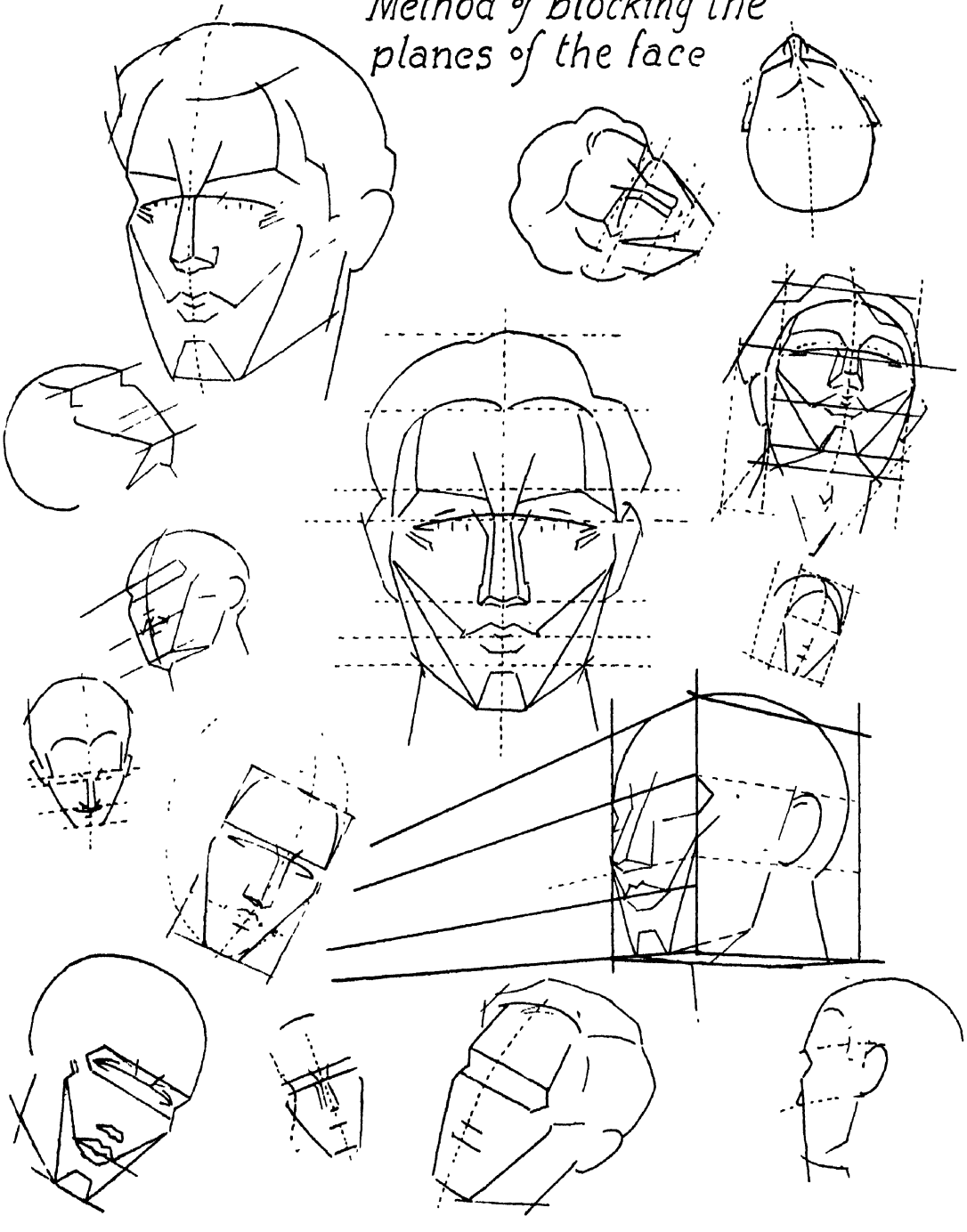


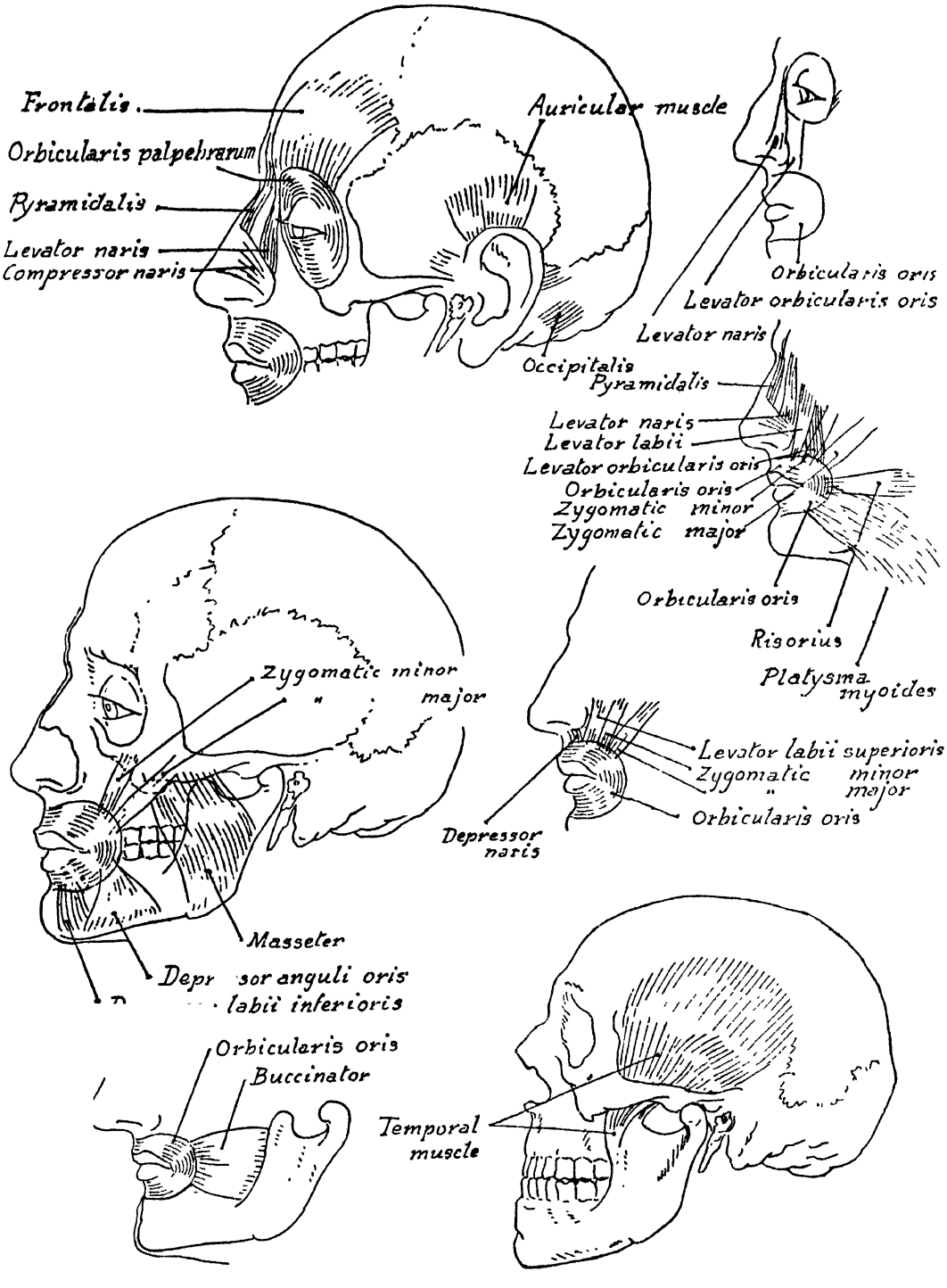
Muscles of the face in action.
All muscles act by shrinkage

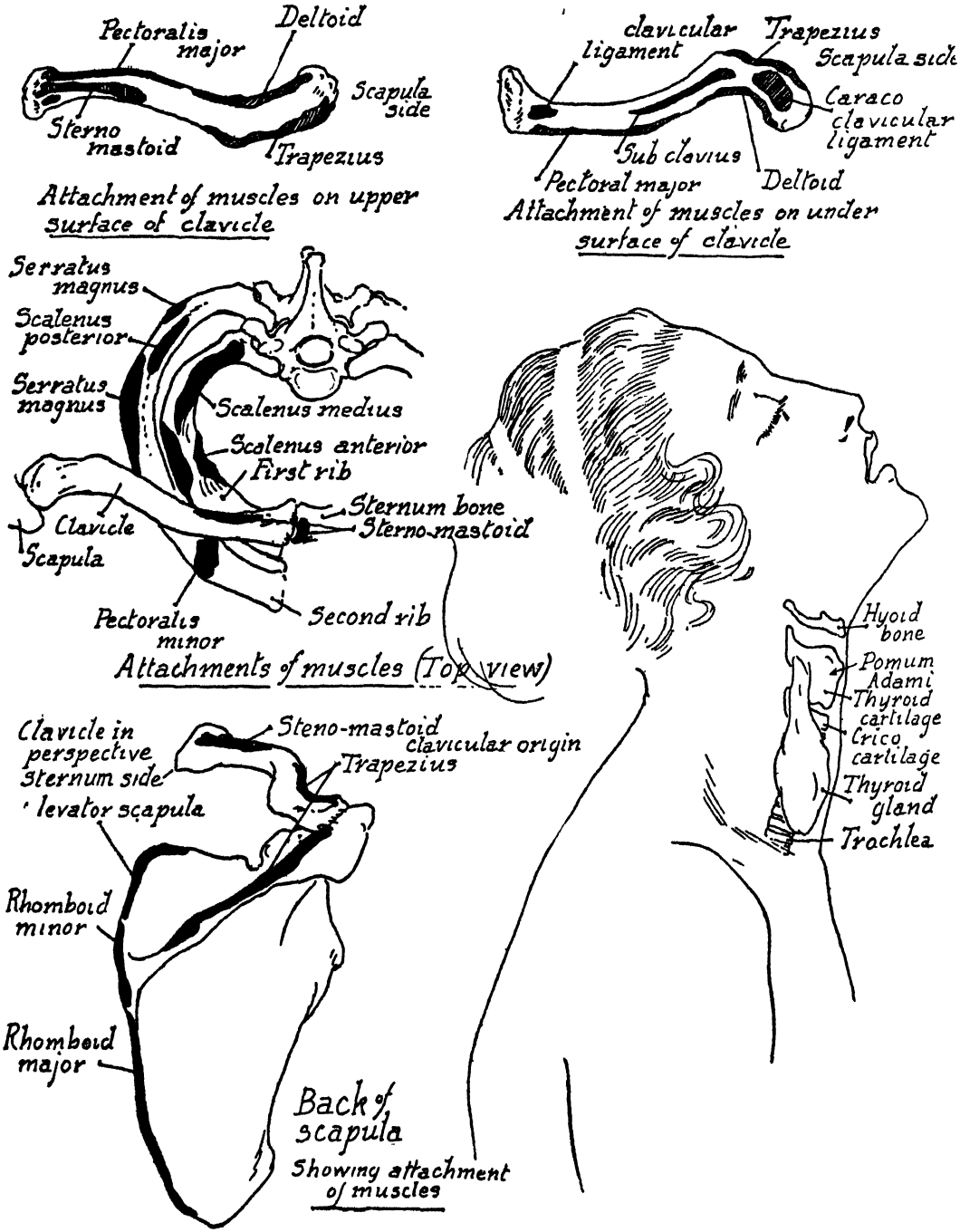


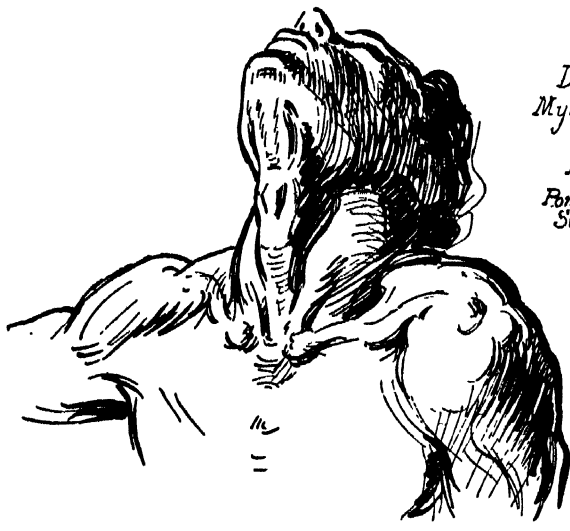
The underlying and the superficial muscles of the face and neck

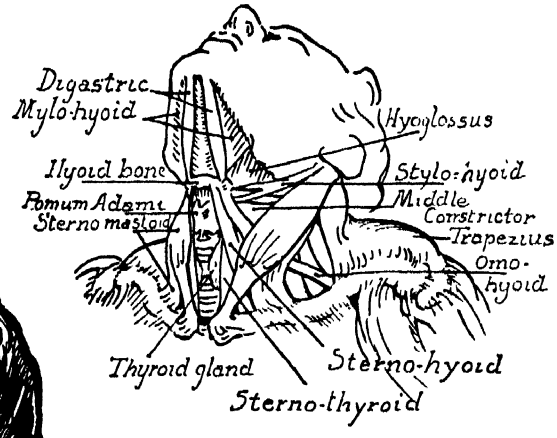
Method of blocking the planes of the face

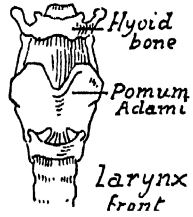


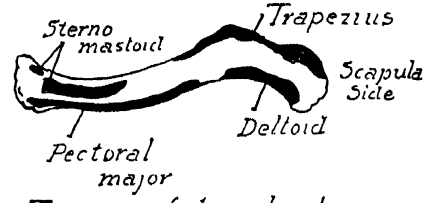

Frontalis
Orbicularis palpebrarum
Pyramidalis
Levator naris
Compressor naris
Auricular muscle
Occipitalis
Orbicularis oris
Levator orbicularis oris
Levator naris
Pyramidalis
Levator naris
Levator labii
Levator orbicularis oris
Orbicularis oris
Zygomatic minor
Zygomatic major
Orbicularis oris
Risorius
Platysma myoides
Zygomatic minor
" major
Levator labii superioris
Zygomatic minor
" major
Orbicularis oris
Depressor naris
Masseter
Depr sor anguli oris
labii inferioris
Orbicularis oris
Buccinator
Temporal muscle


Pectoralis major
Deltoid
Scapula side
Sterno mastoid
Trapezius
Attachment of muscles on upper surface of clavicle
clavicular ligament
Trapezius
Scapula side
Caraco clavicular ligament
Sub clavius
Pectoral major
Deltoid
Attachment of muscles on under surface of clavicle
Serratus magnus
Scalenus posterior
Serratus magnus
Scalenus medius
Scalenus anterior
First rib
Clavicle
Scapula
Sternum bone
Sterno-mastoid
Pectoralis minor
Second rib
Attachments of muscles (Top view)
Hyoid bone
Pomum Adami
Thyroid cartilage
Crico cartilage
Thyroid gland
Trachlea
Clavicle in perspective
Sternum side
Steno-mastoid
clavicular origin
Trapezius
Levator scapula
Rhomboid minor
Rhomboid major
Back of scapula
Showing attachment of muscles

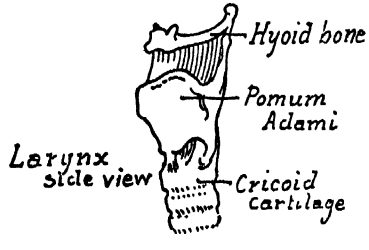


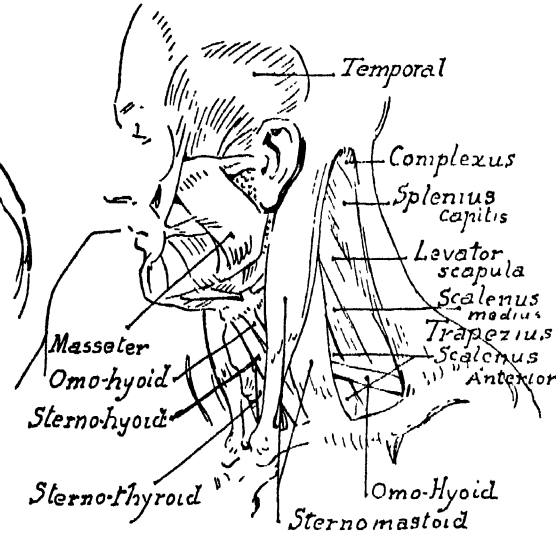


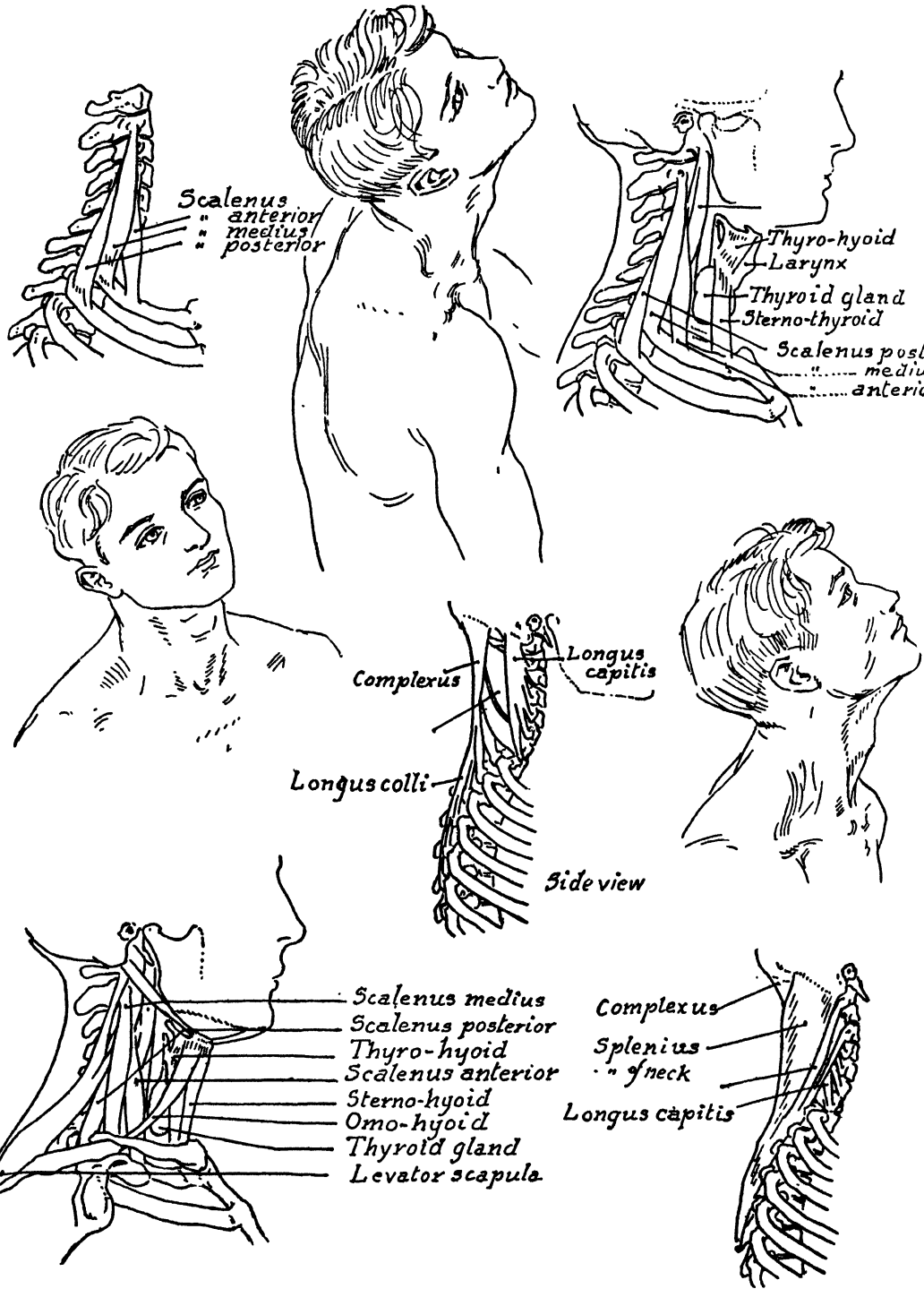


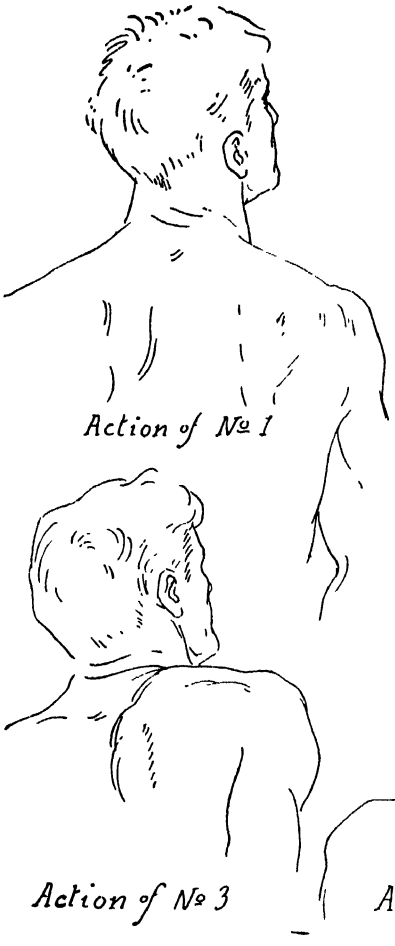


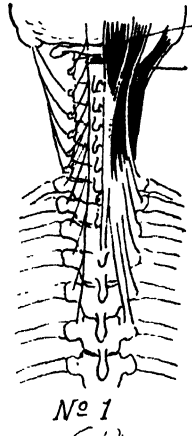
Top view of clavicle showing attachment of muscles

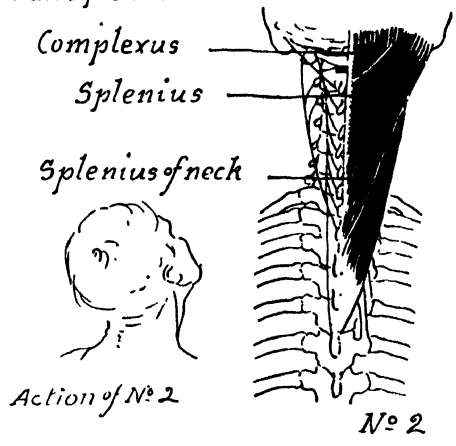


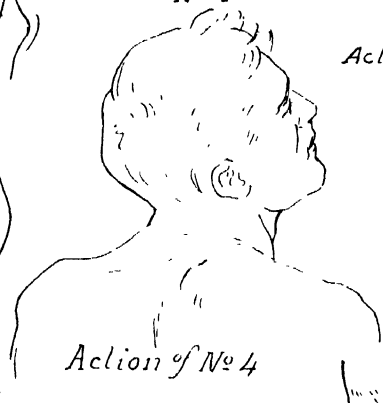



Scalenus
" anterior
" medius
" posterior
Thyro-hyoid
Larynx
Thyroid gland
Sterno-thyroid
Scalenus posterio
" medius
" anterior
Complexus
Longus capitis
Longus colli
Side view
Scalenus medius
Scalenus posterior
Thyro-hyoid
Scalenus anterior
Sterno-hyoid
Omo-hyoid
Thyroid gland
Levator scapula
Complexus
Splenius
" of neck
Longus capitis

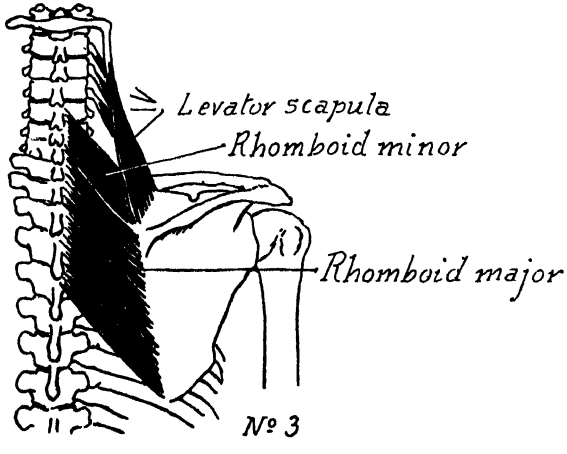


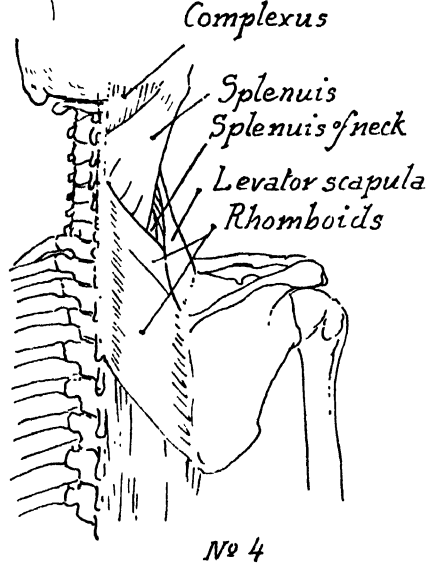


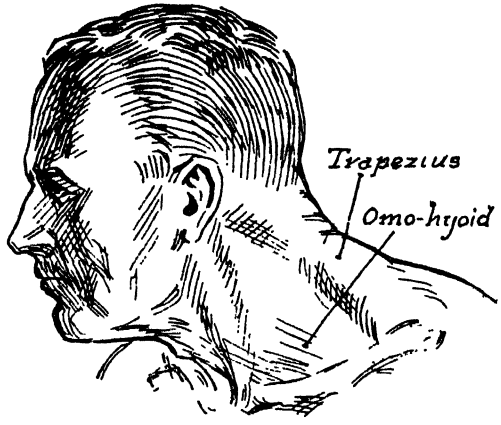




Muscles of back of neck

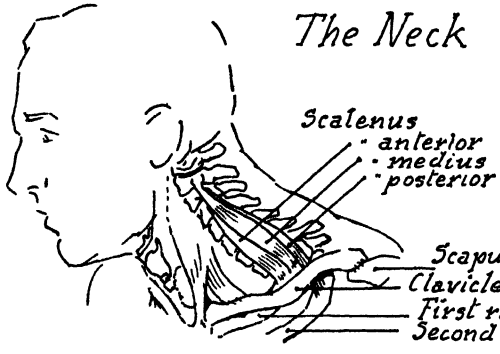


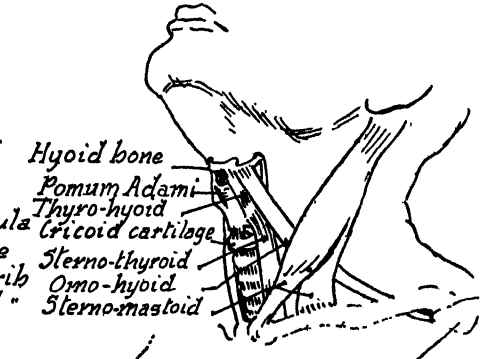


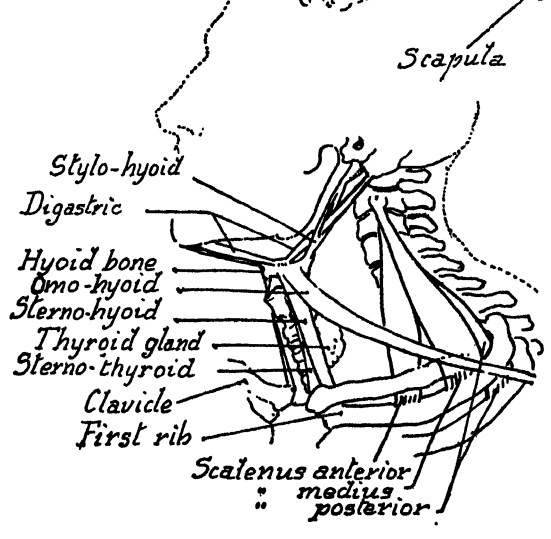

Trapezius
Omo-hyoid

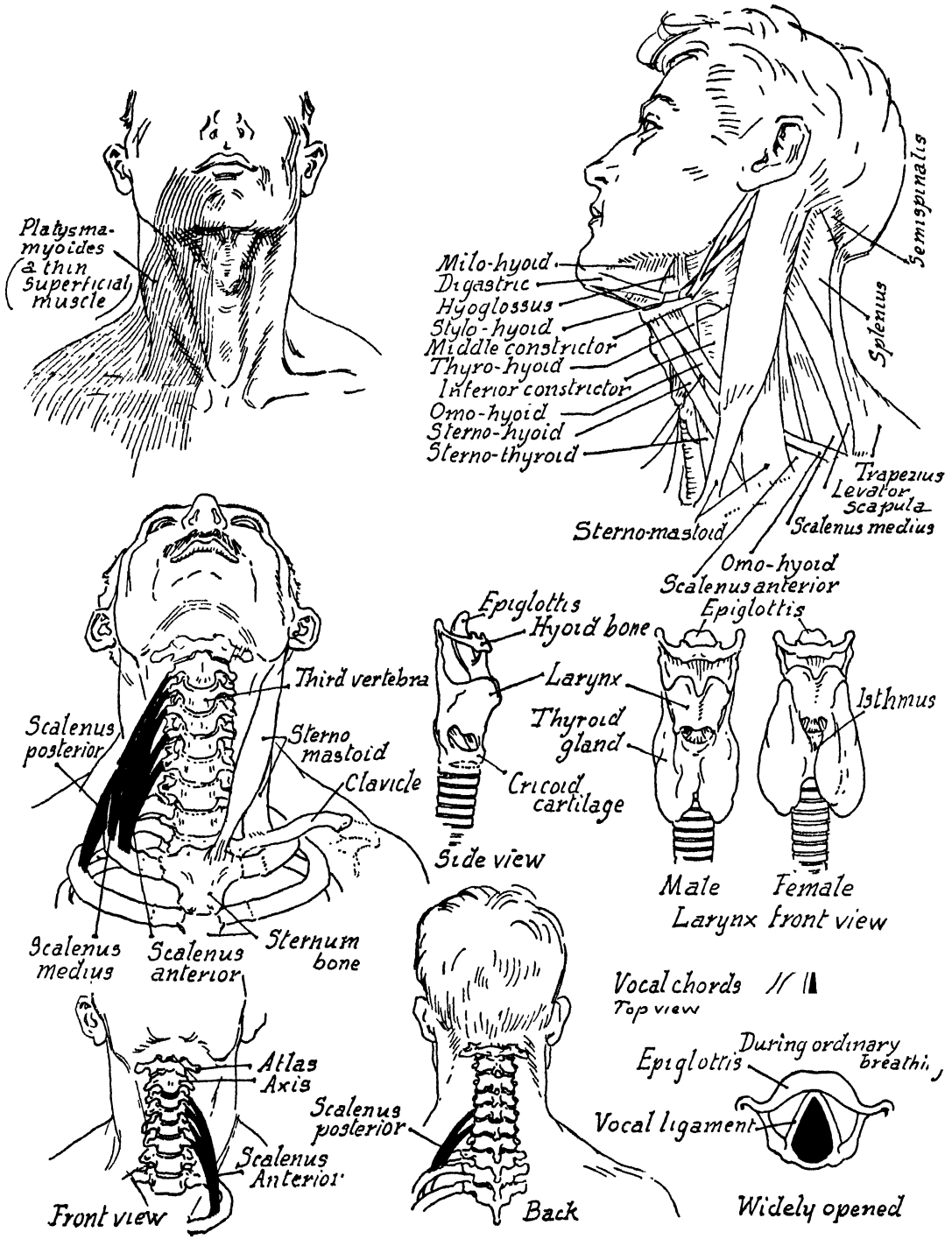

Sterno-
mastoid

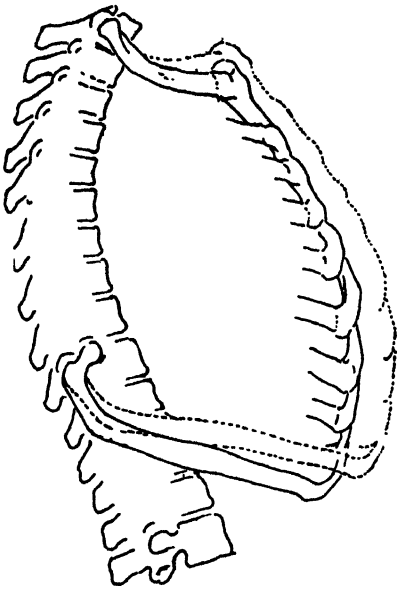
The Neck


Scalenus
" anterior
" medius
" posterior
Scapula
Clavicle
First rib
Second "

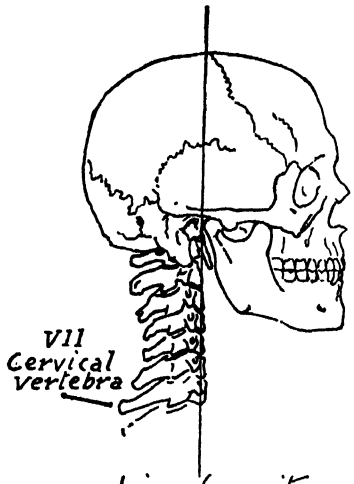

Hyoid bone
Pomum Adami
Thyro-hyoid
Cricoid cartilage
Sterno-thyroid
Omo-hyoid
Sterno-mastoid


Scapula
Stylo-hyoid
Digastric
Hyoid bone
Omo-hyoid
Sterno-hyoid
Thyroid gland
Sterno-thyroid
Clavicle
First rib
Scalenus anterior
" medius
" posterior

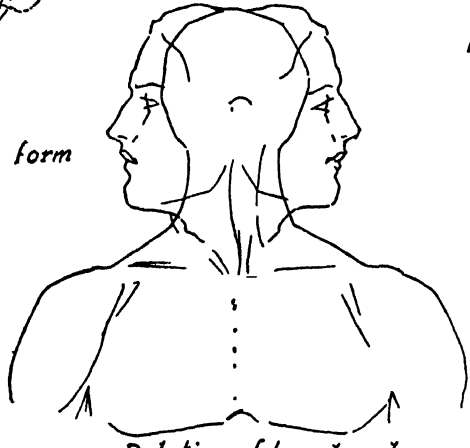

Platysma-myoides a thin superficial muscle
Semispinalis
Milo-hyoid
Digastric
Hyoglossus
Stylo-hyoid
Middle constrictor
Thyro-hyoid
Inferior constrictor
Omo-hyoid
Sterno-hyoid
Sterno-thyroid
Splenius
Trapezius
Levator scapula
Scalenus medius
Sterno-mastoid
Omo-hyoid
Scalenus anterior
Third vertebra
Scalenus posterior
Sterno mastoid
Clavicle
Scalenus medius
Scalenus anterior
Sternum bone
Epiglottis
Hyoid bone
Larynx
Thyroid gland
Cricoid cartilage
Side view
Epiglottis
Isthmus
Male
Female
Larynx front view
Vocal chords
Top view
Epiglottis
During ordinary breathi
Vocal ligament
Widely opened
Atlas
Axis
Scalenus posterior
Scalenus Anterior
Front view
Back



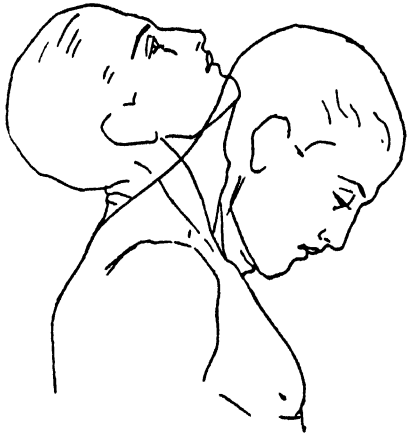
Modification of chest form in breathing



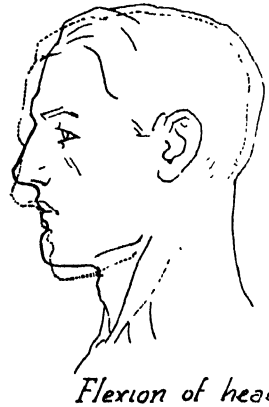
Line of gravity



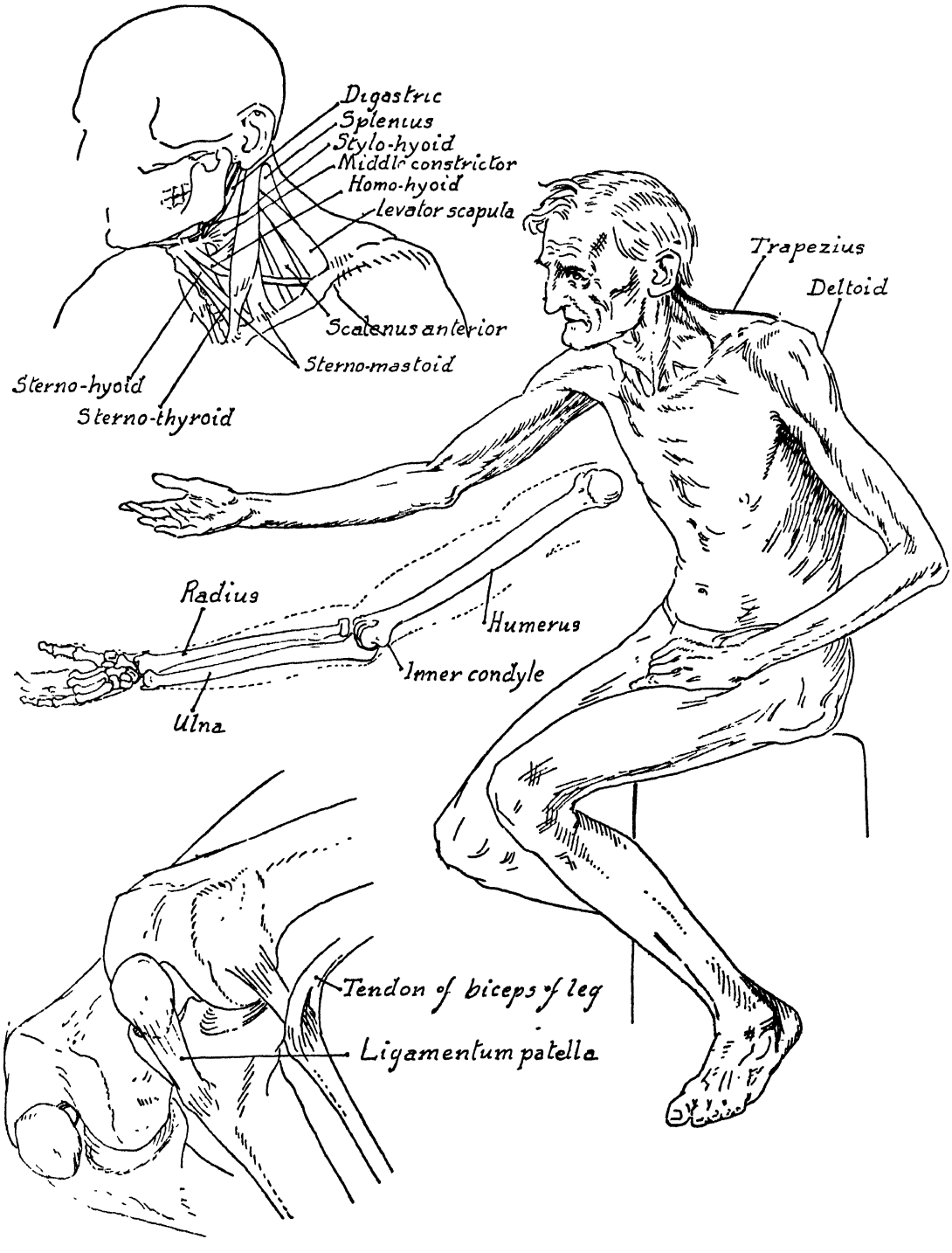
Relation of head and neck to shoulders in extreme side movements

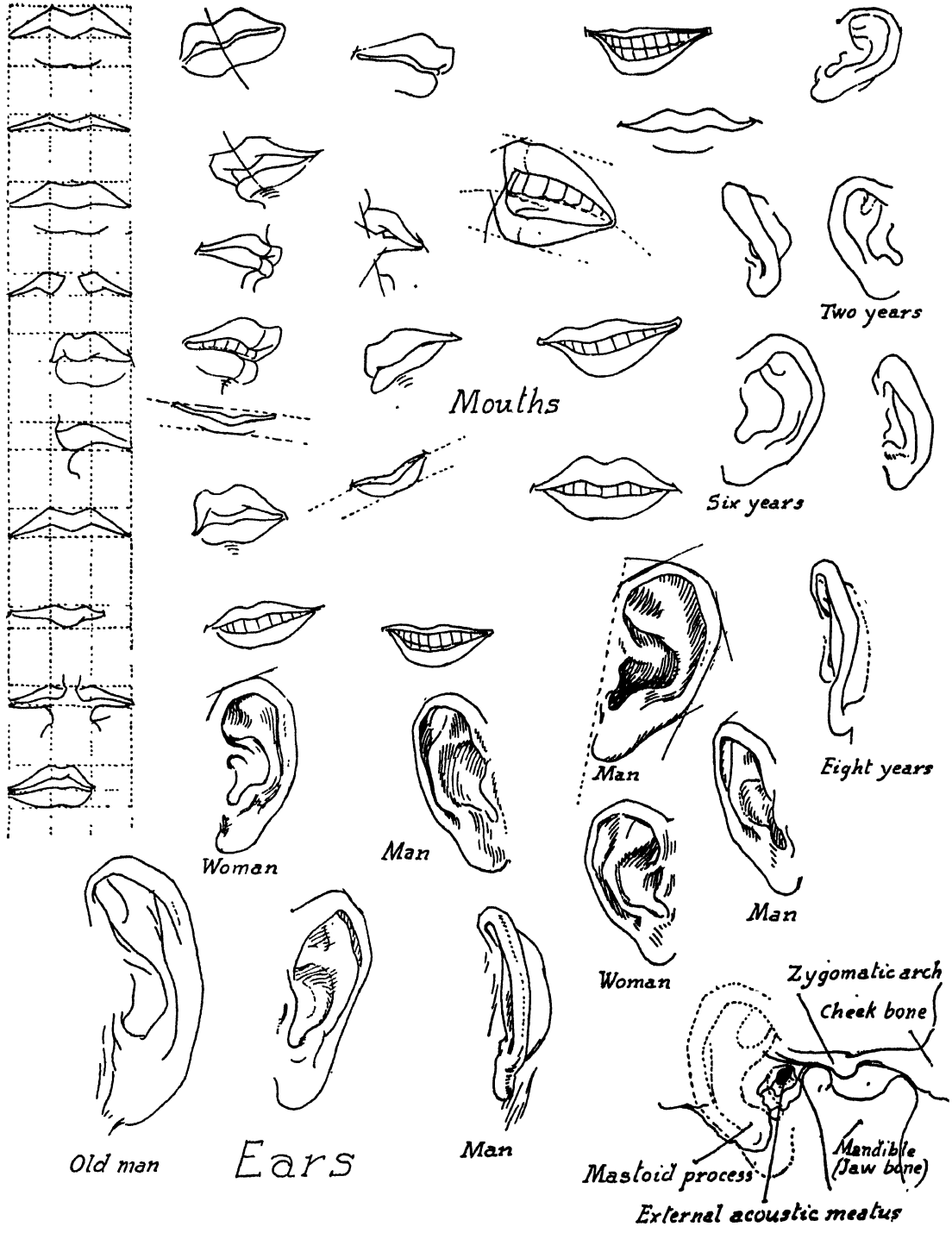


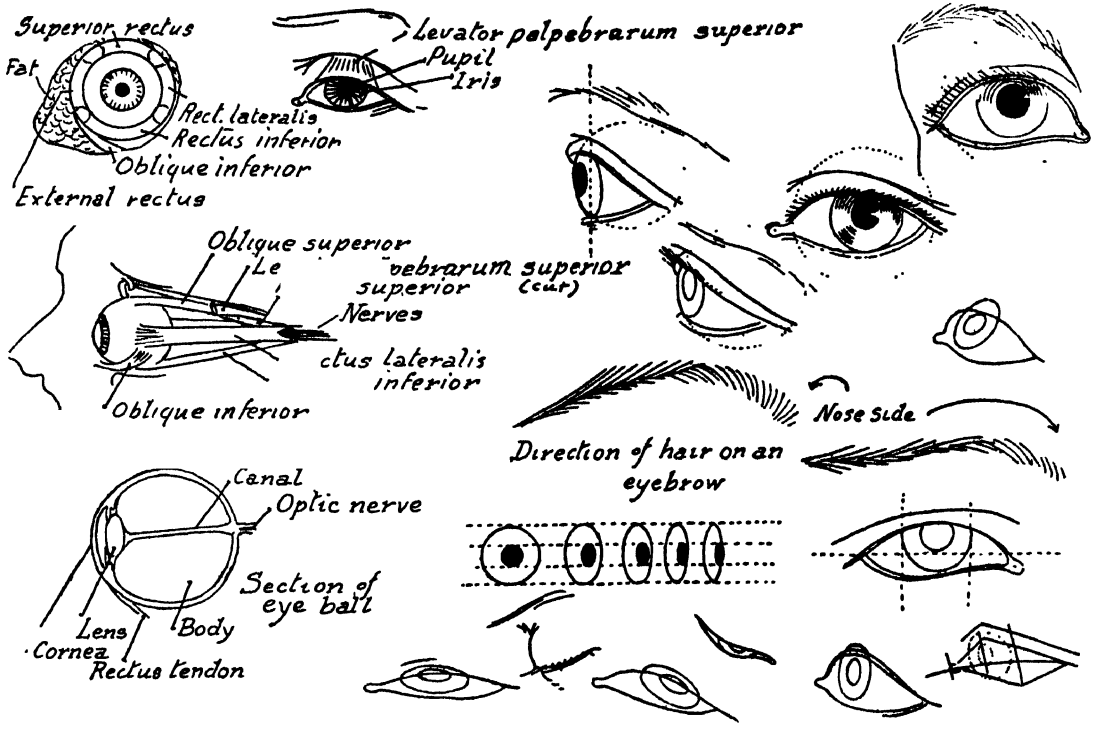
Extent of bending forward and back



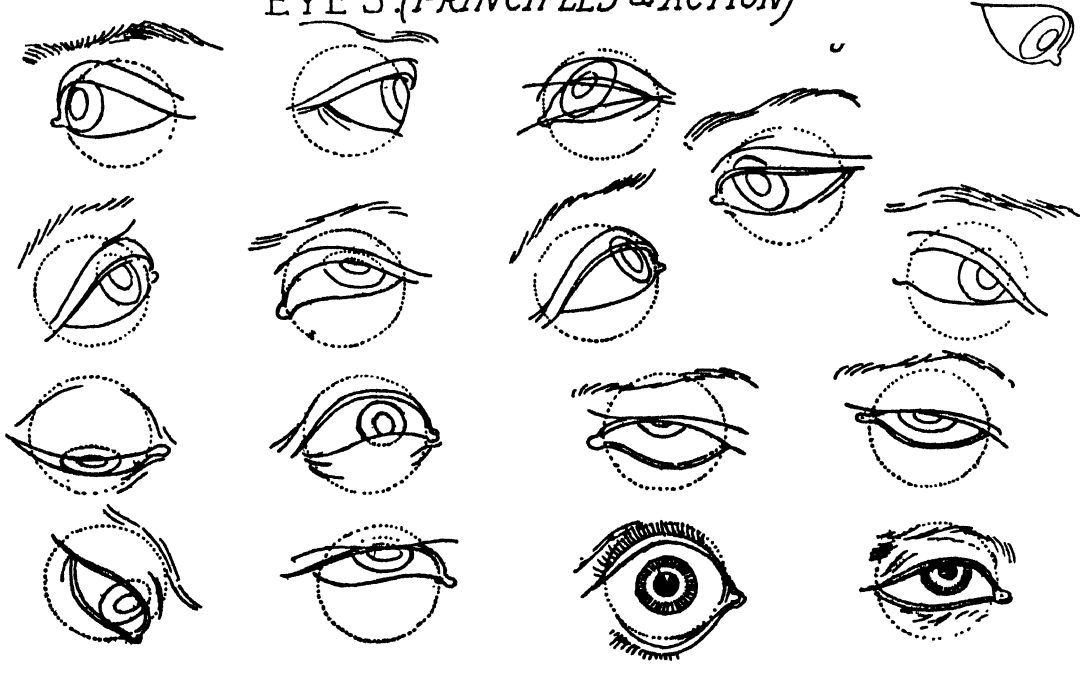
Flexion of head without moving neck

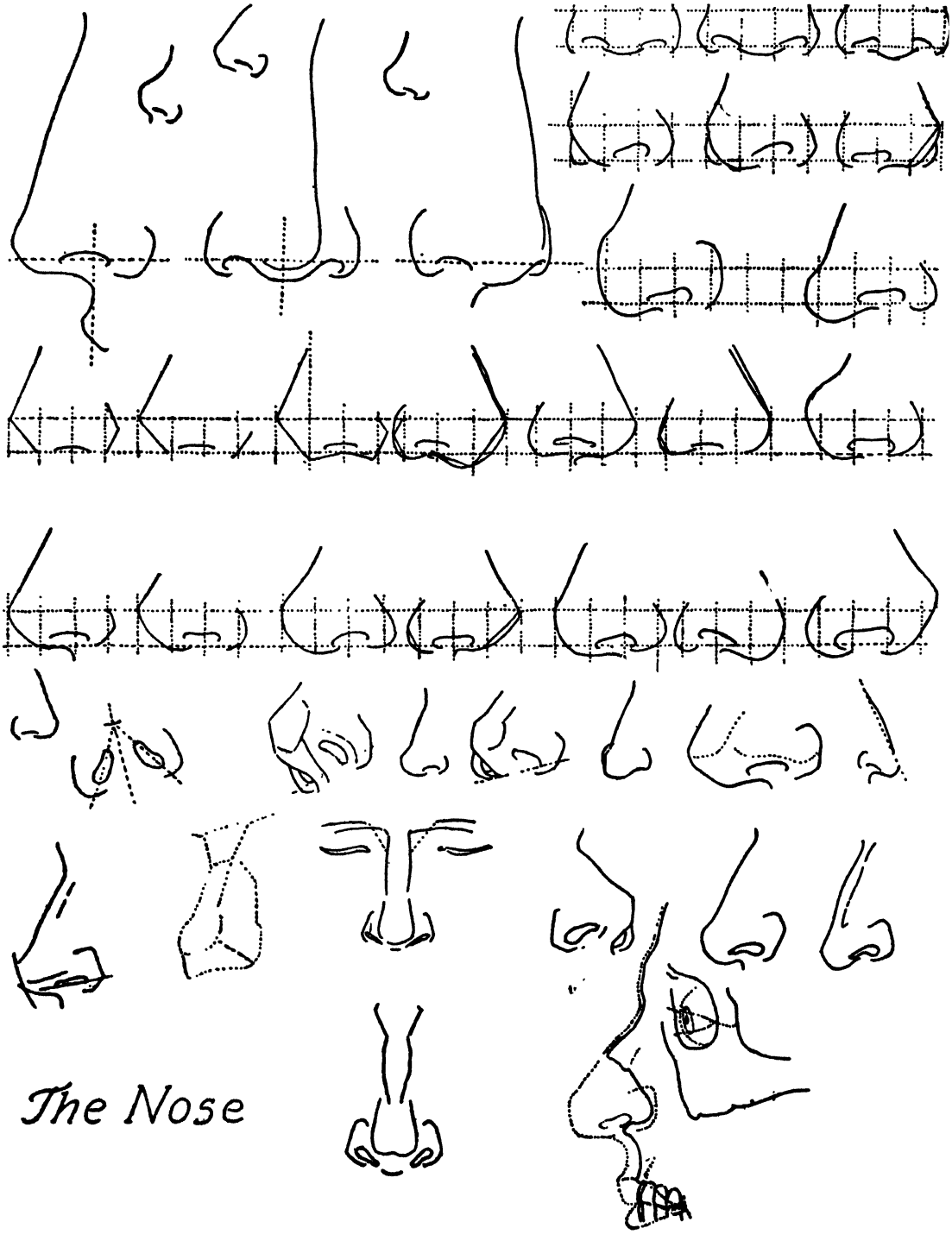

Digastric
Splenius
Stylo-hyoid
Middle constrictor
Homo-hyoid
Levator scapula
Scalenus anterior
Sterno-mastoid
Sterno-hyoid
Sterno-thyroid
Trapezius
Deltoid
Radius
Humerus
Inner condyle
Ulna
Tendon of biceps of leg
Ligamentum patella


Mouths
Two years
Six years
Eight years
Man
Man
Man
Man
Woman
Woman
Old man
Ears
Man
Zygomatic arch
Cheek bone
Mandible (Jaw bone)
Mastoid process
External acoustic meatus

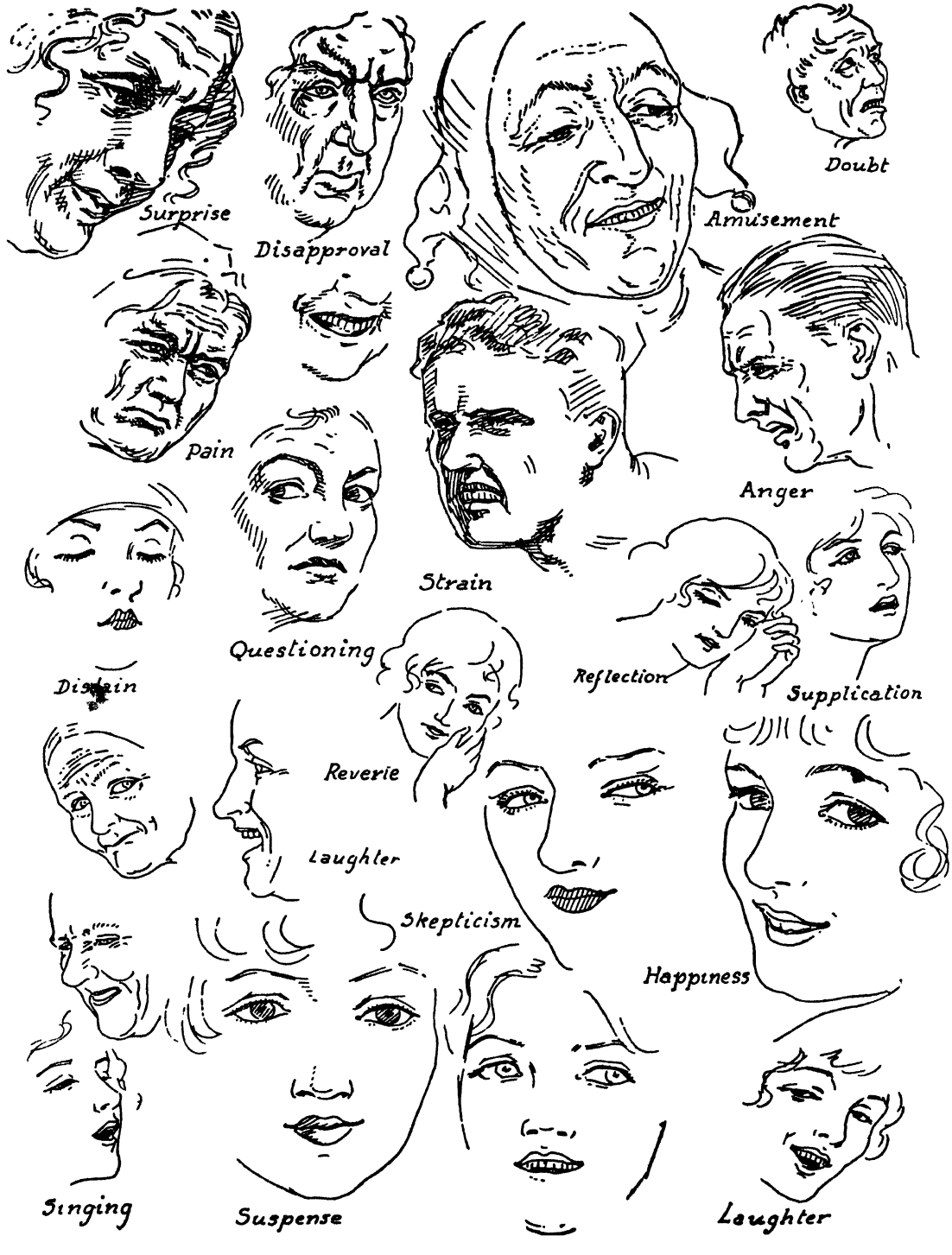


EYES (PRINCIPLES & ACTION)

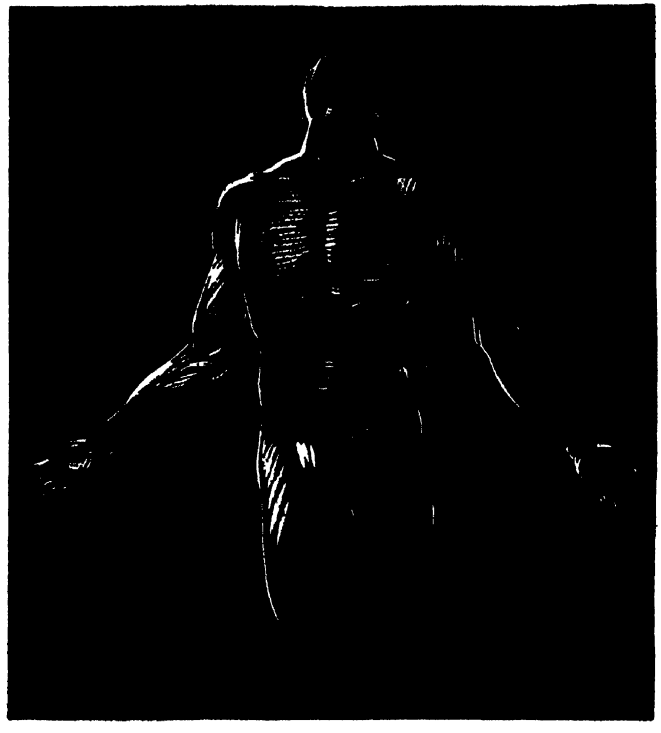



The Nose

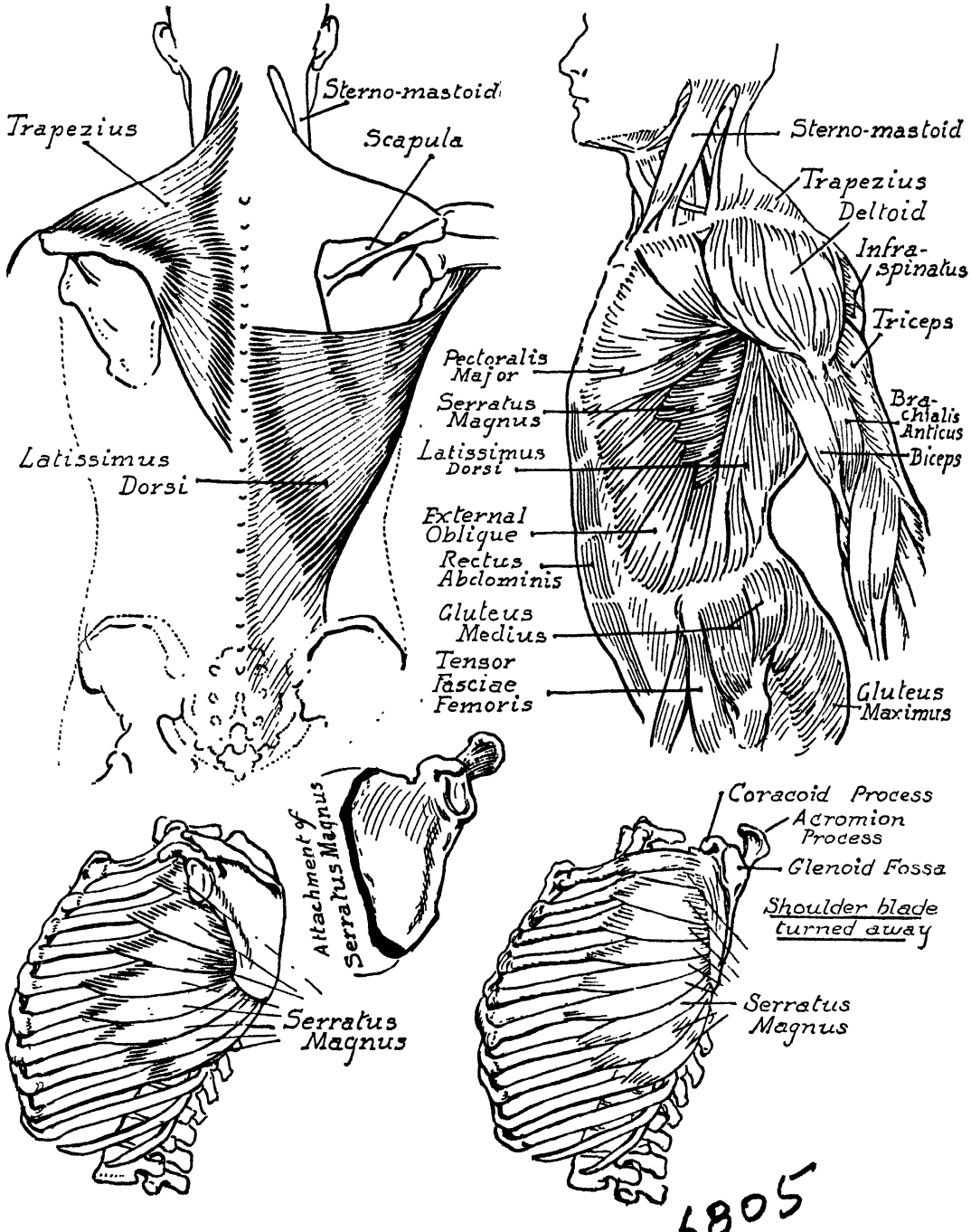

Caucasian
(white race)
Prehistoric
type
Mongolian
(yellow race)
Ethiopian
(black race)
American Indian
(red race)
Malayan
(brown race)
The five races of man

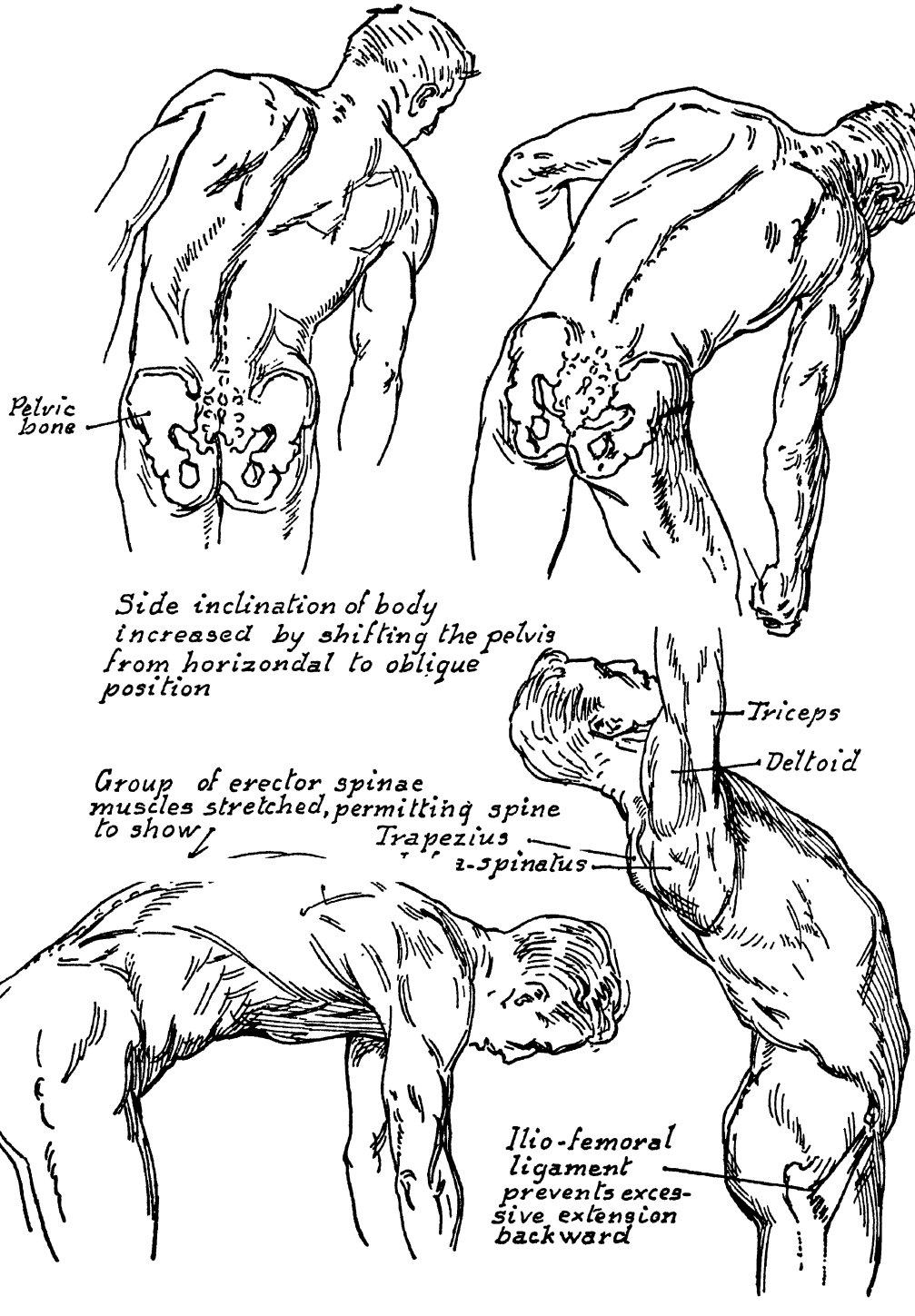

Surprise
Disapproval
Doubt
Amusement
Pain
Anger
Strain
Questioning
Disdain
Reflection
Supplication
Reverie
Laughter
Skepticism
Happiness
Singing
Suspense
Laughter

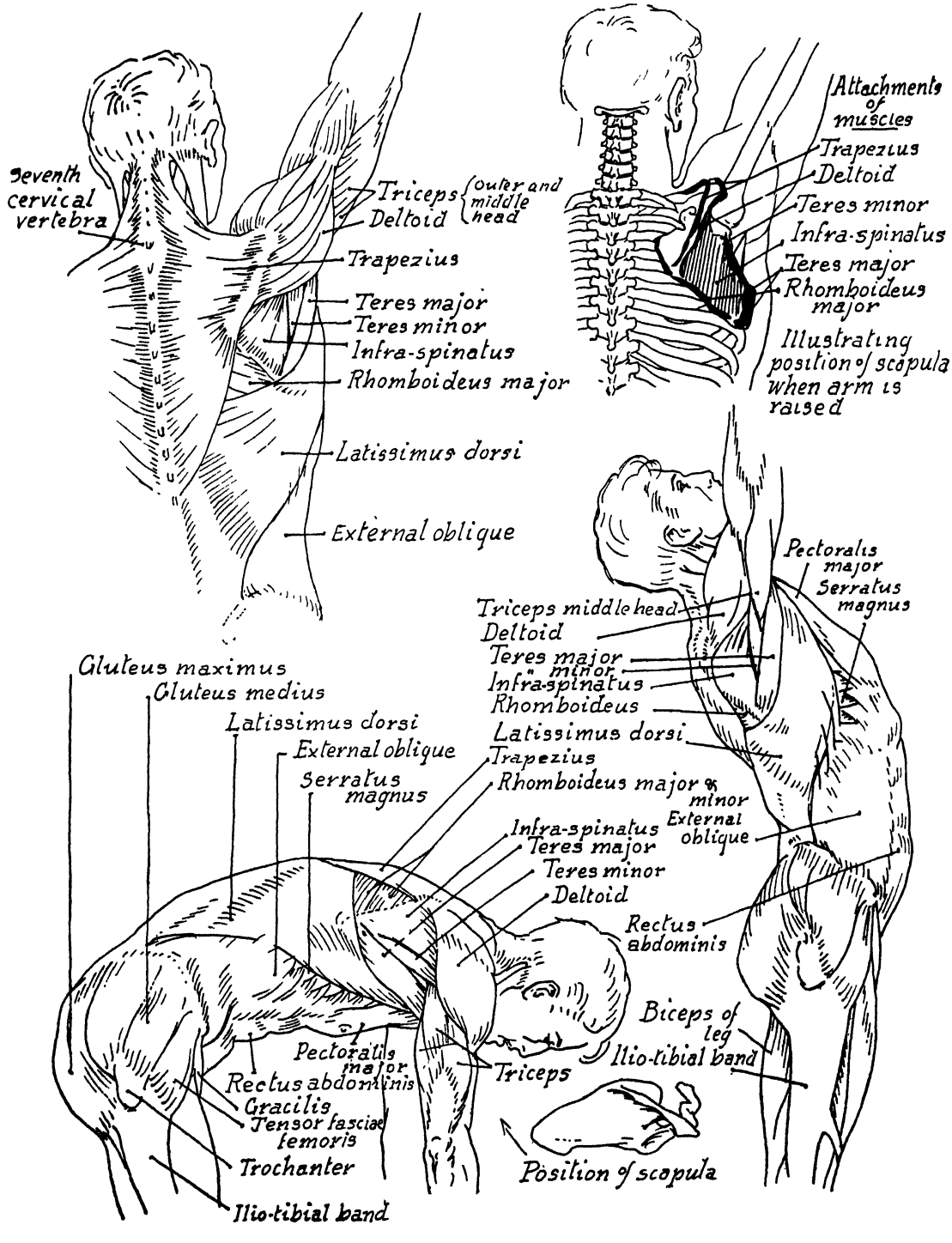
Studies of Expression

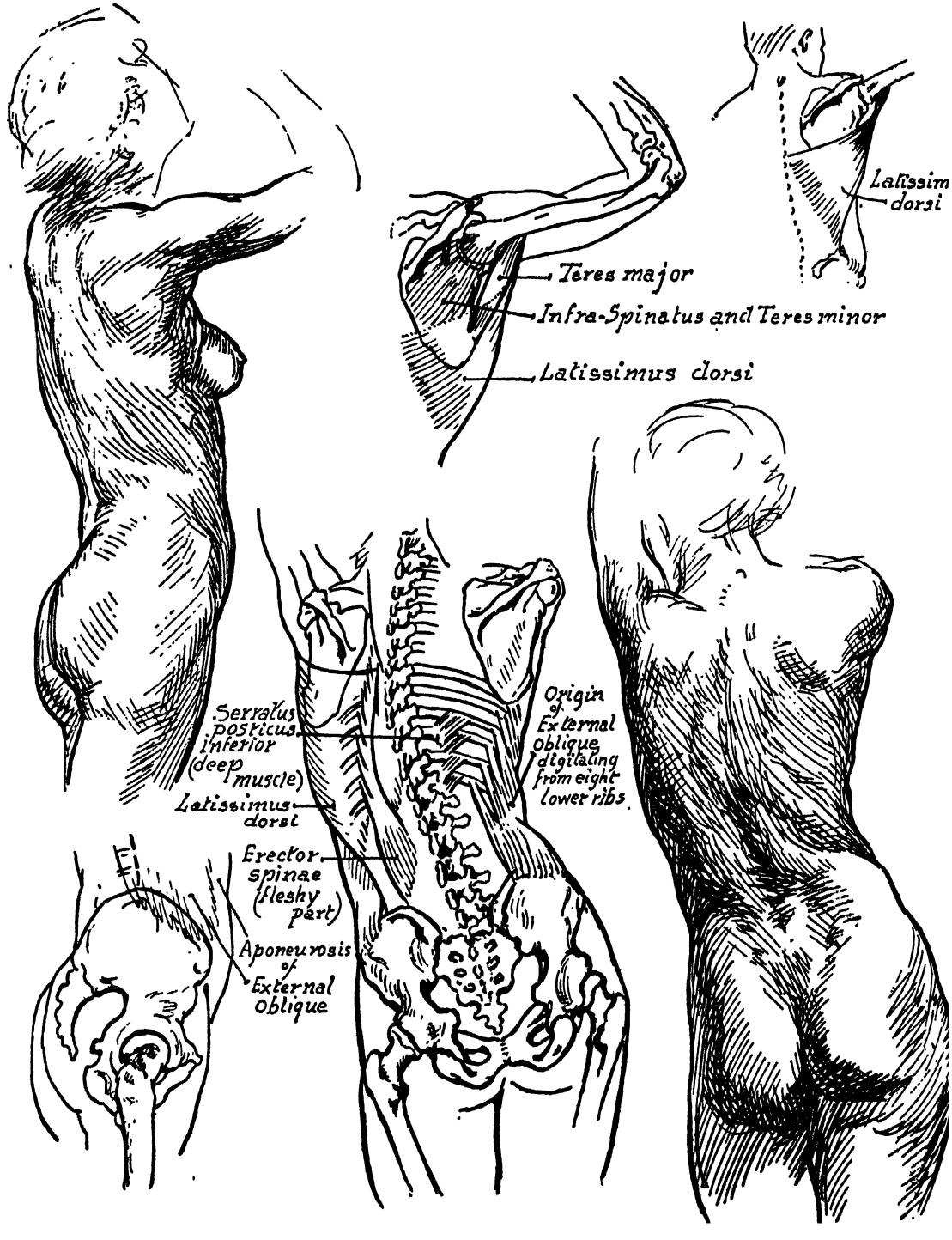


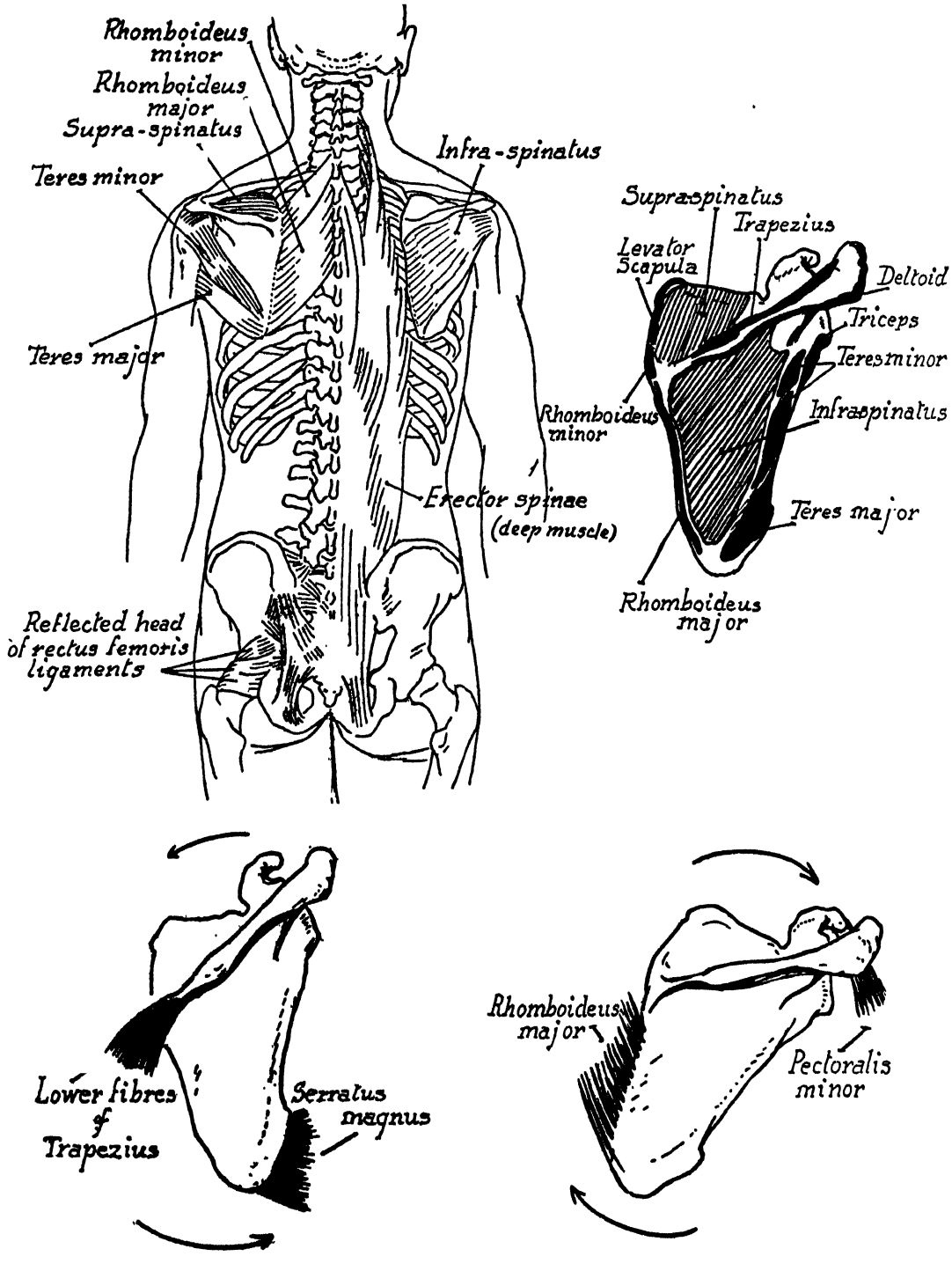
PART IV
THE TORSO

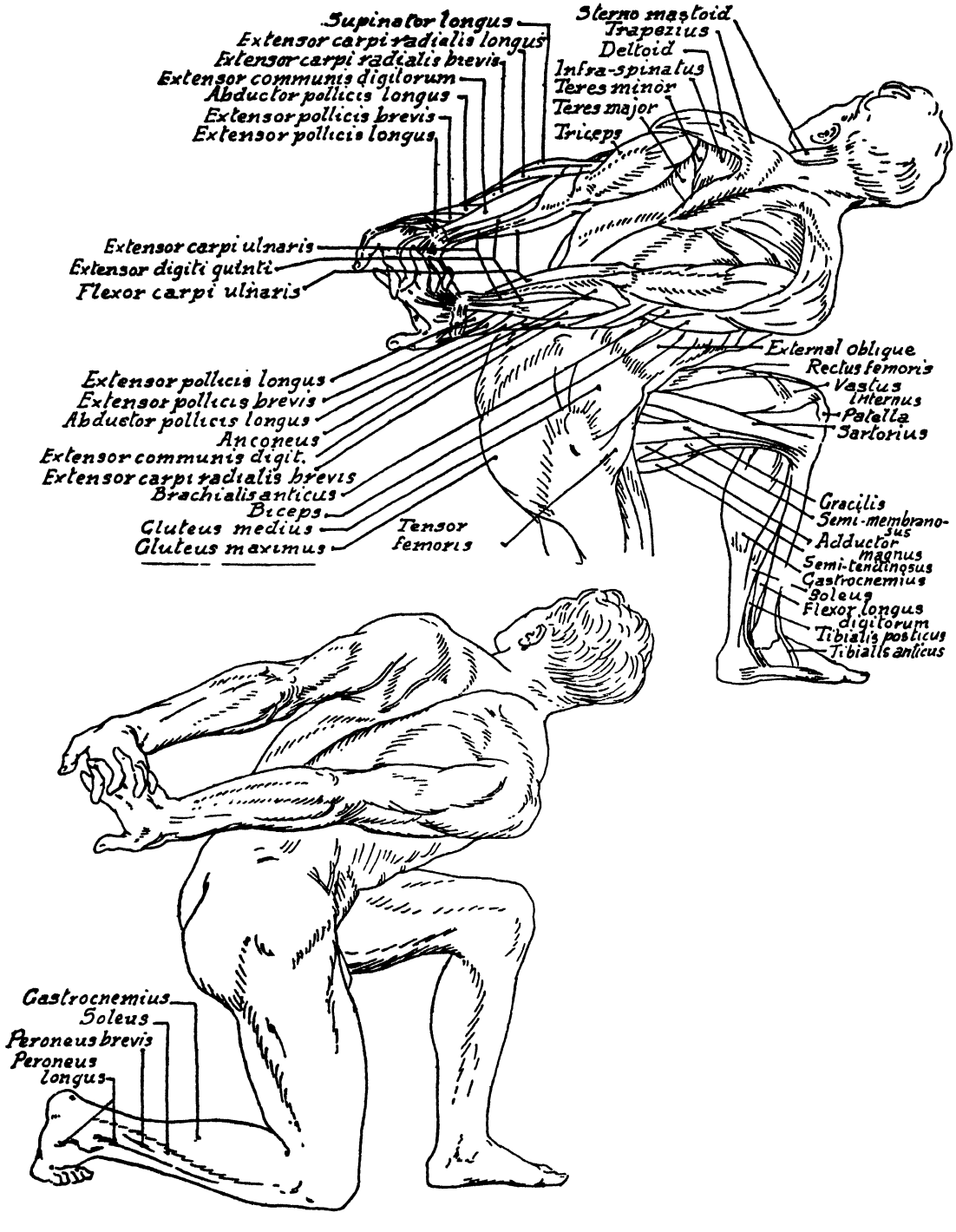


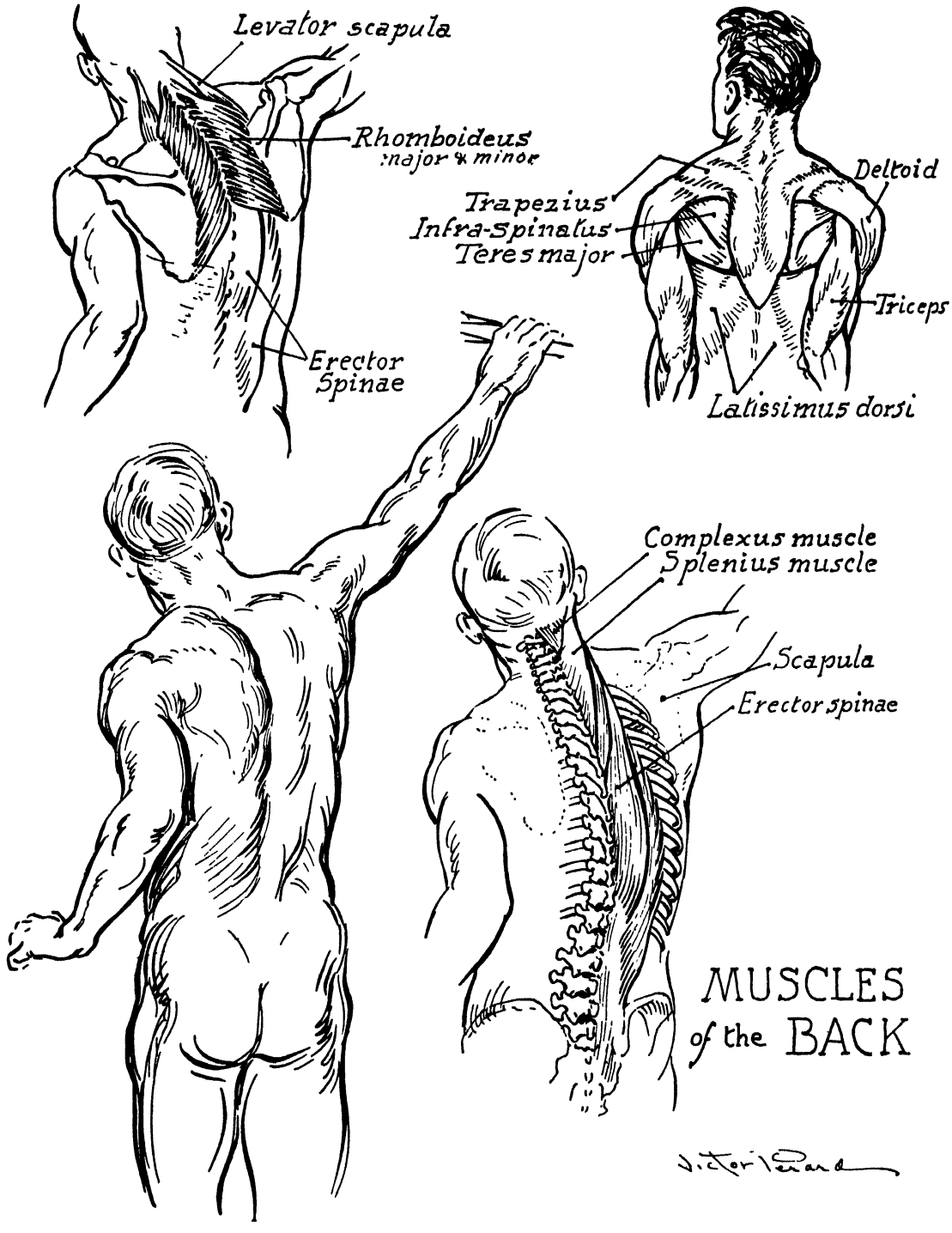

Pelvic bone
Side inclination of body increased by shifting the pelvis from horizondal to oblique position
Triceps
Deltoid
Group of erector spinae muscles stretched, permitting spine to show
Trapezius
Ilio-femoral ligament prevents excessive extension backward

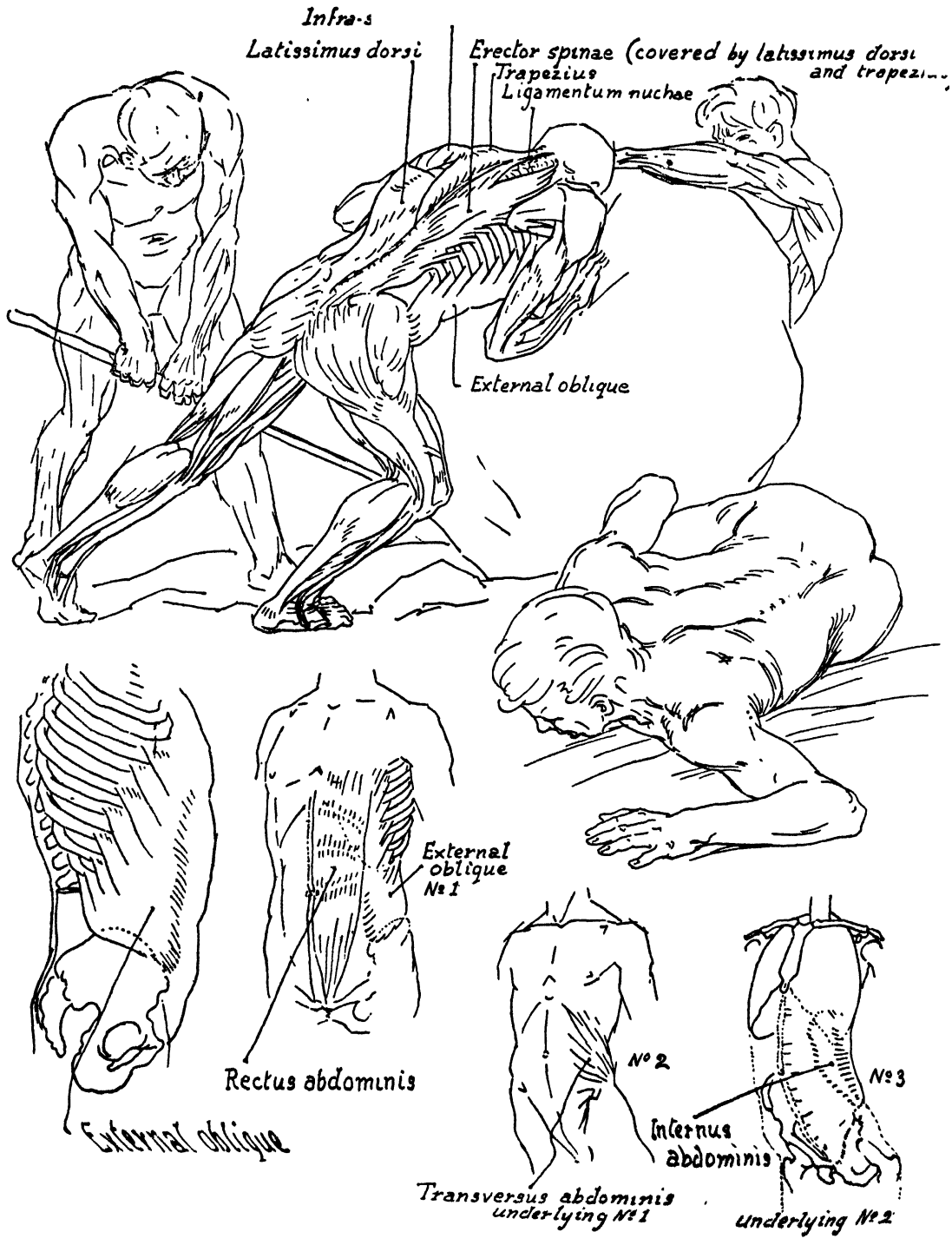

Seventh cervical vertebra
Triceps (outer and middle head)
Deltoid
Trapezius
Teres major
Teres minor
Infra-spinatus
Rhomboideus major
Latissimus dorsi
External oblique
Attachments of muscles
Trapezius
Deltoid
Teres minor
Infra-spinatus
Teres major
Rhomboideus major
Illustrating position of scapula when arm is raised
Pectoralis major
Serratus magnus
Triceps middle head
Deltoid
Teres major
minor
Infra-spinatus
Rhomboideus
Latissimus dorsi
Trapezius
Rhomboideus major & minor
External oblique
Rectus abdominis
Biceps of leg
Ilio-tibial band
Triceps
Position of scapula
Gluteus maximus
Gluteus medius
Latissimus dorsi
External oblique
Serratus magnus
Infra-spinatus
Teres major
Teres minor
Deltoid
Pectoralis major
Rectus abdominis
Gracilis
Tensor fasciae femoris
Trochanter
Ilio-tibial band

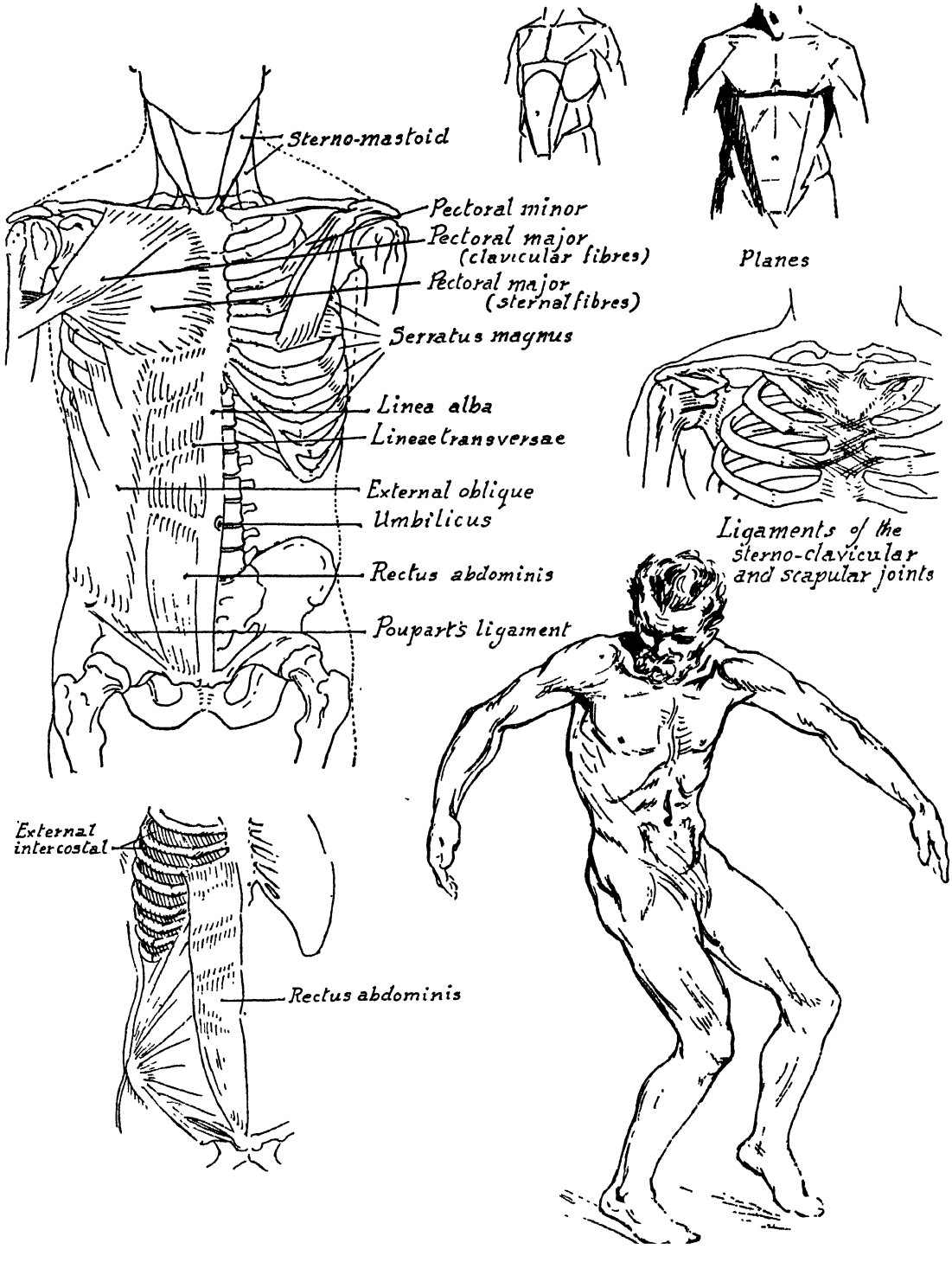

Latissim dorsi
Teres major
Infra-Spinatus and Teres minor
Latissimus dorsi
Serratus posticus inferior (deep muscle)
Latissimus dorsi
Erector spinae (fleshy part)
Aponeurosis of External Oblique
Origin of External Oblique digitating from eight lower ribs

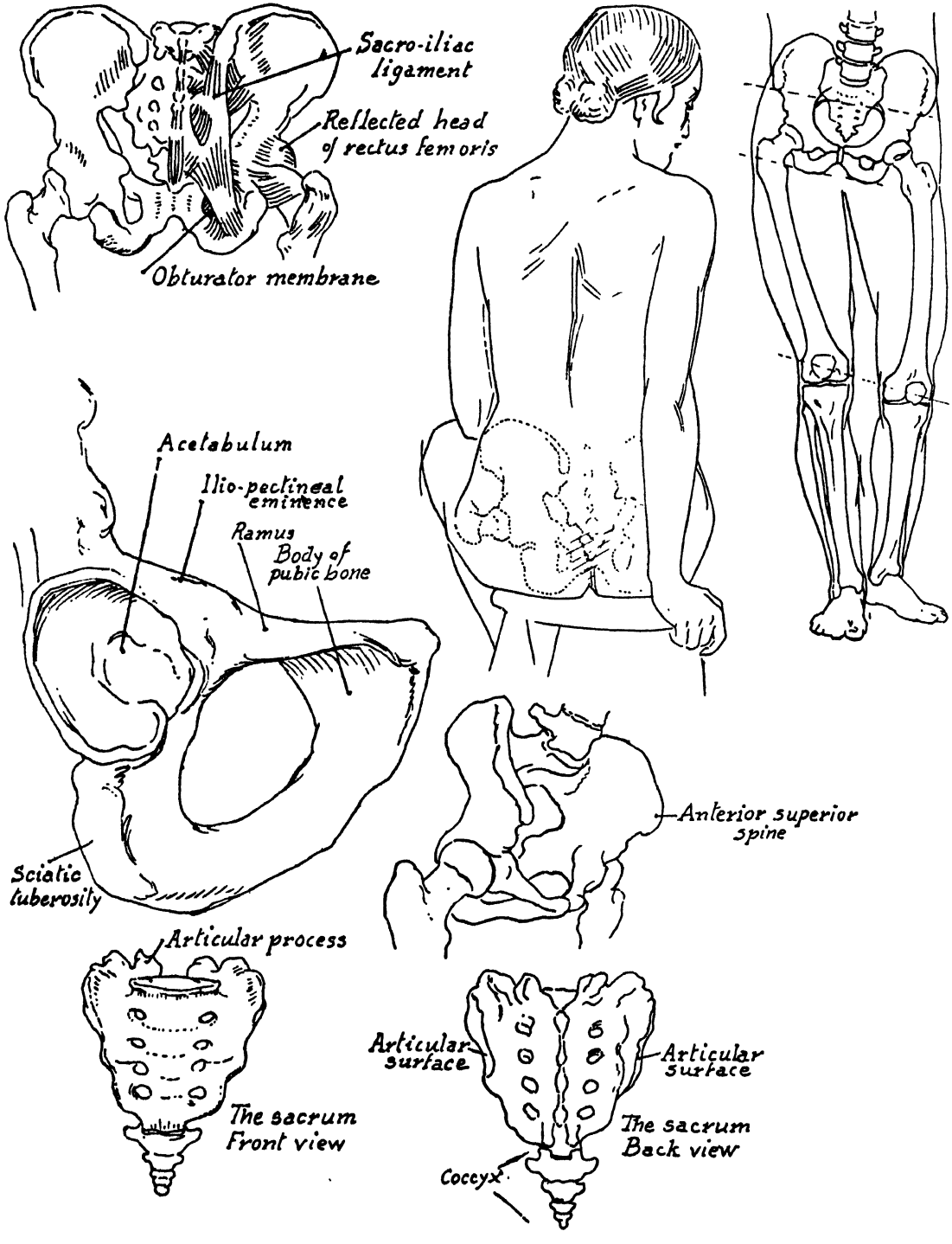

Rhomboideus minor
Rhomboideus major
Supra-spinatus
Infra-spinatus
Teres minor
Teres major
Erector spinae (deep muscle)
Reflected head of rectus femoris ligaments
Supraspinatus
Trapezius
Levator Scapula
Deltoid
Triceps
Teres minor
Infraspinatus
Rhomboideus minor
Teres major
Rhomboideus major
Lower fibres of Trapezius
Serratus magnus
Rhomboideus major
Pectoralis minor

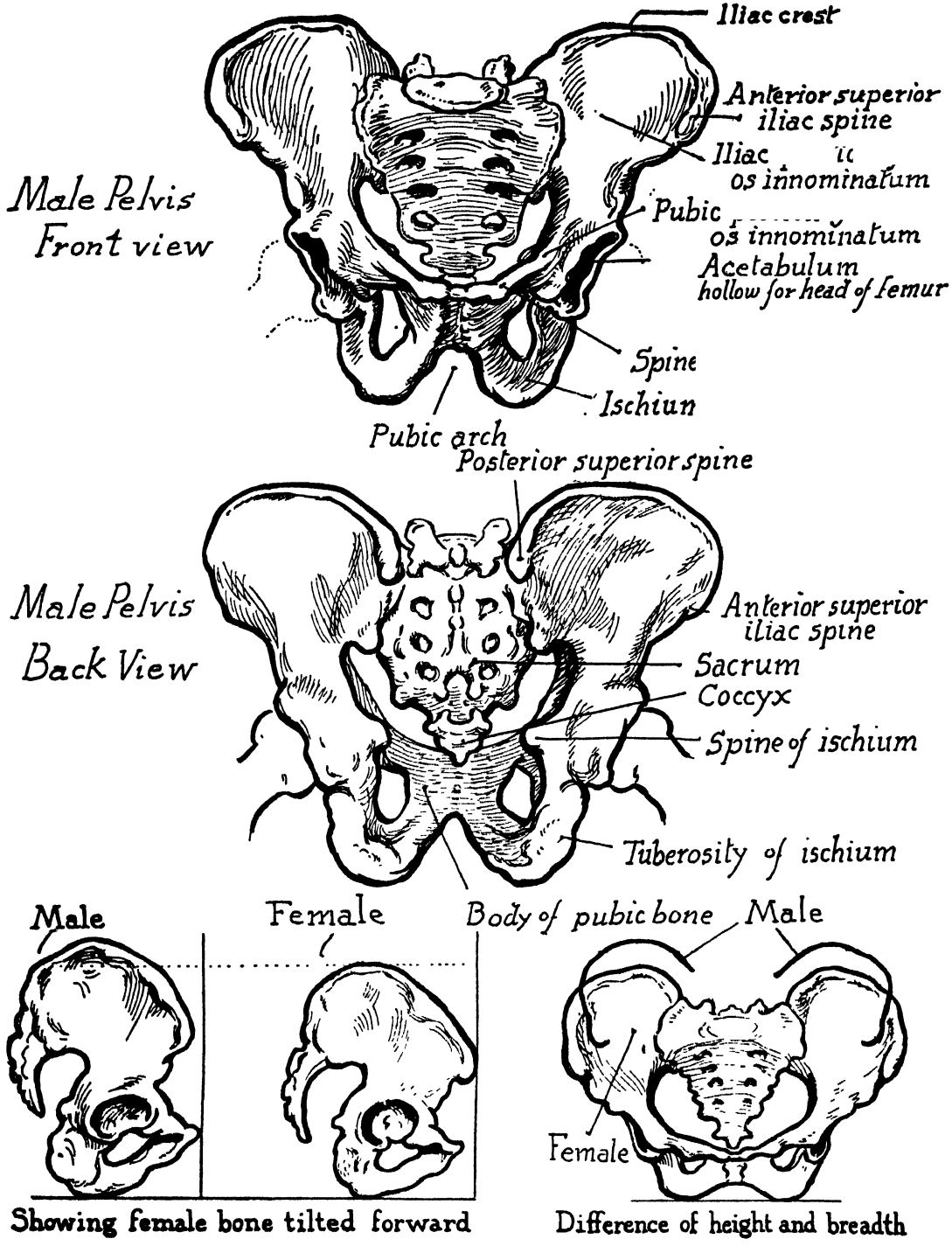

Supinator longus
Extensor carpi radialis longus
Extensor carpi radialis brevis
Extensor communis digitorum
Abductor pollicis longus
Extensor pollicis brevis
Extensor pollicis longus
Extensor carpi ulnaris
Extensor digiti quinti
Flexor carpi ulnaris
Extensor pollicis longus
Extensor pollicis brevis
Abductor pollicis longus
Anconeus
Extensor communis digit.
Extensor carpi radialis brevis
Brachialis anticus
Biceps
Gluteus medius
Gluteus maximus
Tensor femoris
Sterno mastoid
Trapezius
Deltoid
Infra-spinatus
Teres minor
Teres major
Triceps
External oblique
Rectus femoris
Vastus internus
Patella
Sartorius
Gracilis
Semi-membranosus
Adductor magnus
Semi-tendinosus
Gastrocnemius
Soleus
Flexor longus digitorum
Tibialis posticus
Tibialis anticus
Gastrocnemius
Soleus
Peroneus brevis
Peroneus longus

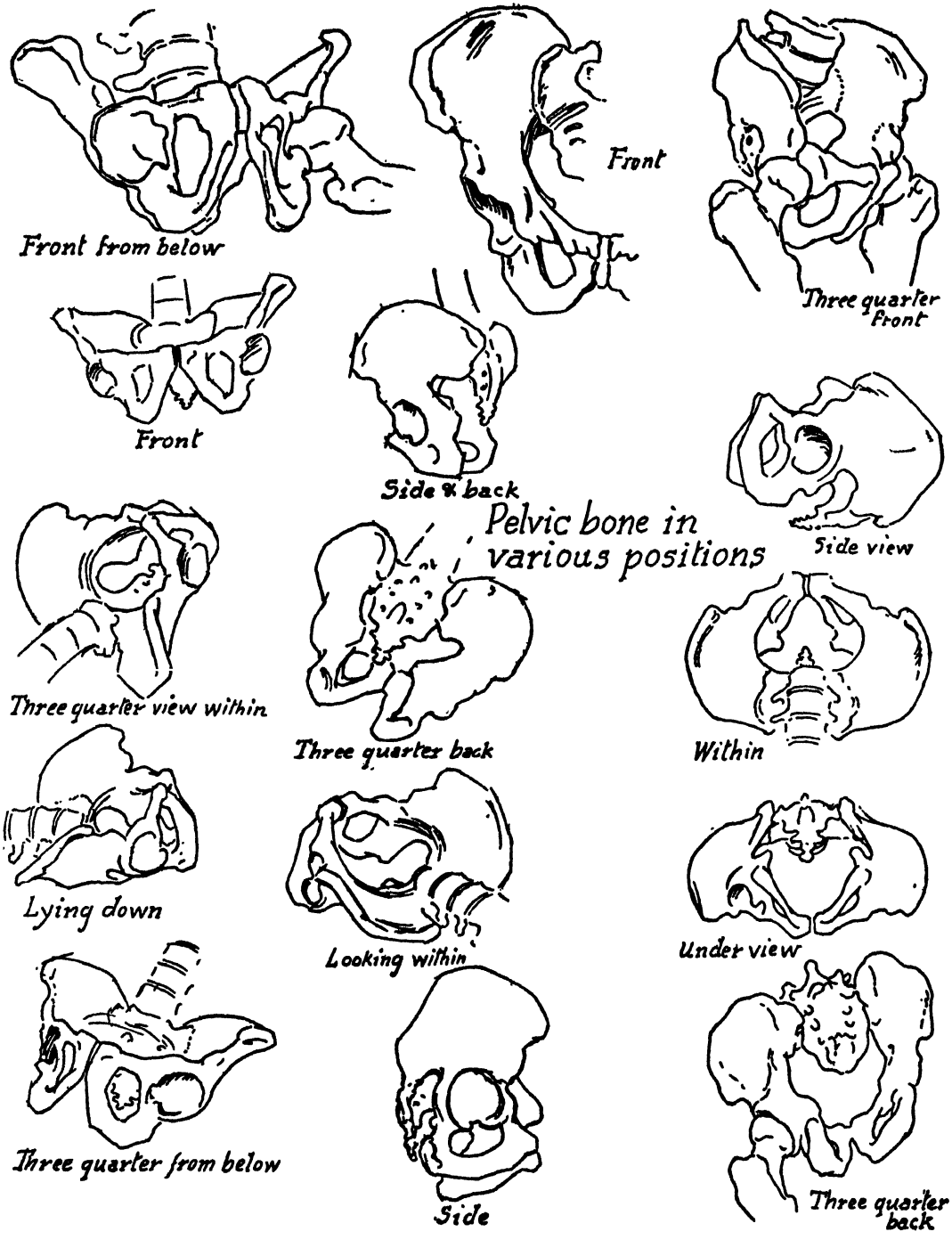

Levator scapula
Rhomboideus
major & minor
Erector
Spinae
Trapezius
Infra-Spinatus
Teres major
Deltoid
Triceps
Latissimus dorsi
Complexus muscle
Splenius muscle
Scapula
Erector spinae
MUSCLES
of the BACK
Victor Perard

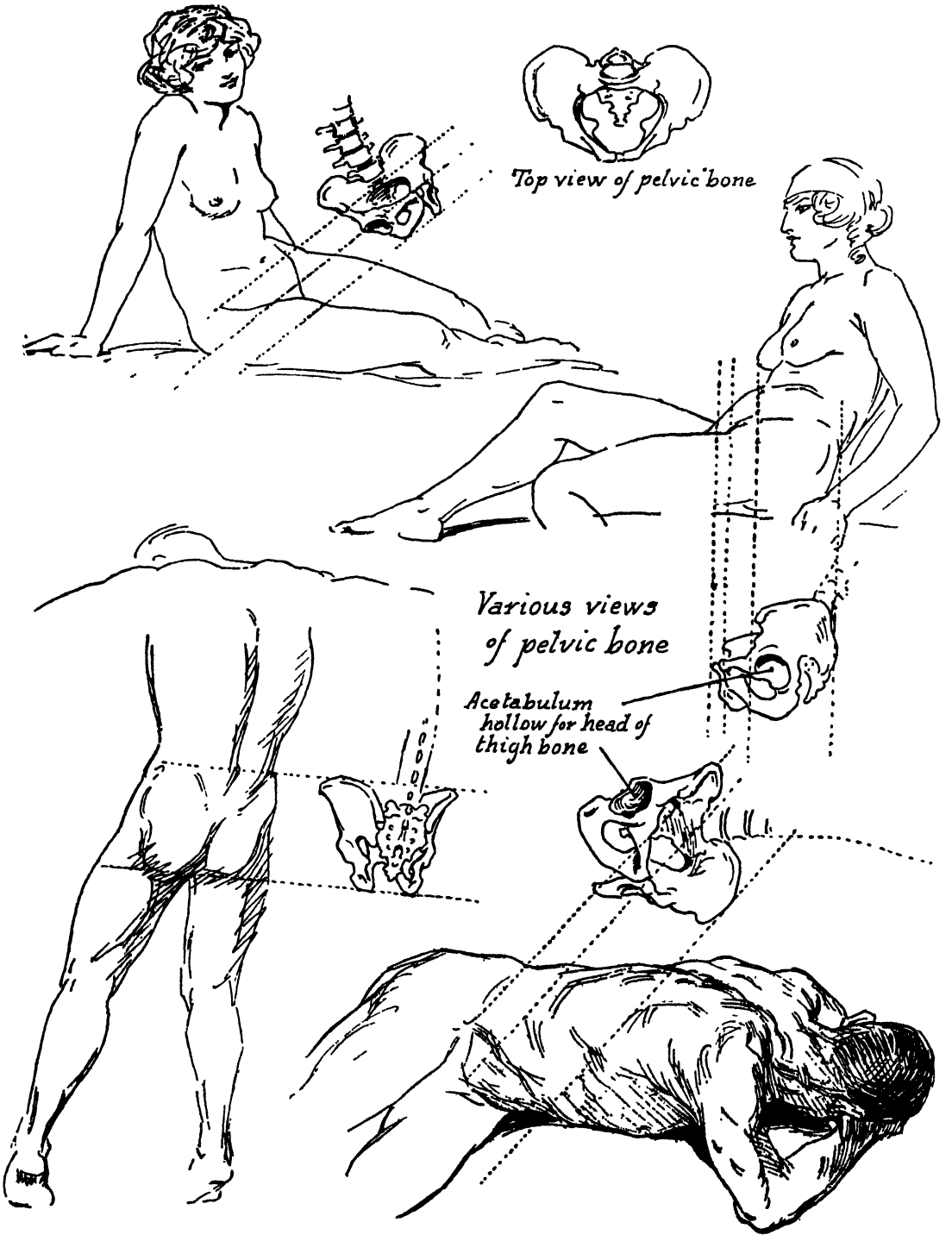

Infra-s
Latissimus dorsi
Erector spinae (covered by latissimus dorsi and trapezi...
Trapezius
Ligamentum nuchae
External oblique
External oblique
No 1
Rectus abdominis
External oblique
No 2
No 3
Internus abdominis
Transversus abdominis underlying No 1
underlying No 2

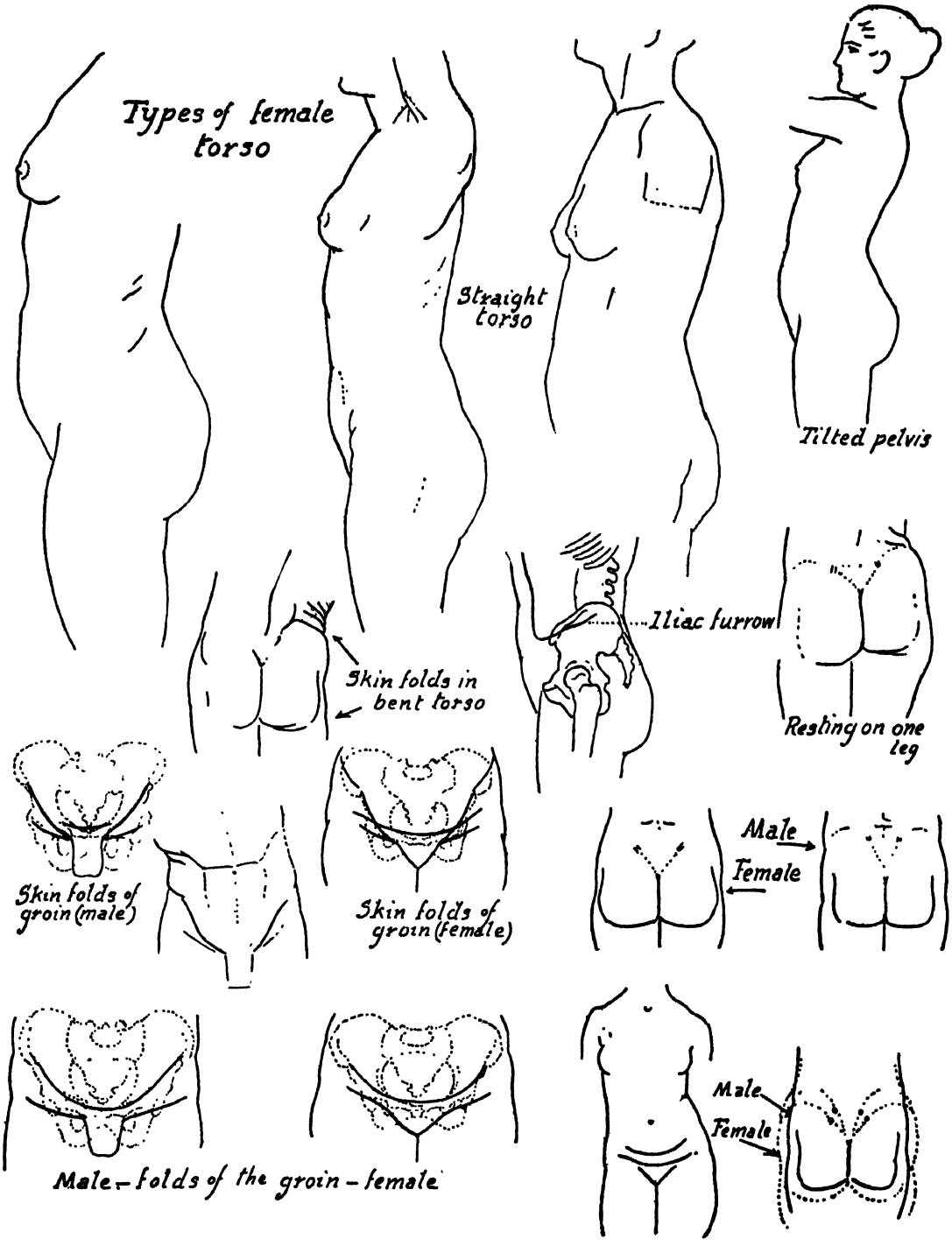

Sterno-mastoid
Pectoral minor
Pectoral major (clavicular fibres)
Pectoral major (sternal fibres)
Serratus magnus
Linea alba
Lineae transversae
External oblique
Umbilicus
Rectus abdominis
Poupart's ligament
External intercostal
Rectus abdominis
Planes
Ligaments of the sterno-clavicular and scapular joints

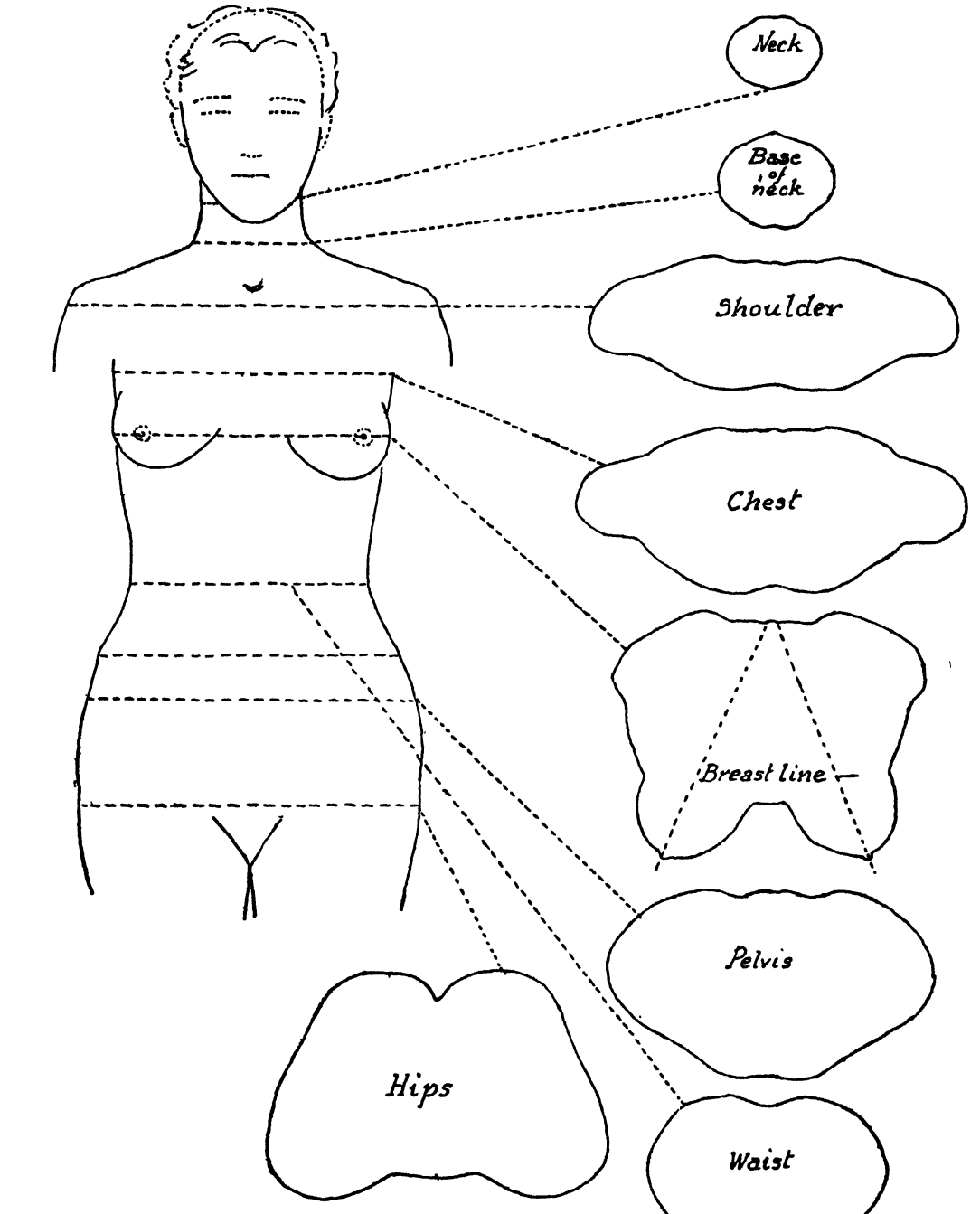

Sacro-iliac ligament
Reflected head of rectus femoris
Obturator membrane
Acetabulum
Ilio-pectineal eminence
Ramus
Body of pubic bone
Sciatic tuberosity
Anterior superior spine
Articular process
The sacrum Front view
Articular surface
Articular surface
The sacrum Back view
Coccyx


Male Pelvis
Front view
Iliac crest
Anterior superior iliac spine
Iliac
os innominatum
Pubic
os innominatum
Acetabulum
hollow for head of femur
Spine
Ischium
Pubic arch
Male Pelvis
Back View
Posterior superior spine
Anterior superior iliac spine
Sacrum
Coccyx
Spine of ischium
Tuberosity of ischium
Male
Female
Body of pubic bone
Male
Female
Showing female bone tilted forward
Difference of height and breadth

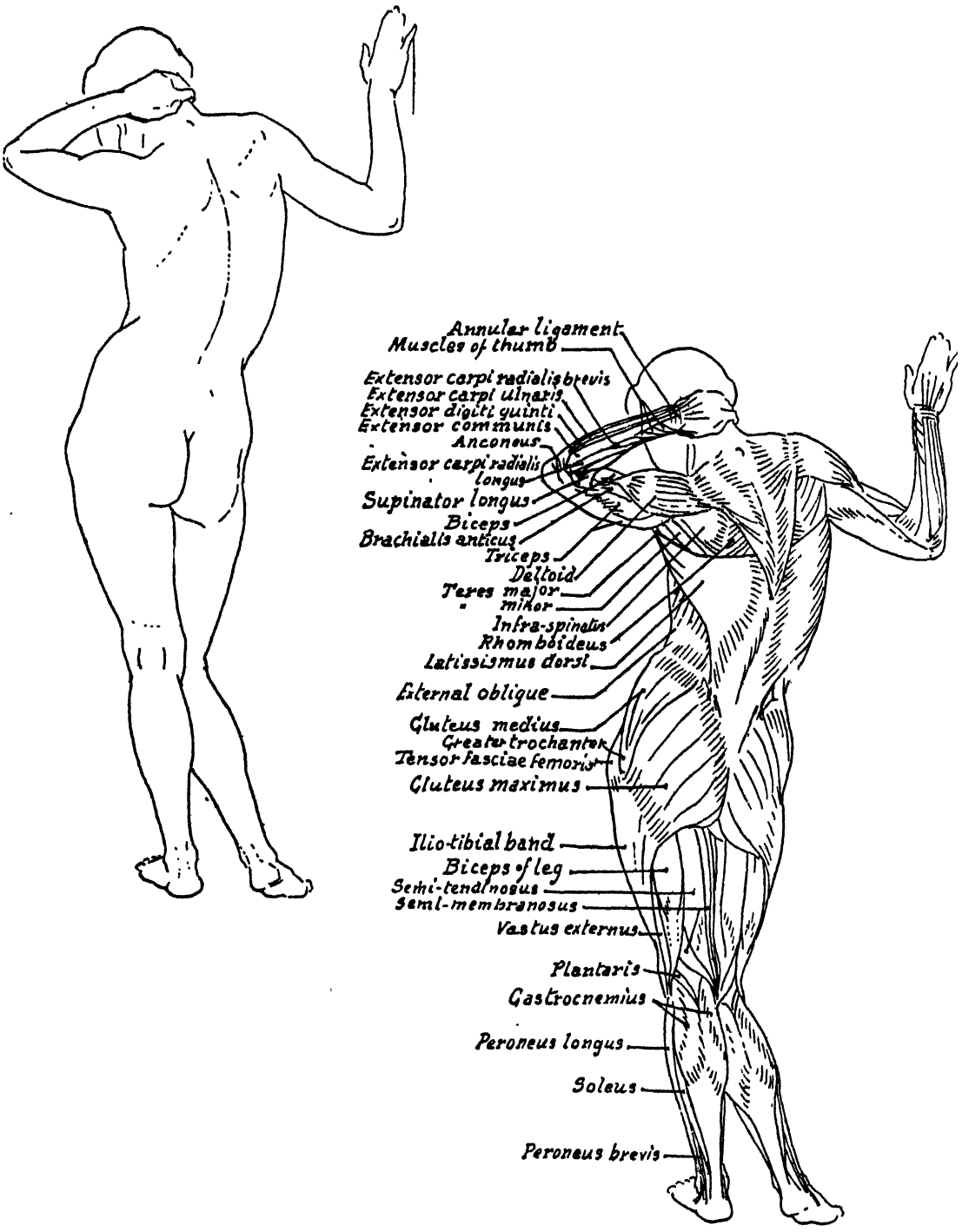

Front from below
Front
Three quarter Front
Front
Side & back
Side view
Pelvic bone in various positions
Three quarter view within
Three quarter back
Within
Lying down
Looking within
Under view
Three quarter from below
Side
Three quarter back

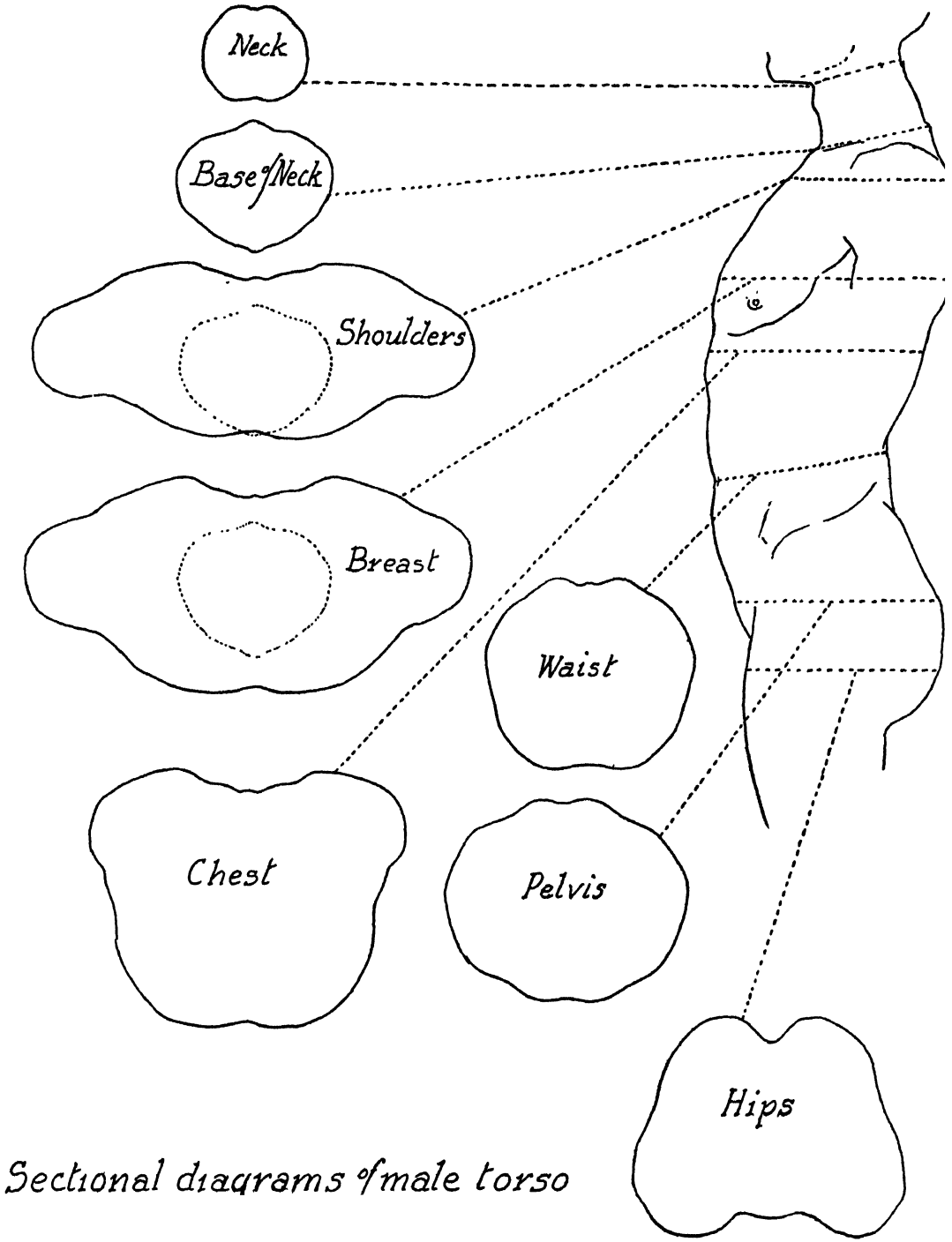

Top view of pelvic bone
Various views of pelvic bone
Acetabulum hollow for head of thigh bone


Types of female torso
Straight torso
Tilted pelvis
Skin folds in bent torso
Iliac furrow
Resting on one leg
Skin folds of groin (male)
Skin folds of groin (female)
Male
Female
Male - folds of the groin - female
Male
Female



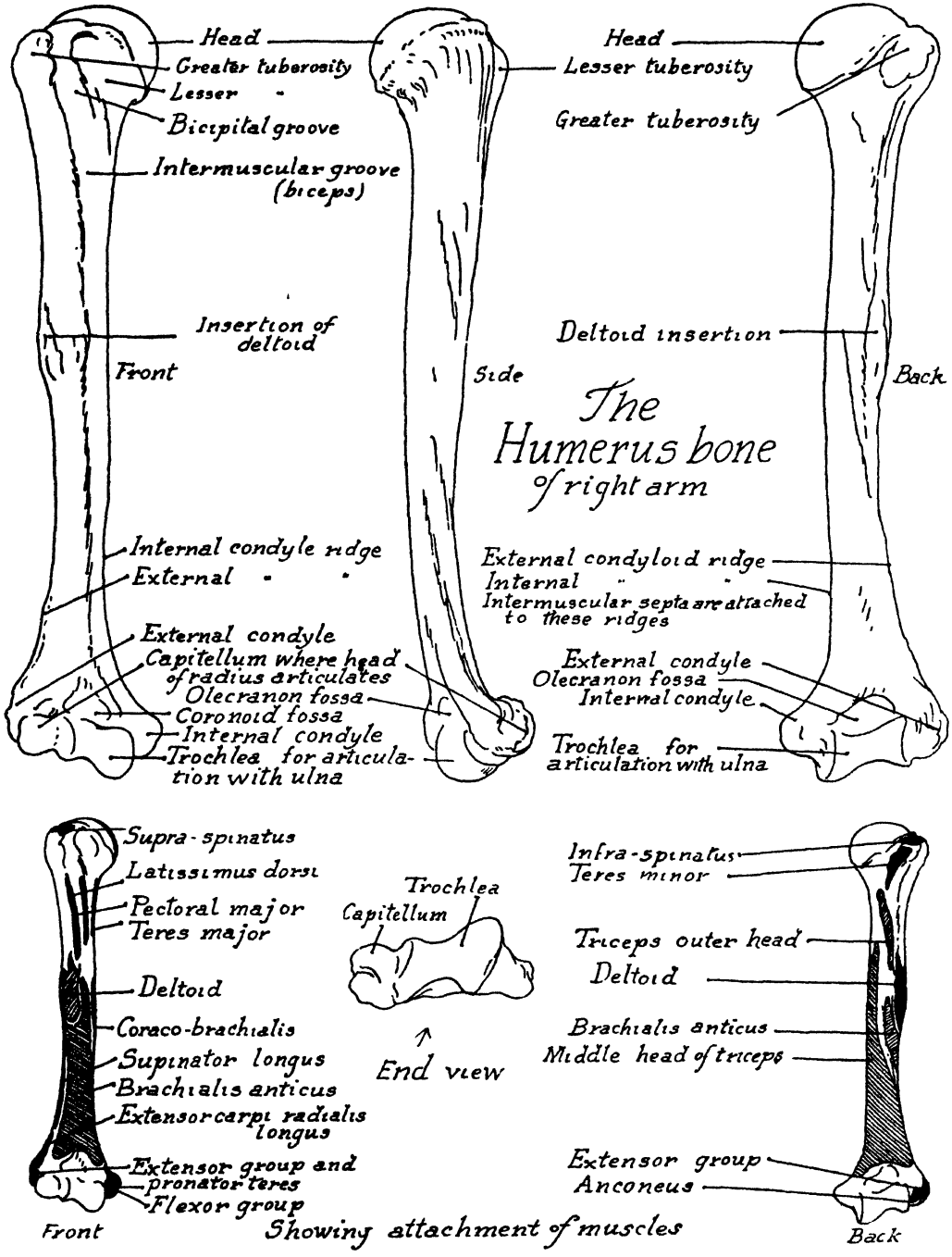
Sectional diagrams of female torso


Annular ligament
Muscles of thumb
Extensor carpi radialis brevis
Extensor carpi ulnaris
Extensor digiti quinti
Extensor communis
Anconeus
Extensor carpi radialis longus
Supinator longus
Biceps
Brachialis anticus
Triceps
Deltoid
Teres major
minor
Infra-spinatus
Rhomboideus
Latissimus dorsi
External oblique
Gluteus medius
Greater trochanter
Tensor fasciae femoris
Gluteus maximus
Ilio-tibial band
Biceps of leg
Semi-tendinosus
Semi-membranosus
Vastus externus
Plantaris
Gastrocnemius
Peroneus longus
Soleus
Peroneus brevis



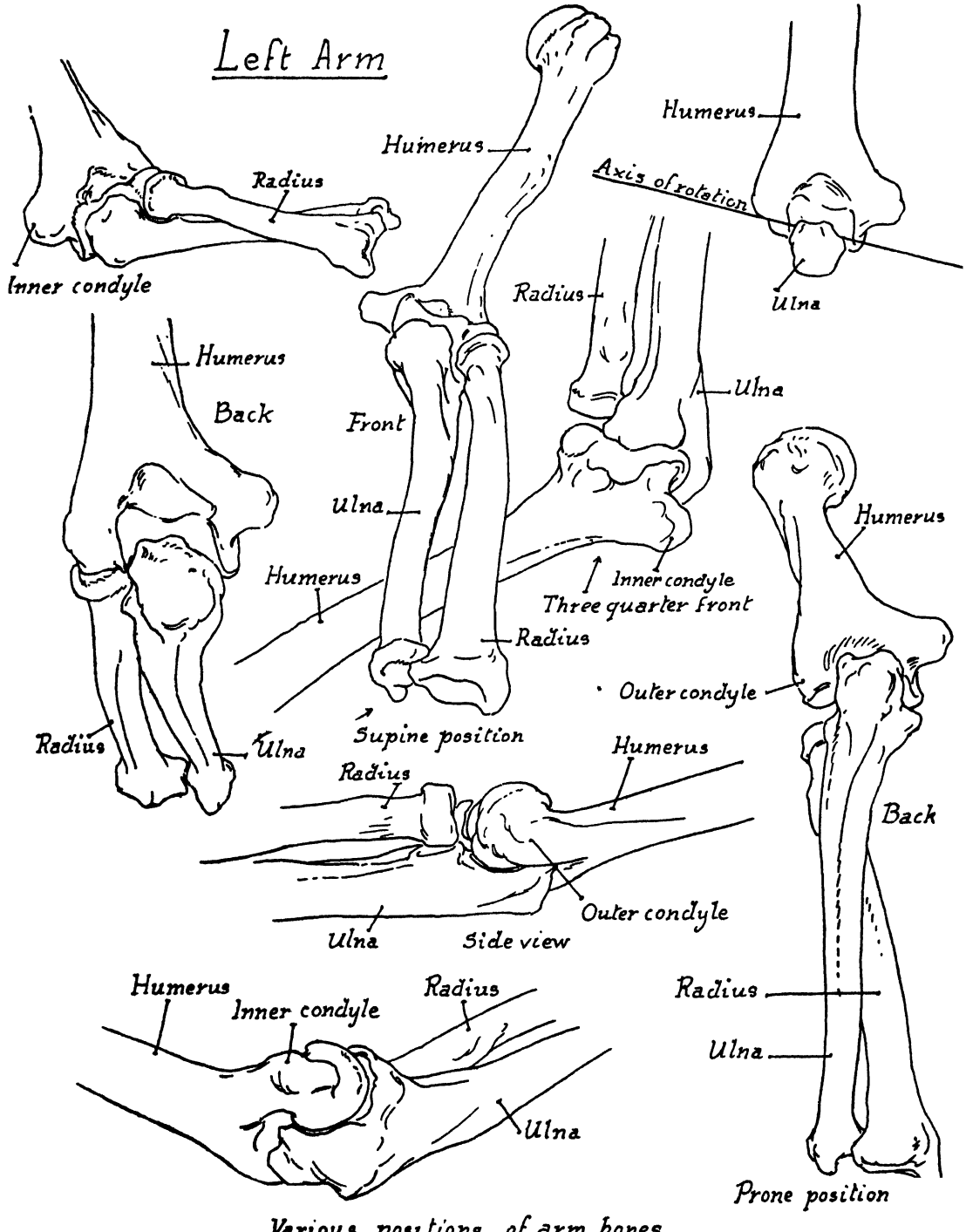
Sectional diagrams of male torso

PART V
THE ARM

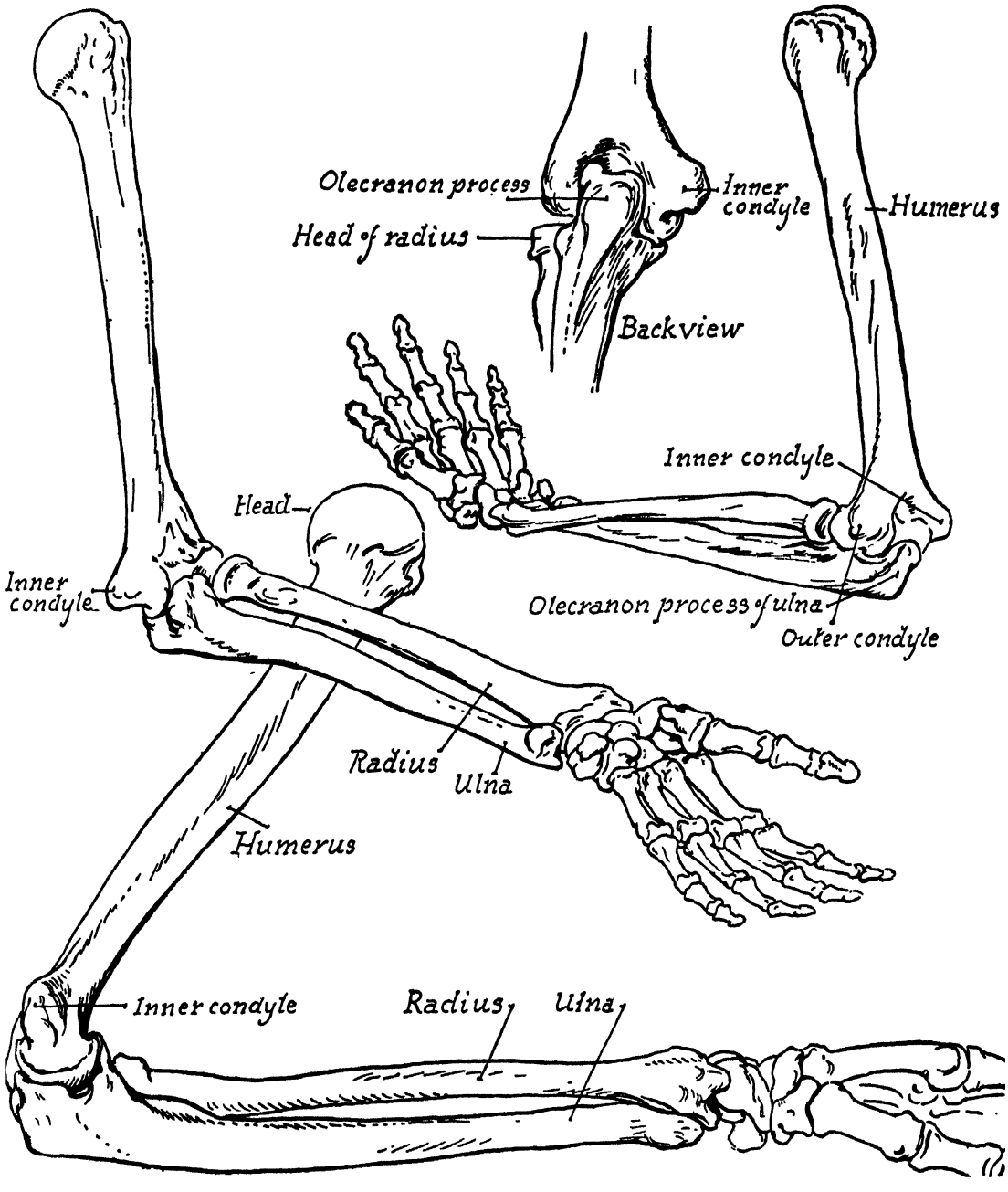


The Humerus bone of right arm

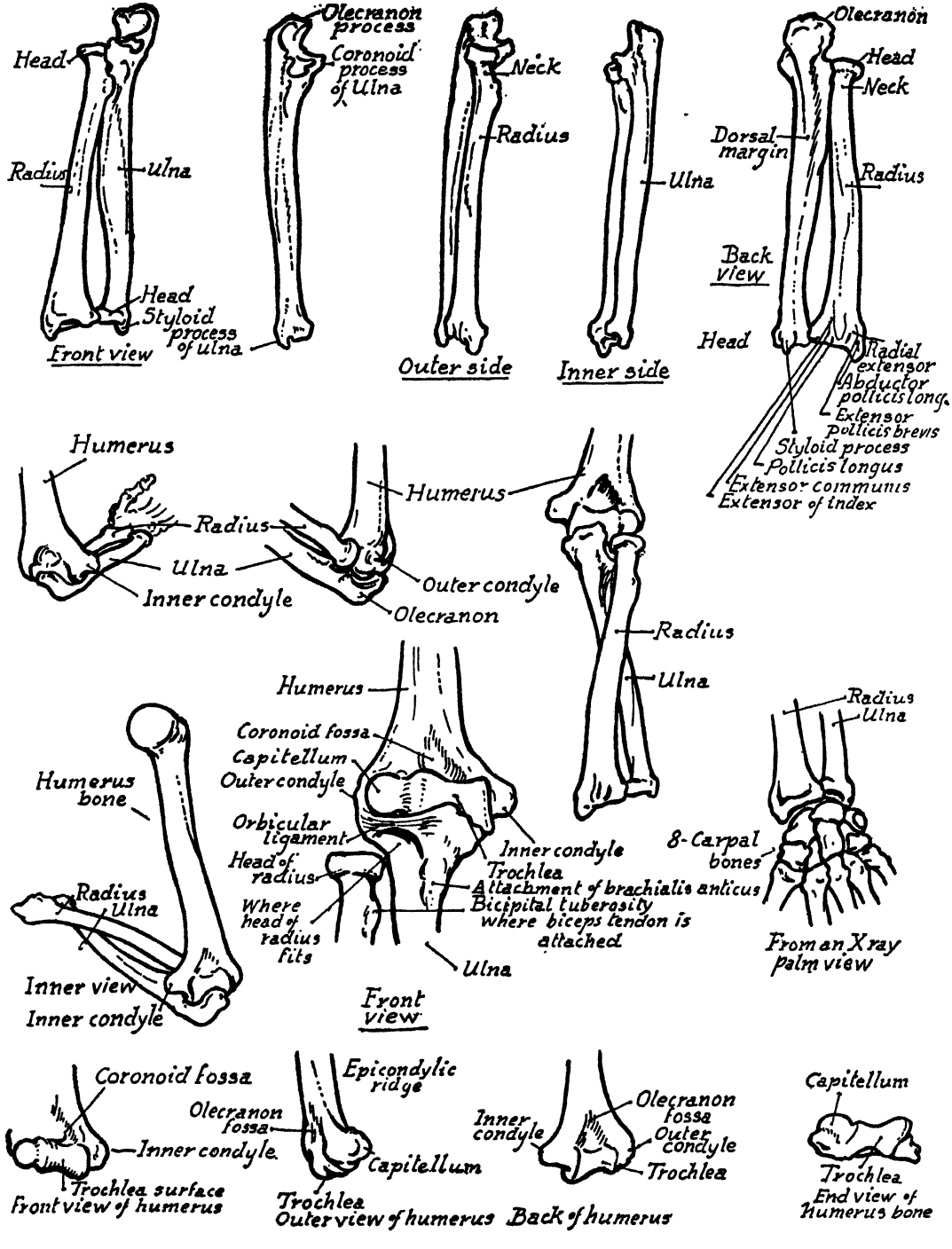
Showing attachment of muscles

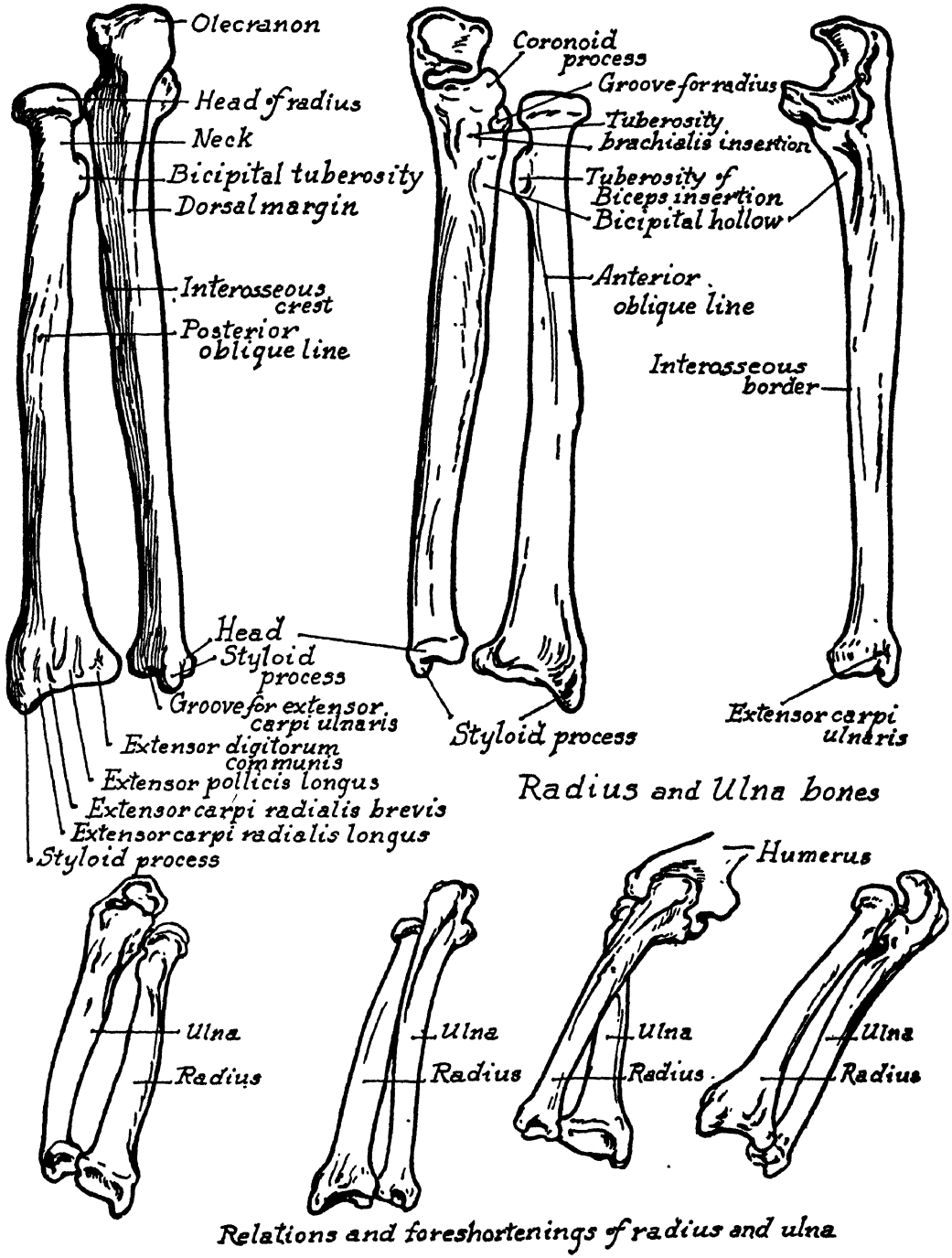


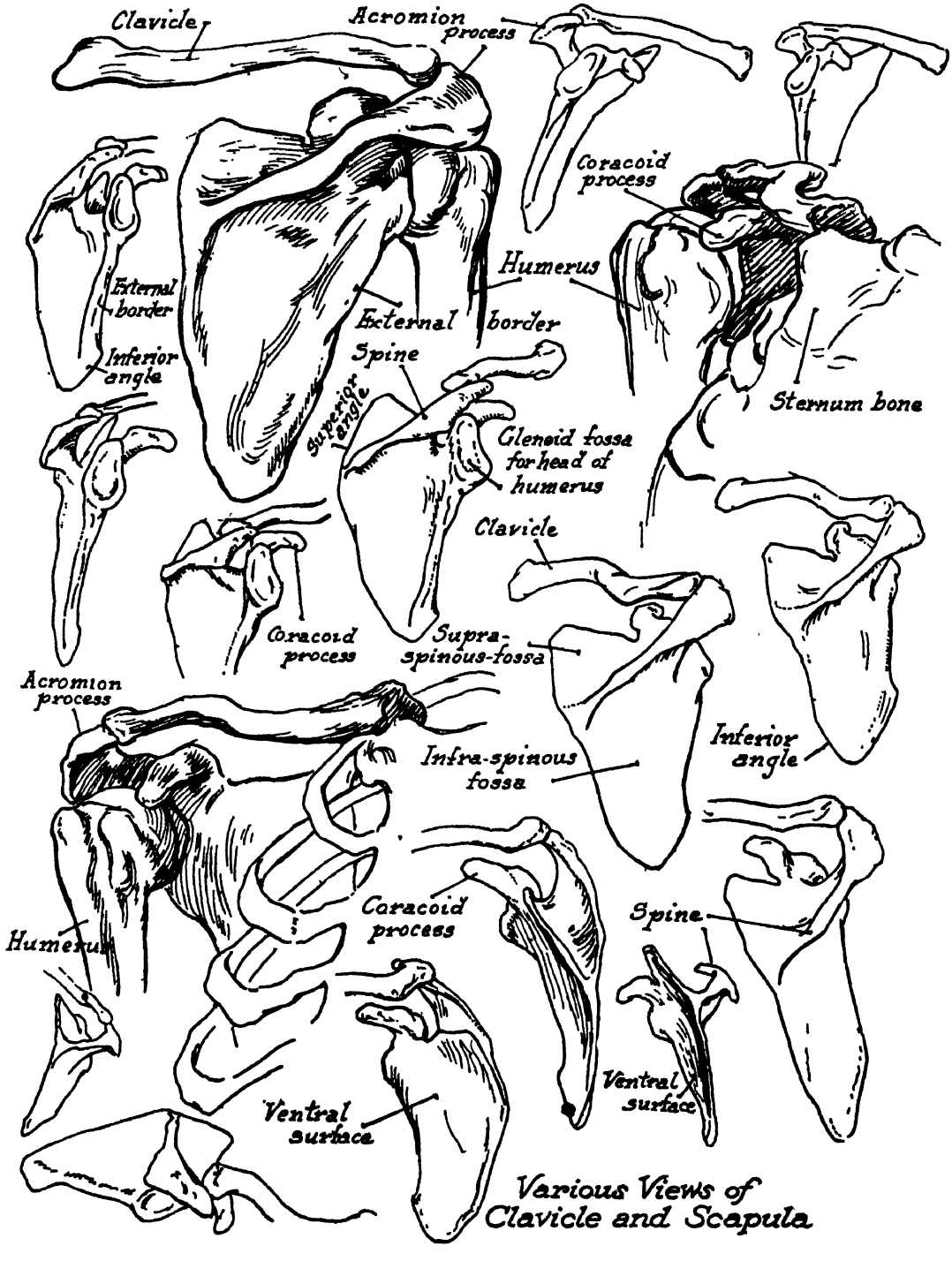
Various positions of arm bones



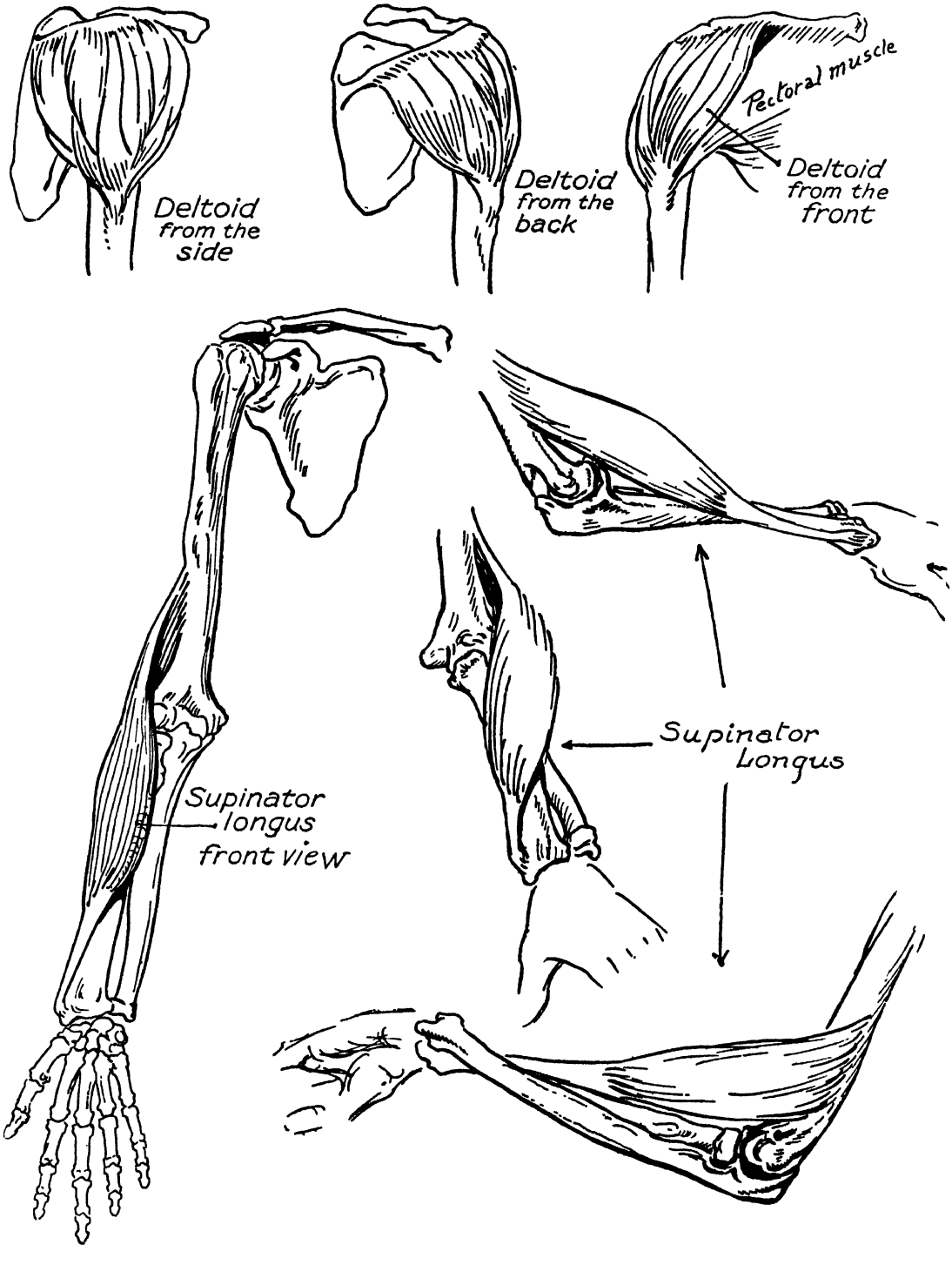
Bones of Arm and Hand

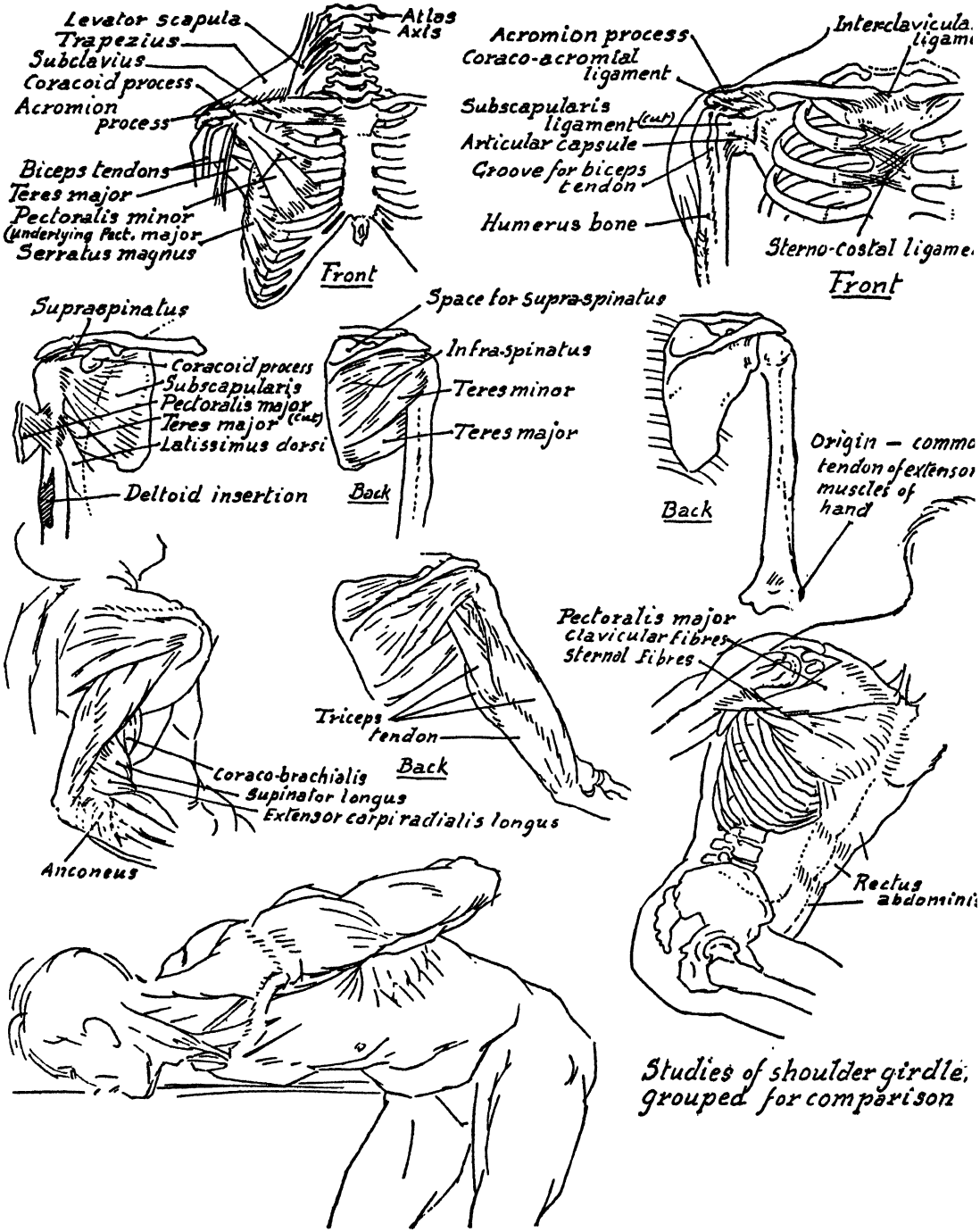

Head
Radius
Ulna
Head
Styloid process of ulna
Front view
Olecranon process
Coronoid process of Ulna
Neck
Radius
Outer side
Ulna
Inner side
Olecranon
Head
Neck
Dorsal margin
Radius
Back view
Head
Radial extensor
Abductor pollicis long.
Extensor Pollicis brevis
Styloid process
Pollicis longus
Extensor communis
Extensor of index
Humerus
Radius
Ulna
Inner condyle
Humerus
Outer condyle
Olecranon
Humerus
Radius
Ulna
Humerus bone
Radius
Ulna
Inner view
Inner condyle
Humerus
Coronoid fossa
Capitellum
Outer condyle
Orbicular ligament
Head of radius
Where head of radius fits
Inner condyle
Trochlea
Attachment of brachialis anticus
Bicipital tuberosity where biceps tendon is attached
Ulna
Front view
Radius
Ulna
8-Carpal bones
From an X ray palm view
Coronoid fossa
Inner condyle
Trochlea surface
Front view of humerus
Epicondylic ridge
Olecranon fossa
Capitellum
Trochlea
Outer view of humerus
Inner condyle
Olecranon fossa
Outer condyle
Trochlea
Back of humerus
Capitellum
Trochlea
End view of Humerus bone

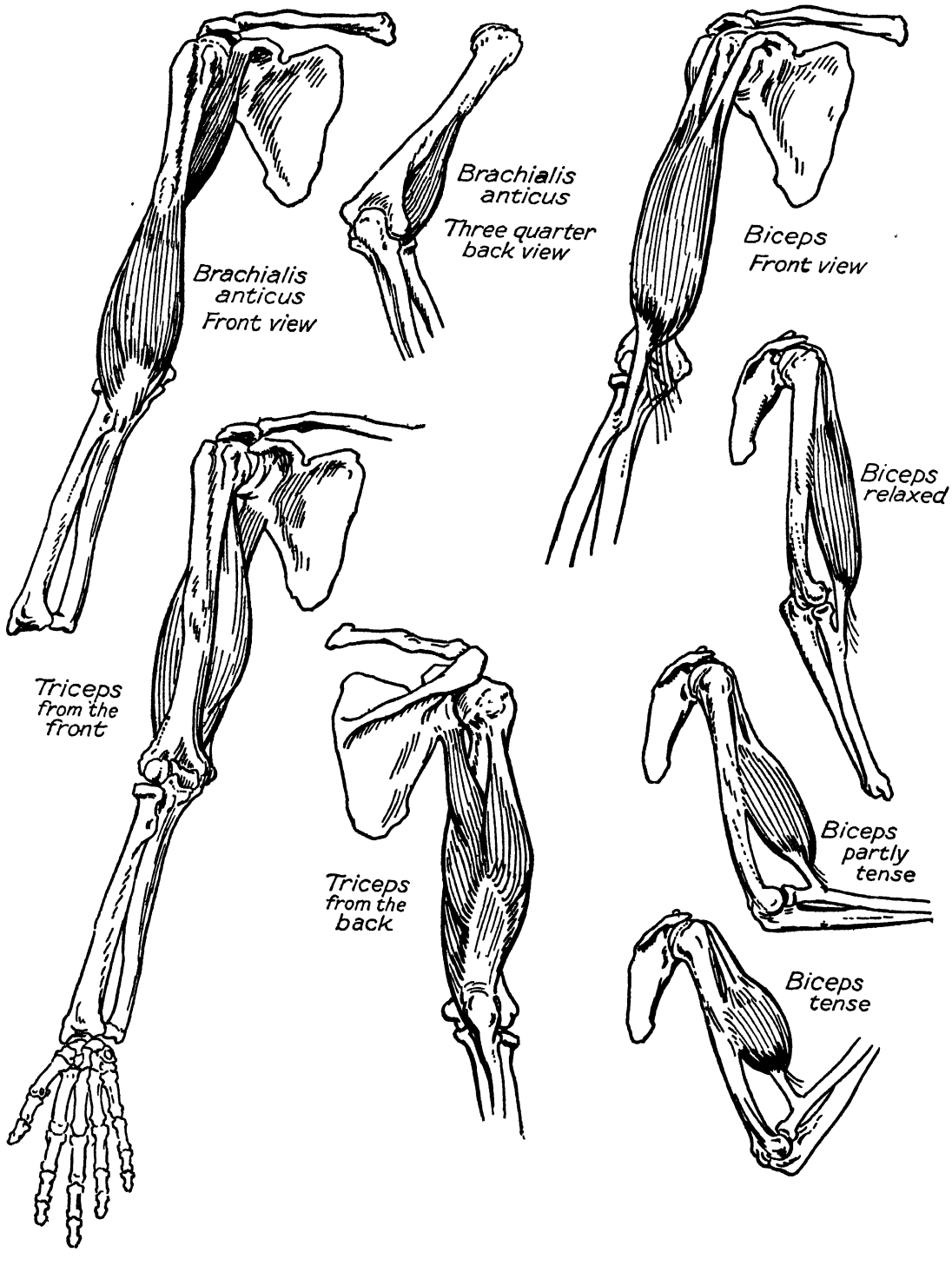

Olecranon
Head of radius
Neck
Bicipital tuberosity
Dorsal margin
Interosseous crest
Posterior oblique line
Head
Styloid process
Groove for extensor carpi ulnaris
Extensor digitorum communis
Extensor pollicis longus
Extensor carpi radialis brevis
Extensor carpi radialis longus
Styloid process
Coronoid process
Groove for radius
Tuberosity brachialis insertion
Tuberosity of Biceps insertion
Bicipital hollow
Anterior oblique line
Styloid process
Interosseous border
Extensor carpi ulnaris
Radius and Ulna bones
Ulna
Radius
Ulna
Radius
Humerus
Ulna
Radius
Ulna
Radius
Relations and foreshortenings of radius and ulna

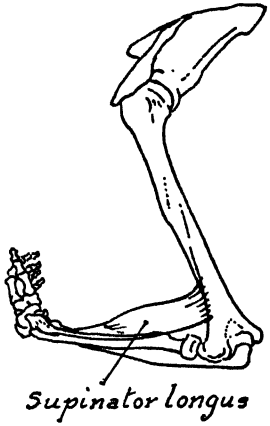


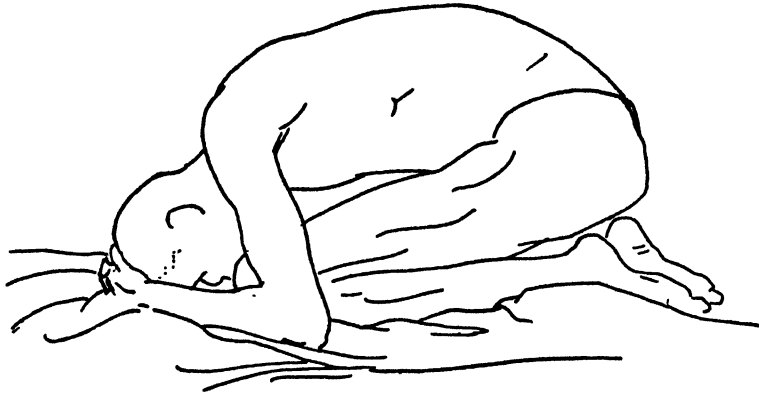
Various Views of Clavicle and Scapula

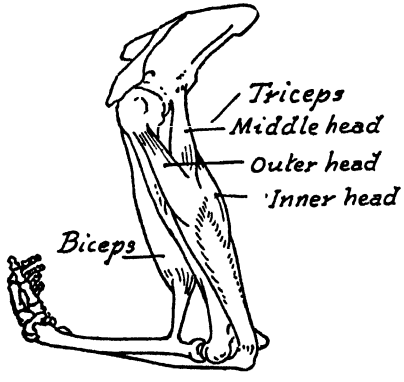

Deltoid from the side
Deltoid from the back
Pectoral muscle
Deltoid from the front
Supinator longus front view
Supinator Longus

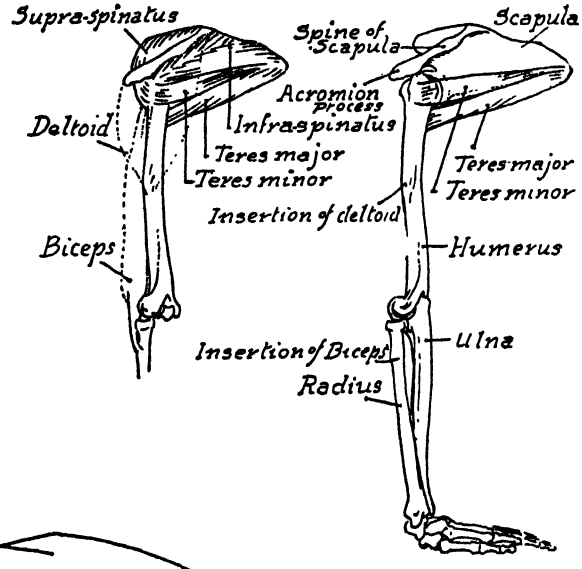

Levator scapula
Trapezius
Subclavius
Coracoid process
Acromion process
Biceps tendons
Teres major
Pectoralis minor
(underlying Pect. major)
Serratus magnus
Atlas
Axis
Front
Acromion process
Coraco-acromial ligament
Subscapularis ligament (cut)
Articular capsule
Groove for biceps tendon
Humerus bone
Interclavicular ligament
Sterno-costal ligament
Front
Supraspinatus
Coracoid process
Subscapularis
Pectoralis major (cut)
Teres major
Latissimus dorsi
Deltoid insertion
Space for Supra-spinatus
Infra-spinatus
Teres minor
Teres major
Back
Back
Origin — common tendon of extensor muscles of hand
Pectoralis major
clavicular fibres
Sternal fibres
Triceps tendon
Back
Coraco-brachialis
Supinator longus
Extensor carpi radialis longus
Anconeus
Rectus abdominis
Studies of shoulder girdle, grouped for comparison

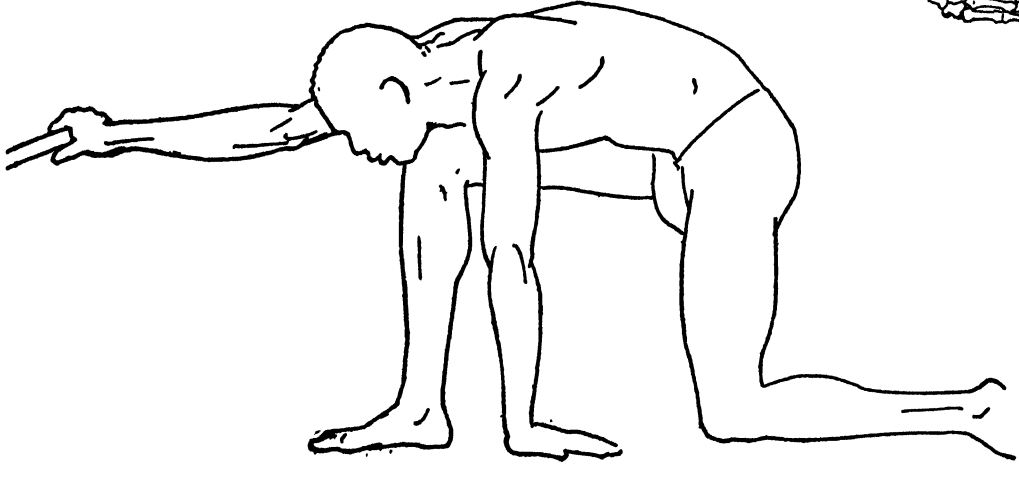

Brachialis anticus
Front view
Brachialis anticus
Three quarter back view
Biceps
Front view
Biceps relaxed
Triceps from the front
Triceps from the back
Biceps partly tense
Biceps tense

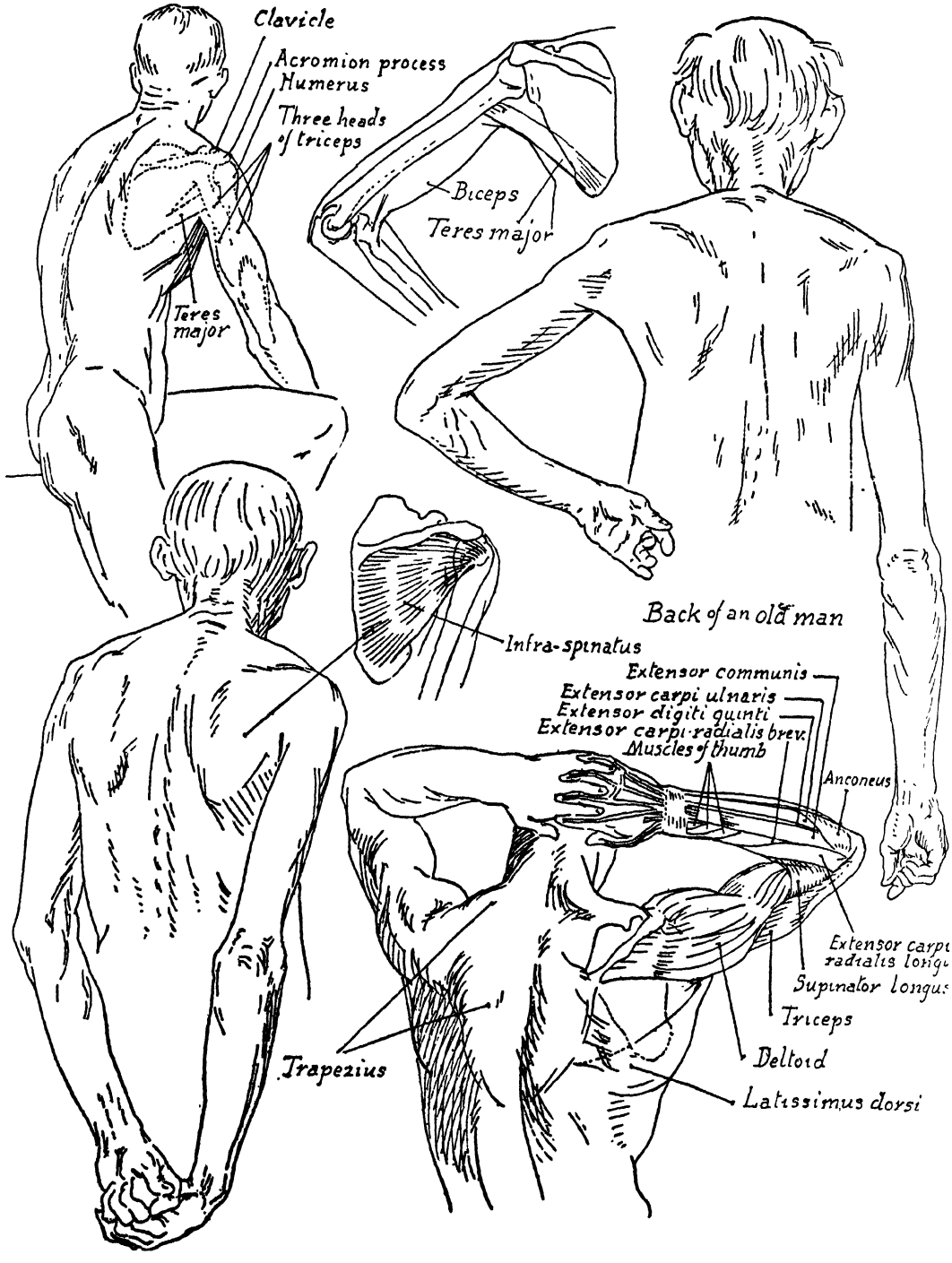

Supinator longus

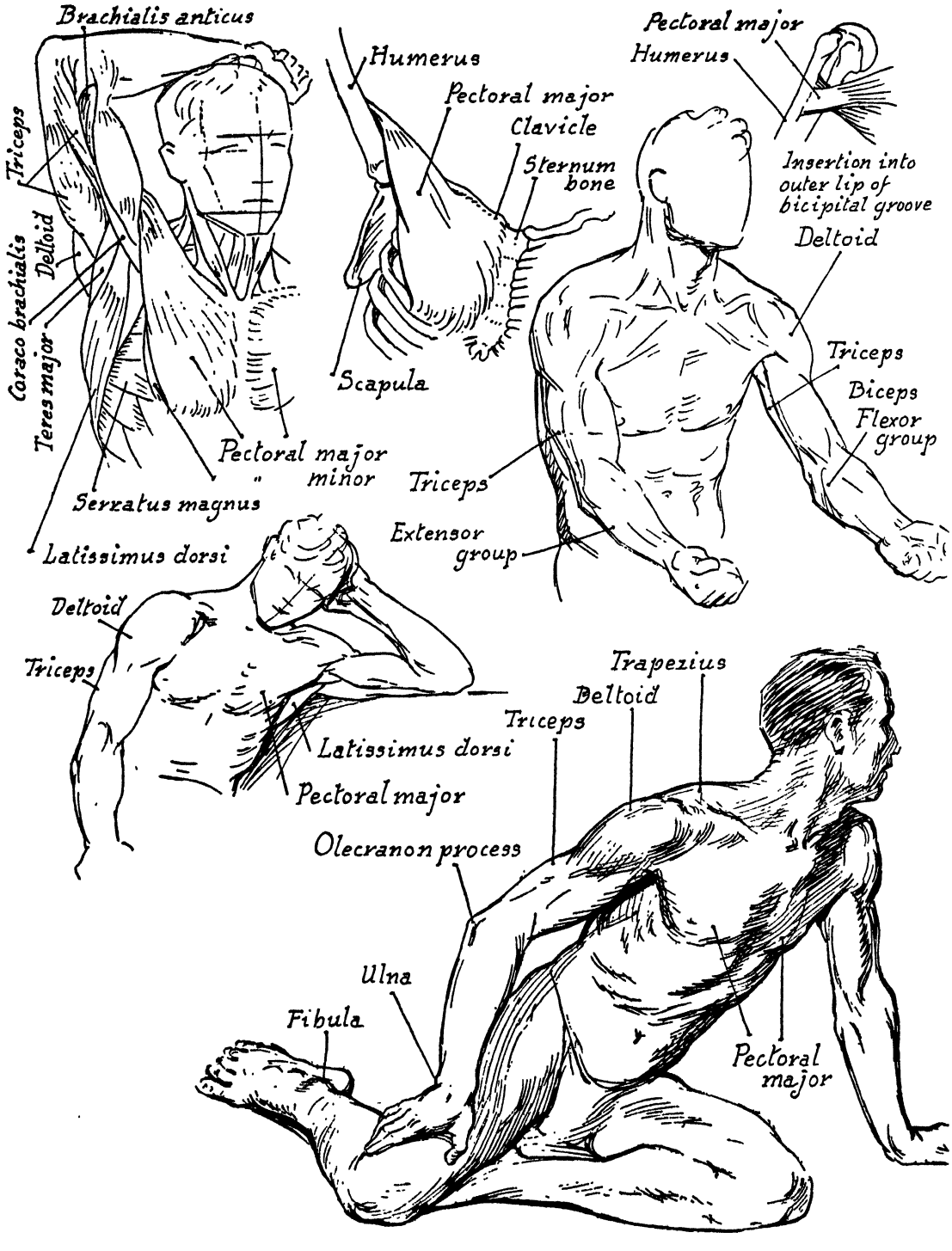


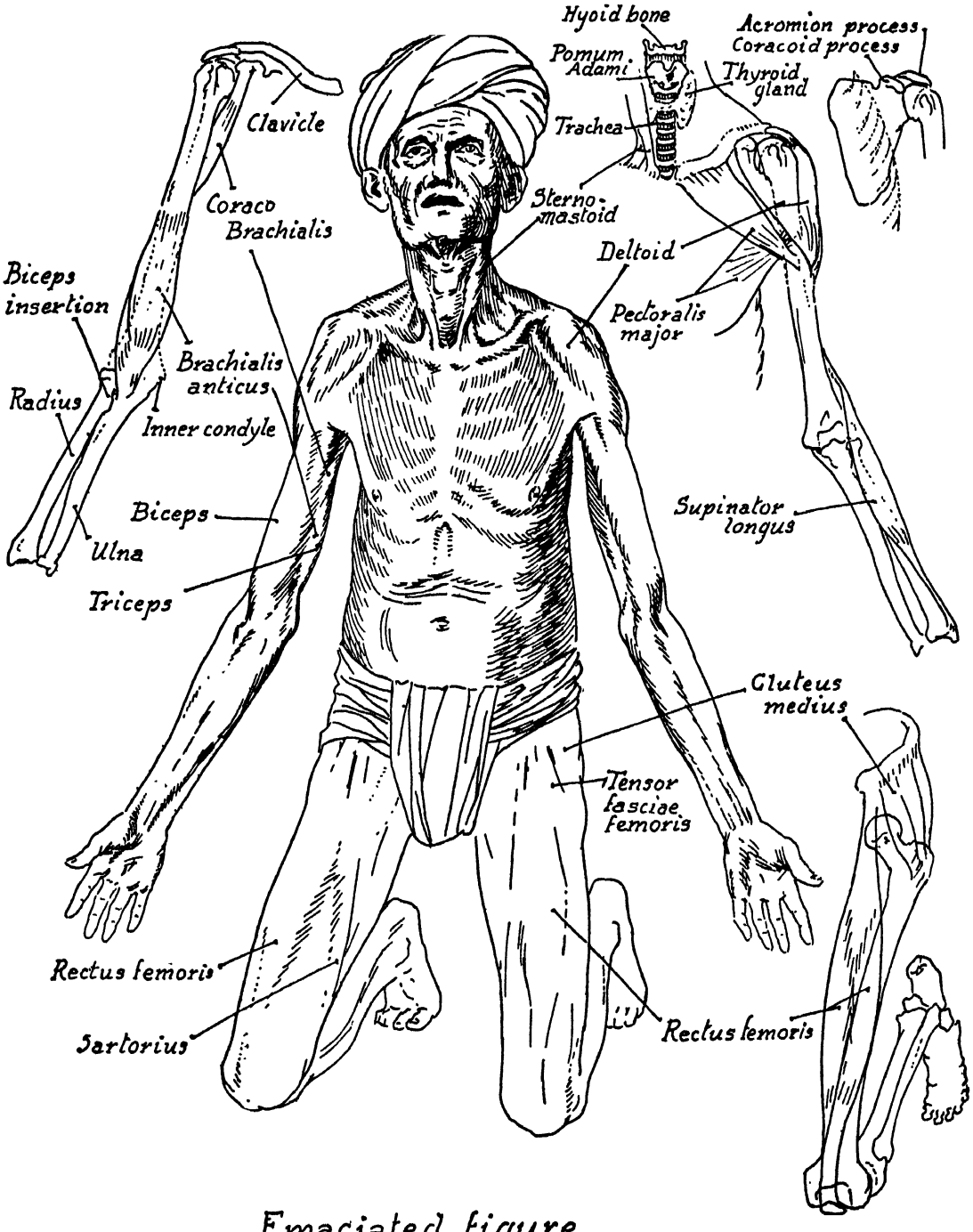

Triceps
Middle head
Outer head
Inner head
Biceps


Supra-spinatus
Spine of Scapula
Scapula
Acromion process
Deltoid
Infra-spinatus
Teres major
Teres minor
Teres major
Teres minor
Insertion of deltoid
Biceps
Humerus
Insertion of Biceps
Ulna
Radius

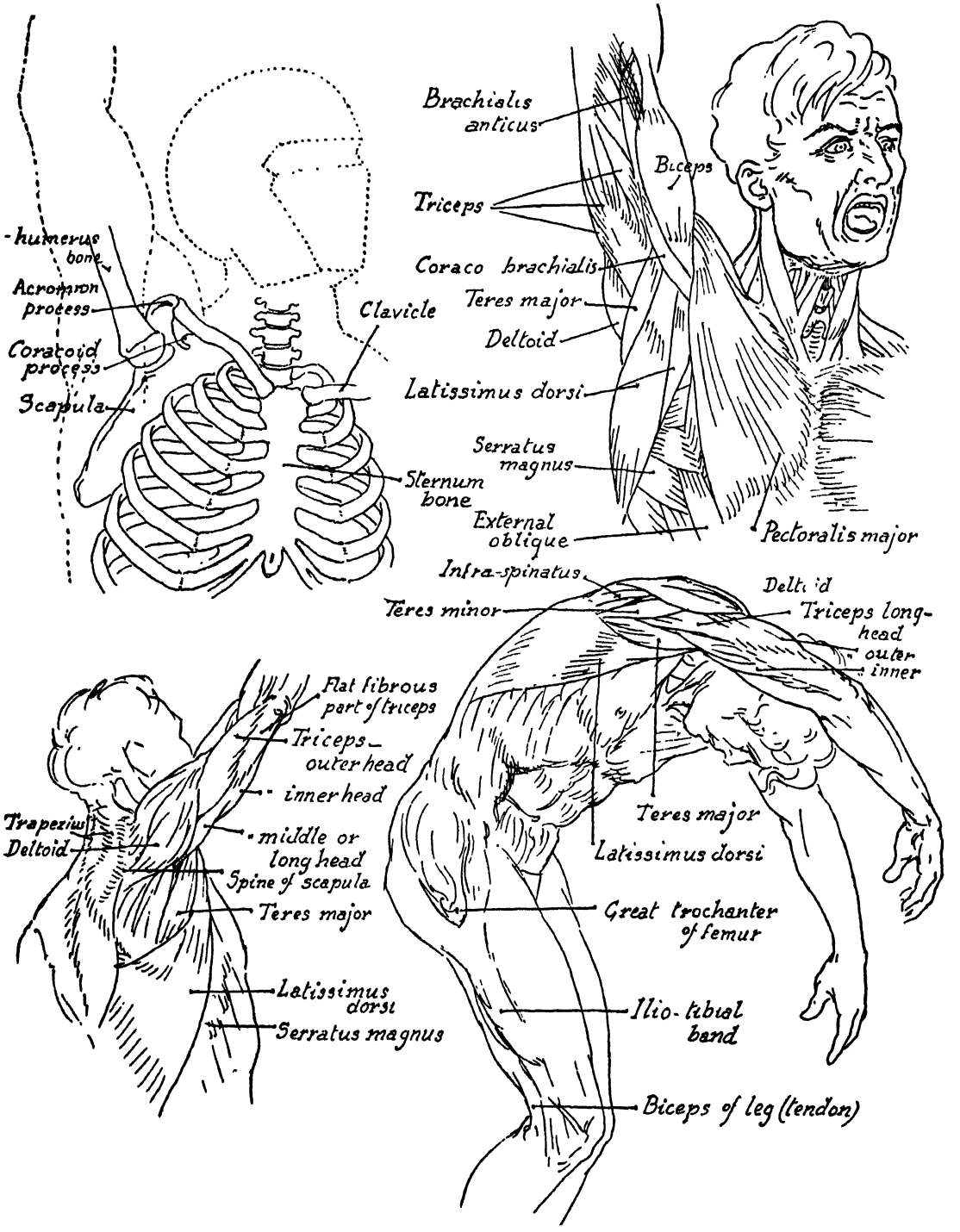


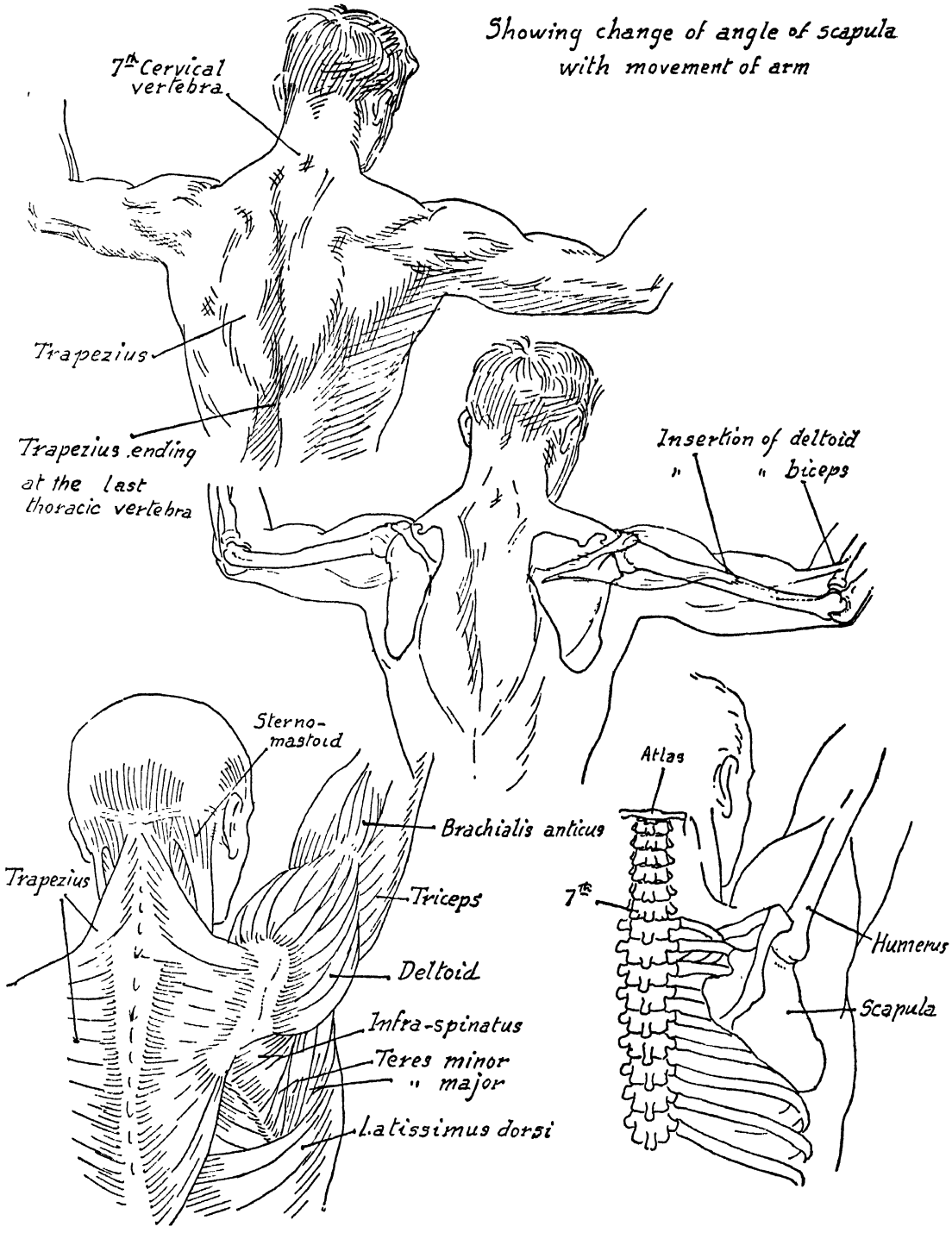

Clavicle
Acromion process
Humerus
Three heads of triceps
Teres major
Biceps
Teres major
Back of an old man
Infra-spinatus
Extensor communis
Extensor carpi ulnaris
Extensor digiti quinti
Extensor carpi radialis brev.
Muscles of thumb
Anconeus
Extensor carpi radialis longus
Supinator longus
Triceps
Deltoid
Latissimus dorsi
Trapezius

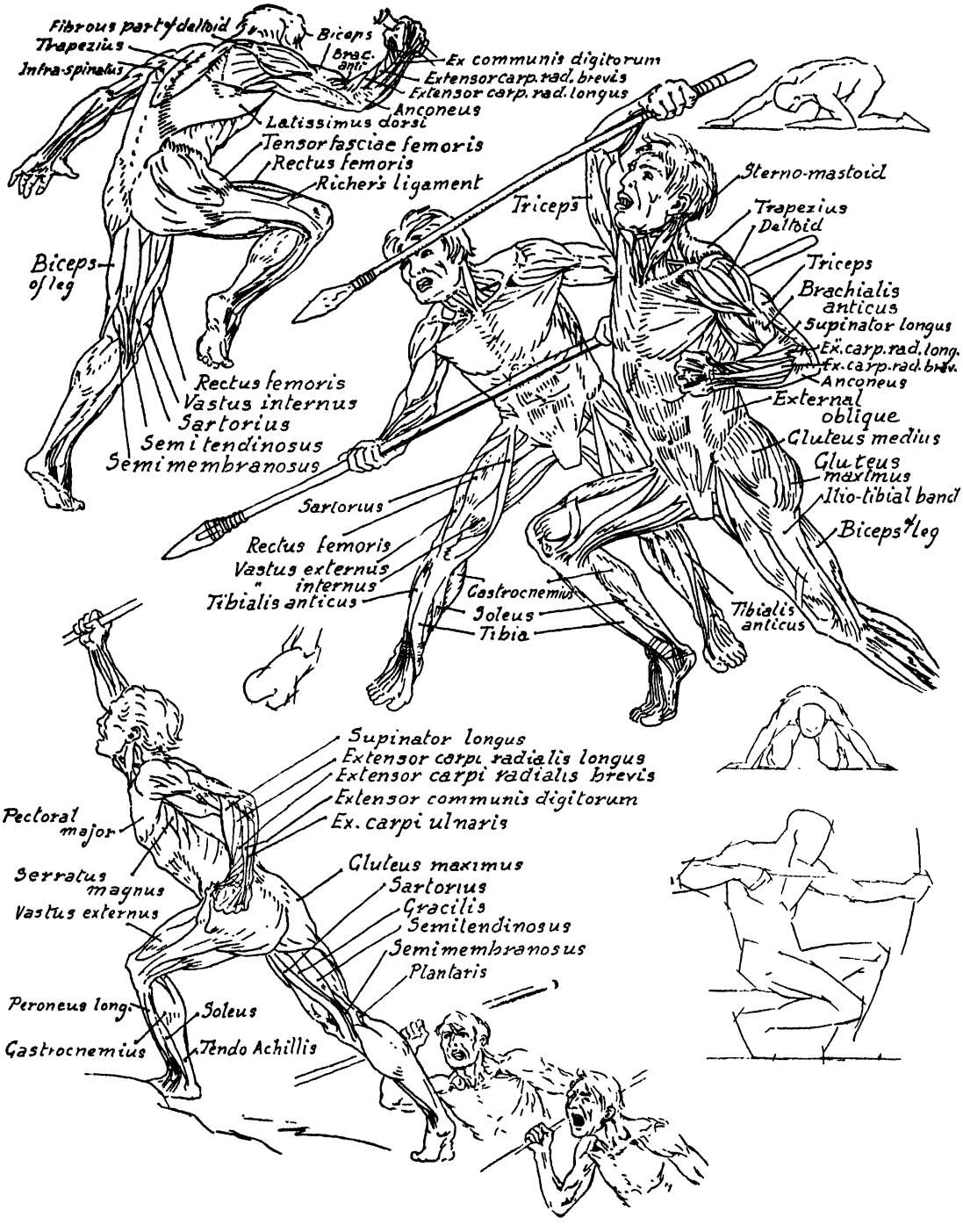

Brachialis anticus
Triceps
Deltoid
Coraco brachialis
Teres major
Pectoral major
" minor
Serratus magnus
Latissimus dorsi
Humerus
Pectoral major
Clavicle
Sternum bone
Scapula
Pectoral major
Humerus
Insertion into outer lip of bicipital groove
Deltoid
Triceps
Biceps
Flexor group
Triceps
Extensor group
Deltoid
Triceps
Latissimus dorsi
Pectoral major
Trapezius
Deltoid
Triceps
Olecranon process
Ulna
Fibula
Pectoral major

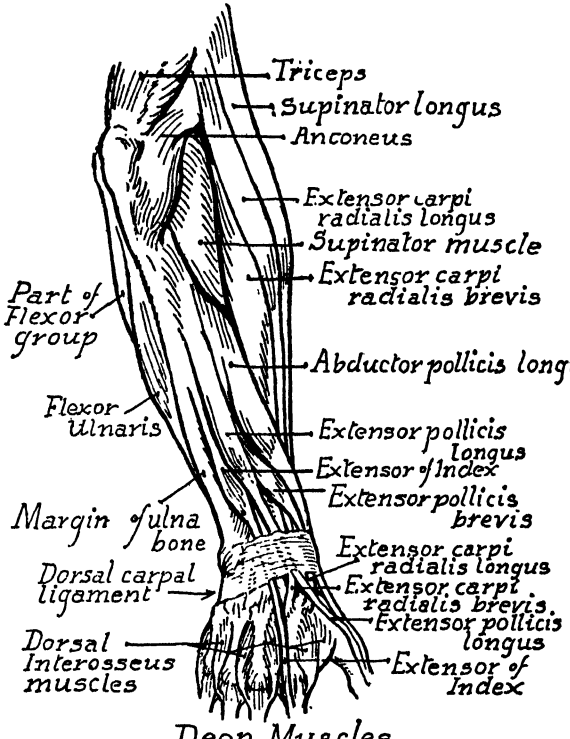


Emaciated figure

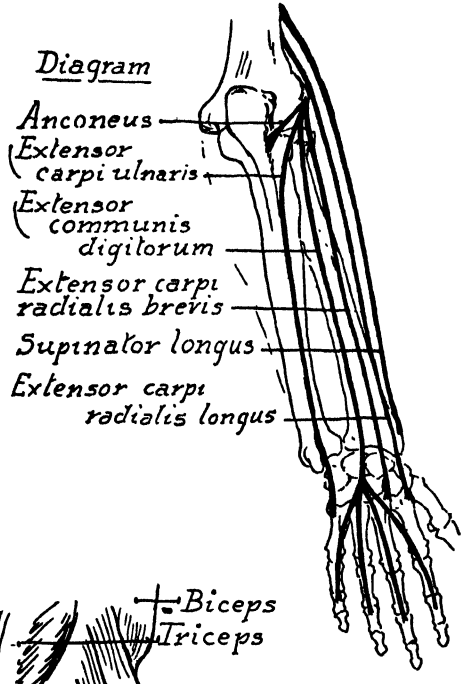

humerus bone
Acromion process
Coracoid process
Scapula
Clavicle
Sternum bone
Brachialis anticus
Biceps
Triceps
Coraco brachialis
Teres major
Deltoid
Latissimus dorsi
Serratus magnus
External oblique
Pectoralis major
Infra-spinatus
Teres minor
Deltoid
Triceps long-head
outer
inner
Flat fibrous part of triceps
Triceps—outer head
inner head
Trapezius
Deltoid
middle or long head
Spine of scapula
Teres major
Latissimus dorsi
Serratus magnus
Teres major
Latissimus dorsi
Great trochanter of femur
Ilio-tibial band
Biceps of leg (tendon)

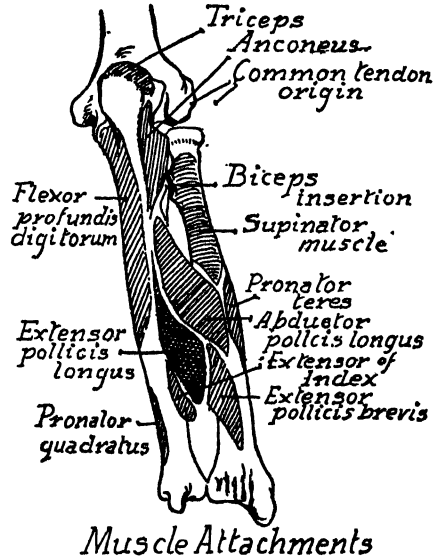

Showing change of angle of scapula with movement of arm
7th Cervical vertebra
Trapezius
Trapezius ending at the last thoracic vertebra
Insertion of deltoid
" " biceps
Sterno-mastoid
Trapezius
Brachialis anticus
Triceps
Deltoid
Infra-spinatus
Teres minor
" major
Latissimus dorsi
Atlas
7th
Humerus
Scapula


Fibrous part of deltoid
Trapezius
Infra-spinatus
Biceps
brac. anti.
Ex communis digitorum
Extensor carp. rad. brevis
Extensor carp. rad. longus
Anconeus
Latissimus dorsi
Tensor fasciae femoris
Rectus femoris
Richer's ligament
Biceps of leg
Rectus femoris
Vastus internus
Sartorius
Semi tendinosus
Semi membranosus
Triceps
Sterno-mastoid
Trapezius
Deltoid
Triceps
Brachialis anticus
Supinator longus
Ex. carp. rad. long.
Ex. carp. rad. brev.
Anconeus
External oblique
Gluteus medius
Gluteus maximus
Ilio-tibial band
Biceps of leg
Sartorius
Rectus femoris
Vastus externus
" internus
Tibialis anticus
Gastrocnemius
Soleus
Tibia
Tibialis anticus
Supinator longus
Extensor carpi radialis longus
Extensor carpi radialis brevis
Extensor communis digitorum
Ex. carpi ulnaris
Pectoral major
Serratus magnus
Vastus externus
Gluteus maximus
Sartorius
Gracilis
Semitendinosus
Semimembranosus
Plantaris
Peroneus long.
Soleus
Gastrocnemius
Tendo Achillis

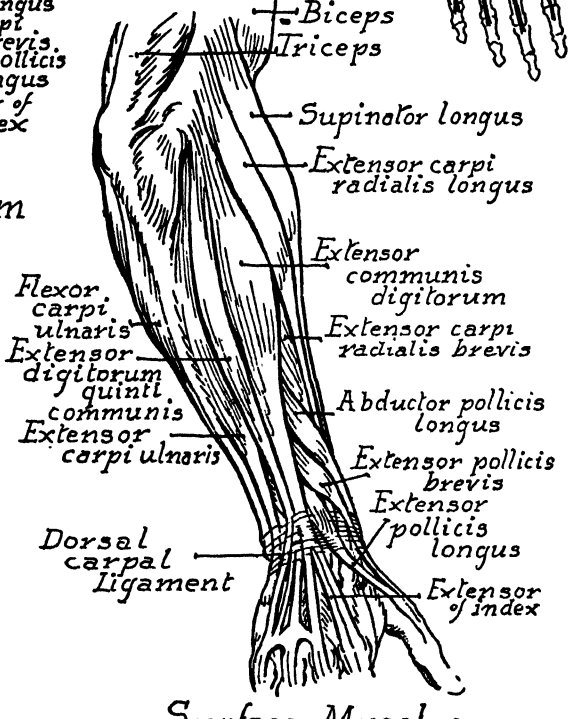


Deep Muscles
Dorsal side of Arm

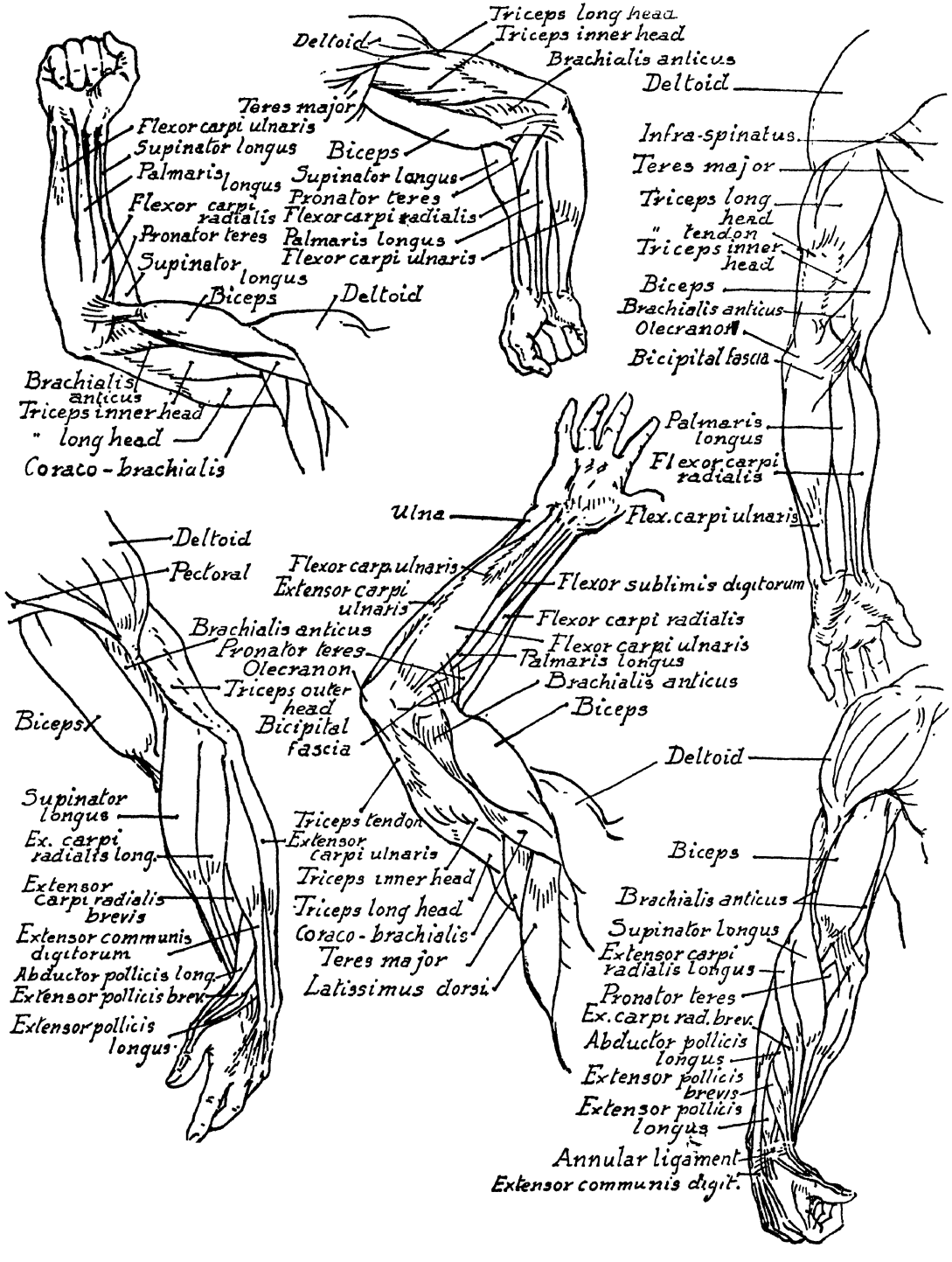


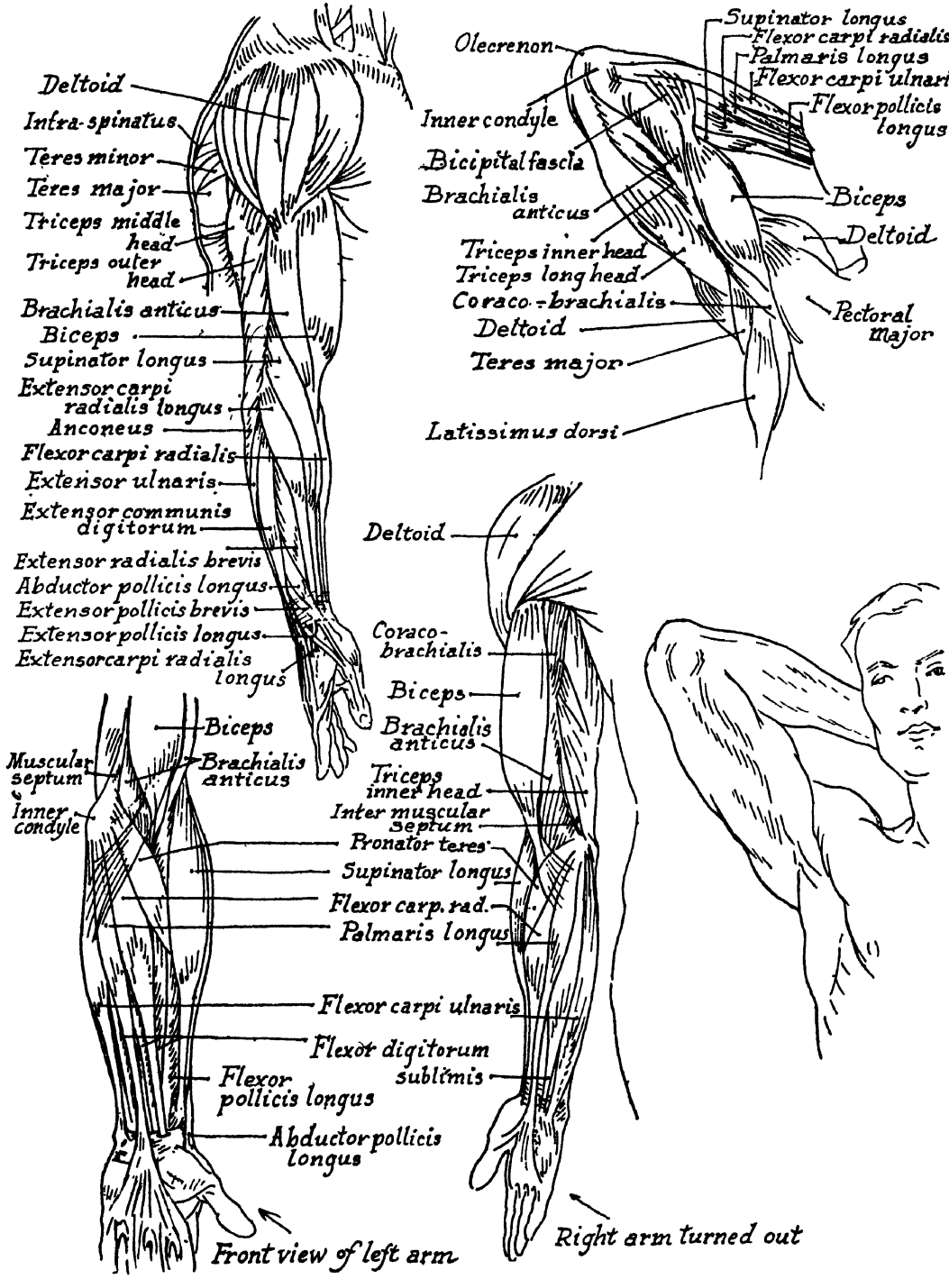


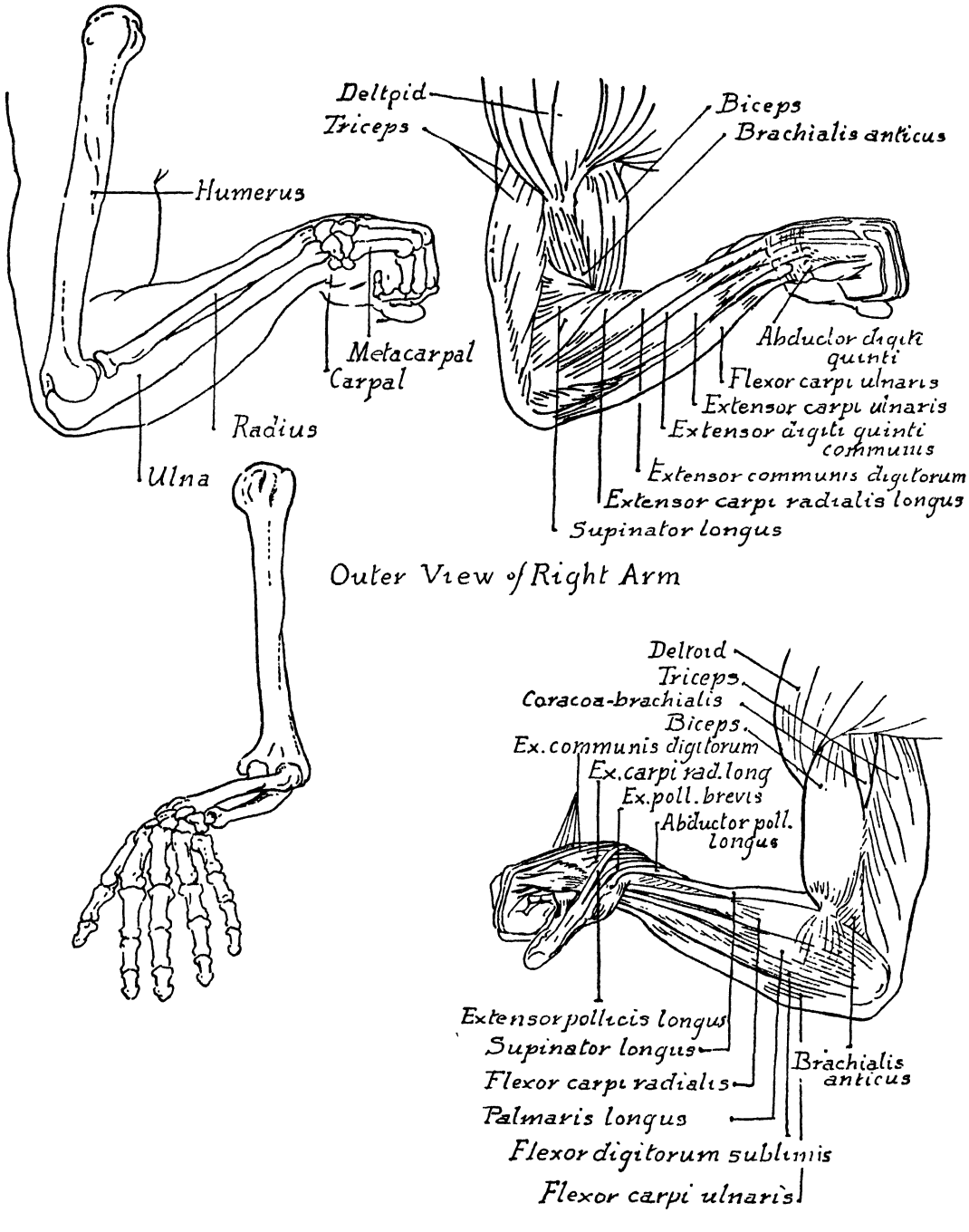
Muscle Attachments

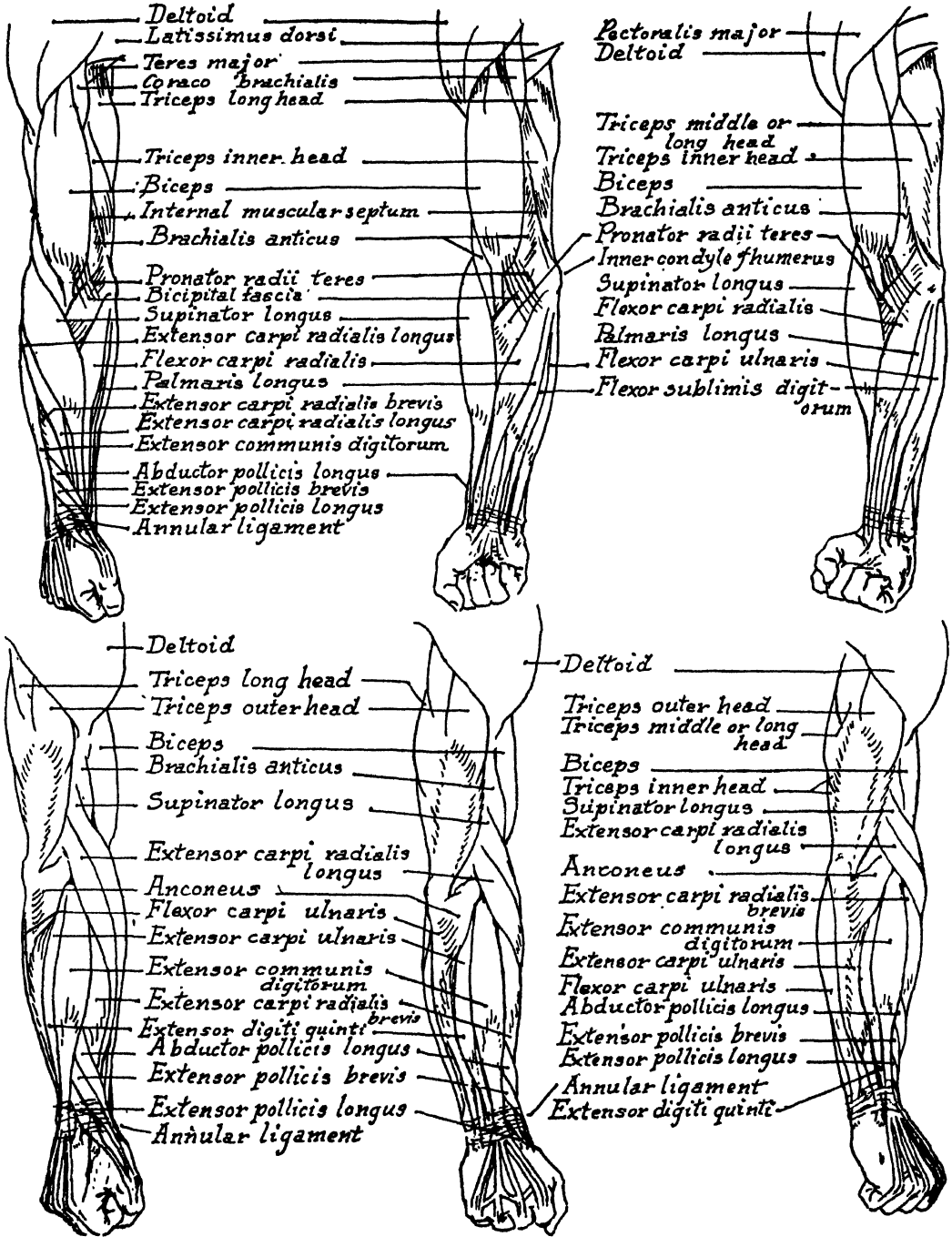


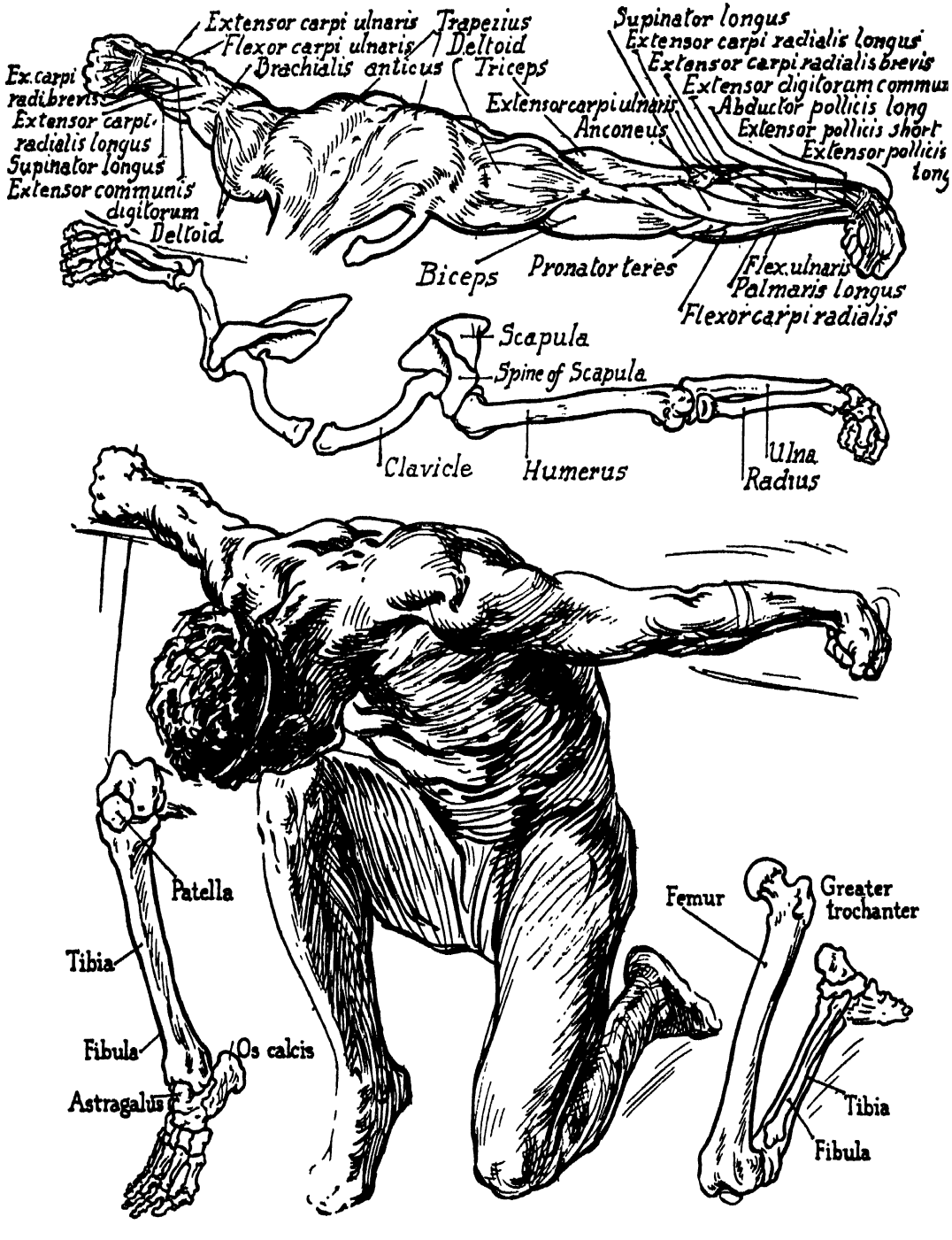
Surface Muscles
Dorsal side of Arm

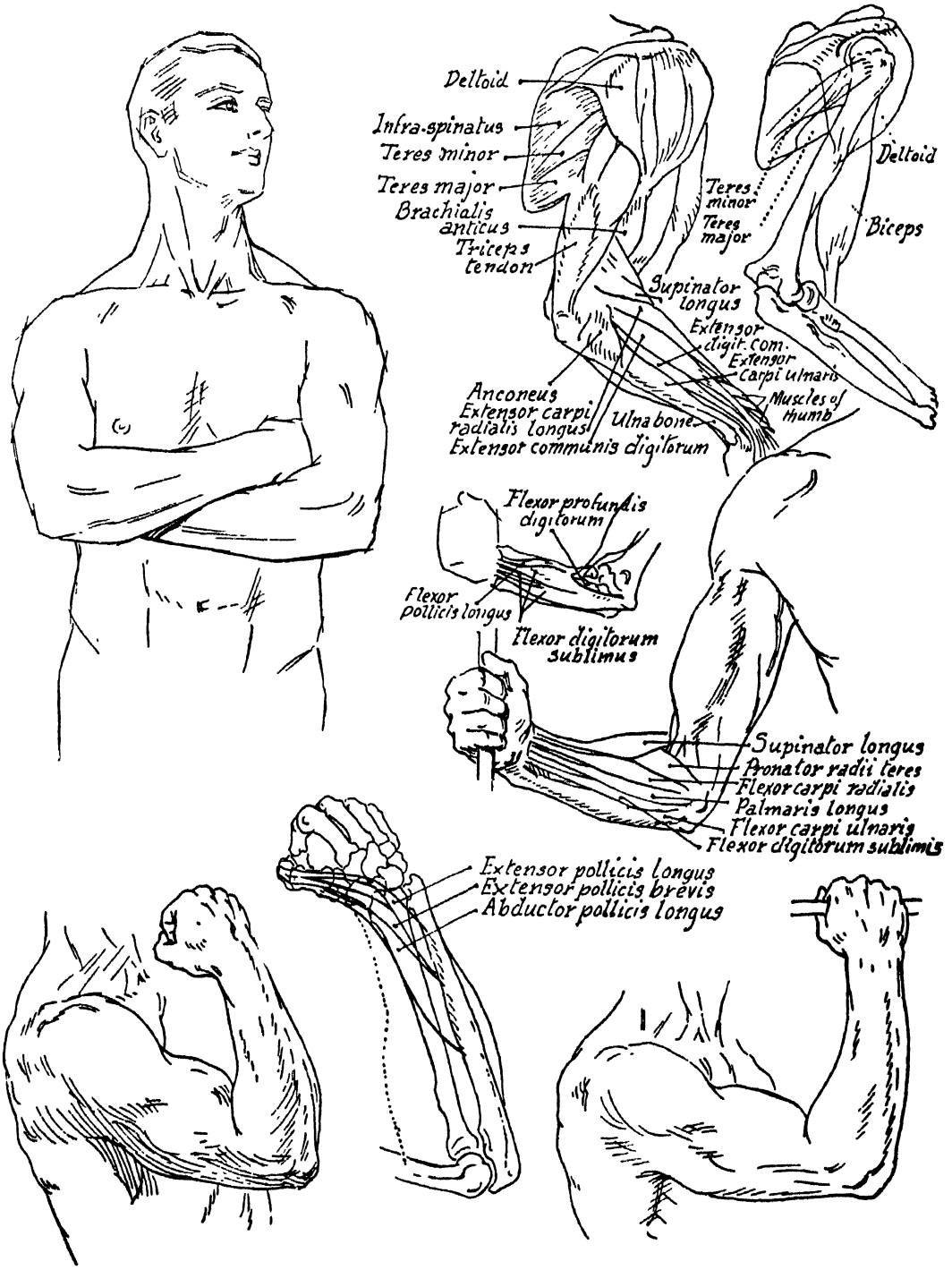

Triceps long head
Deltoid
Triceps inner head
Brachialis anticus
Teres major
Flexor carpi ulnaris
Supinator longus
Biceps
Palmaris longus
Supinator longus
Pronator teres
Flexor carpi radialis
Flexor carpi radialis
Pronator teres
Palmaris longus
Supinator longus
Flexor carpi ulnaris
Biceps
Deltoid
Brachialis anticus
Triceps inner head
" long head
Coraco-brachialis
Deltoid
Infra-spinatus
Teres major
Triceps long head
" tendon
Triceps inner head
Biceps
Brachialis anticus
Olecranon
Bicipital fascia
Palmaris longus
Flexor carpi radialis
Ulna
Flex. carpi ulnaris
Deltoid
Pectoral
Flexor carpi ulnaris
Extensor carpi ulnaris
Flexor sublimis digitorum
Flexor carpi radialis
Brachialis anticus
Pronator teres
Olecranon
Triceps outer head
Bicipital fascia
Flexor carpi ulnaris
Palmaris longus
Brachialis anticus
Biceps
Biceps
Deltoid
Supinator longus
Ex. carpi radialis long.
Extensor carpi radialis brevis
Extensor communis digitorum
Abductor pollicis long.
Extensor pollicis brev.
Extensor pollicis longus
Triceps tendon
Extensor carpi ulnaris
Triceps inner head
Triceps long head
Coraco-brachialis
Teres major
Latissimus dorsi
Biceps
Brachialis anticus
Supinator longus
Extensor carpi radialis longus
Pronator teres
Ex. carpi rad. brev.
Abductor pollicis longus
Extensor pollicis brevis
Extensor pollicis longus
Annular ligament
Extensor communis digit.

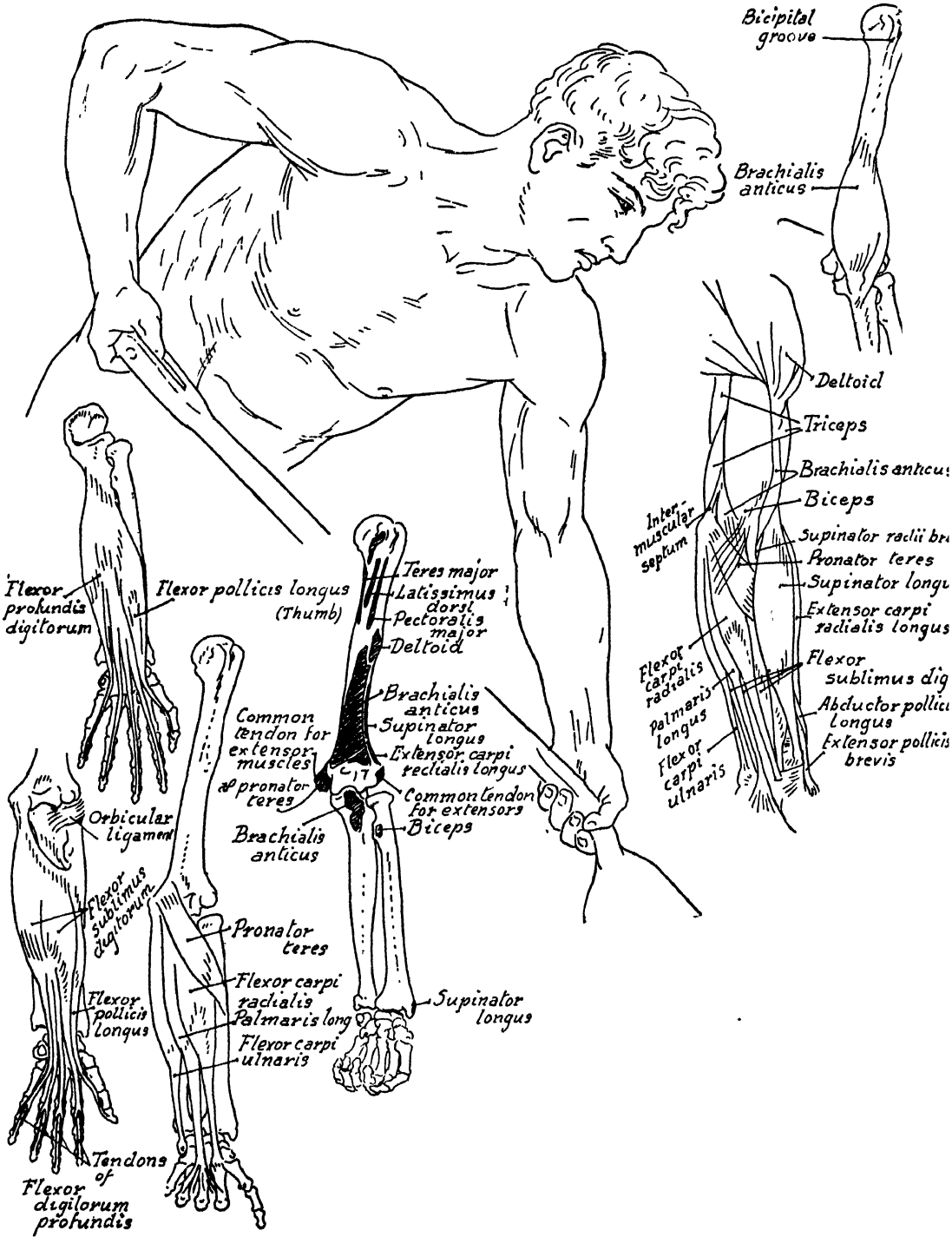

Deltoid
Infra-spinatus
Teres minor
Teres major
Triceps middle head
Triceps outer head
Brachialis anticus
Biceps
Supinator longus
Extensor carpi radialis longus
Anconeus
Flexor carpi radialis
Extensor ulnaris
Extensor communis digitorum
Extensor radialis brevis
Abductor pollicis longus
Extensor pollicis brevis
Extensor pollicis longus
Extensor carpi radialis longus
Biceps
Muscular septum
Brachialis anticus
Inner condyle
Pronator teres
Supinator longus
Flexor carp. rad.
Palmaris longus
Flexor carpi ulnaris
Flexor digitorum sublimis
Flexor pollicis longus
Abductor pollicis longus
Front view of left arm
Olecrenon
Inner condyle
Bicipital fascia
Brachialis anticus
Triceps inner head
Triceps long head
Coraco-brachialis
Deltoid
Teres major
Latissimus dorsi
Supinator longus
Flexor carpi radialis
Palmaris longus
Flexor carpi ulnaris
Flexor pollicis longus
Biceps
Deltoid
Pectoral major
Deltoid
Coraco-brachialis
Biceps
Brachialis anticus
Triceps inner head
Inter muscular septum
Right arm turned out

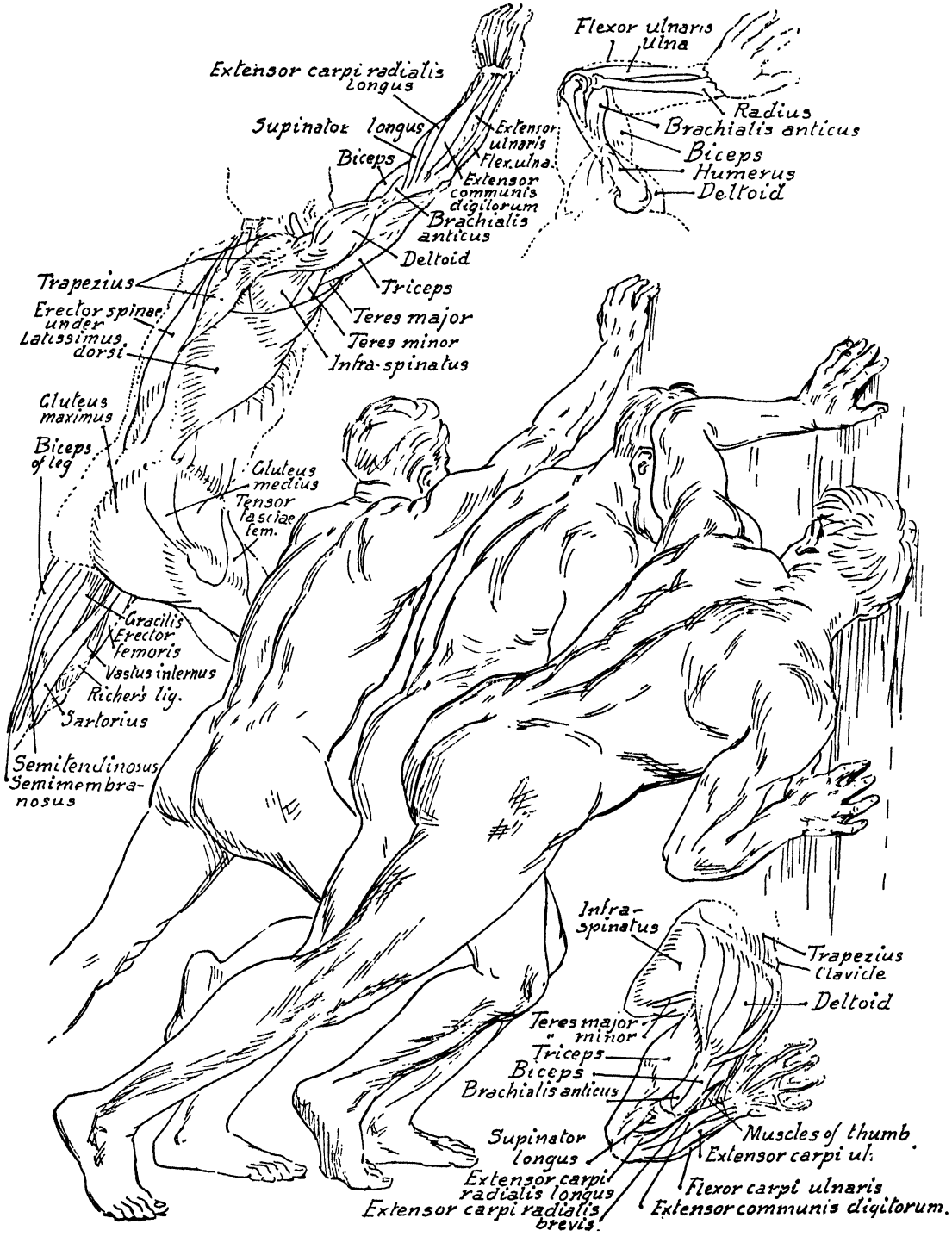

Humerus
Metacarpal
Carpal
Radius
Ulna
Deltpid
Triceps
Biceps
Brachialis anticus
Abductor digiti quinti
Flexor carpi ulnaris
Extensor carpi ulnaris
Extensor digiti quinti communis
Extensor communis digitorum
Extensor carpi radialis longus
Supinator longus
Outer View of Right Arm
Deltoid
Triceps
Coracoa-brachialis
Biceps
Ex. communis digitorum
Ex. carpi rad. long
Ex. poll. brevis
Abductor poll. longus
Extensor pollicis longus
Supinator longus
Flexor carpi radialis
Palmaris longus
Flexor digitorum sublimis
Flexor carpi ulnaris
Brachialis anticus
Inner view


Deltoid
Latissimus dorsi
Teres major
Coraco brachialis
Triceps long head
Triceps inner head
Biceps
Internal muscular septum
Brachialis anticus
Pronator radii teres
Bicipital fascia
Supinator longus
Extensor carpi radialis longus
Flexor carpi radialis
Palmaris longus
Extensor carpi radialis brevis
Extensor carpi radialis longus
Extensor communis digitorum
Abductor pollicis longus
Extensor pollicis brevis
Extensor pollicis longus
Annular ligament
Pectoralis major
Deltoid
Triceps middle or long head
Triceps inner head
Biceps
Brachialis anticus
Pronator radii teres
Inner condyle of humerus
Supinator longus
Flexor carpi radialis
Palmaris longus
Flexor carpi ulnaris
Flexor sublimis digitorum
Deltoid
Triceps long head
Triceps outer head
Biceps
Brachialis anticus
Supinator longus
Extensor carpi radialis longus
Anconeus
Flexor carpi ulnaris
Extensor carpi ulnaris
Extensor communis digitorum
Extensor carpi radialis brevis
Extensor digiti quinti
Abductor pollicis longus
Extensor pollicis brevis
Extensor pollicis longus
Annular ligament
Deltoid
Triceps outer head
Triceps middle or long head
Biceps
Triceps inner head
Supinator longus
Extensor carpi radialis longus
Anconeus
Extensor carpi radialis brevis
Extensor communis digitorum
Extensor carpi ulnaris
Flexor carpi ulnaris
Abductor pollicis longus
Extensor pollicis brevis
Extensor pollicis longus
Annular ligament
Extensor digiti quinti


Extensor carpi ulnaris
Flexor carpi ulnaris
Brachialis anticus
Trapezius
Deltoid
Triceps
Supinator longus
Extensor carpi radialis longus
Extensor carpi radialis brevis
Extensor digitorum commun
Abductor pollicis long
Extensor pollicis short
Extensor pollicis long
Ex. carpi radi. brevis
Extensor carpi radialis longus
Supinator longus
Extensor communis digitorum
Deltoid
Extensor carpi ulnaris
Anconeus
Biceps
Pronator teres
Flex. ulnaris
Palmaris longus
Flexor carpi radialis
Scapula
Spine of Scapula
Clavicle
Humerus
Ulna
Radius
Patella
Tibia
Fibula
Os calcis
Astragalus
Femur
Greater trochanter
Tibia
Fibula

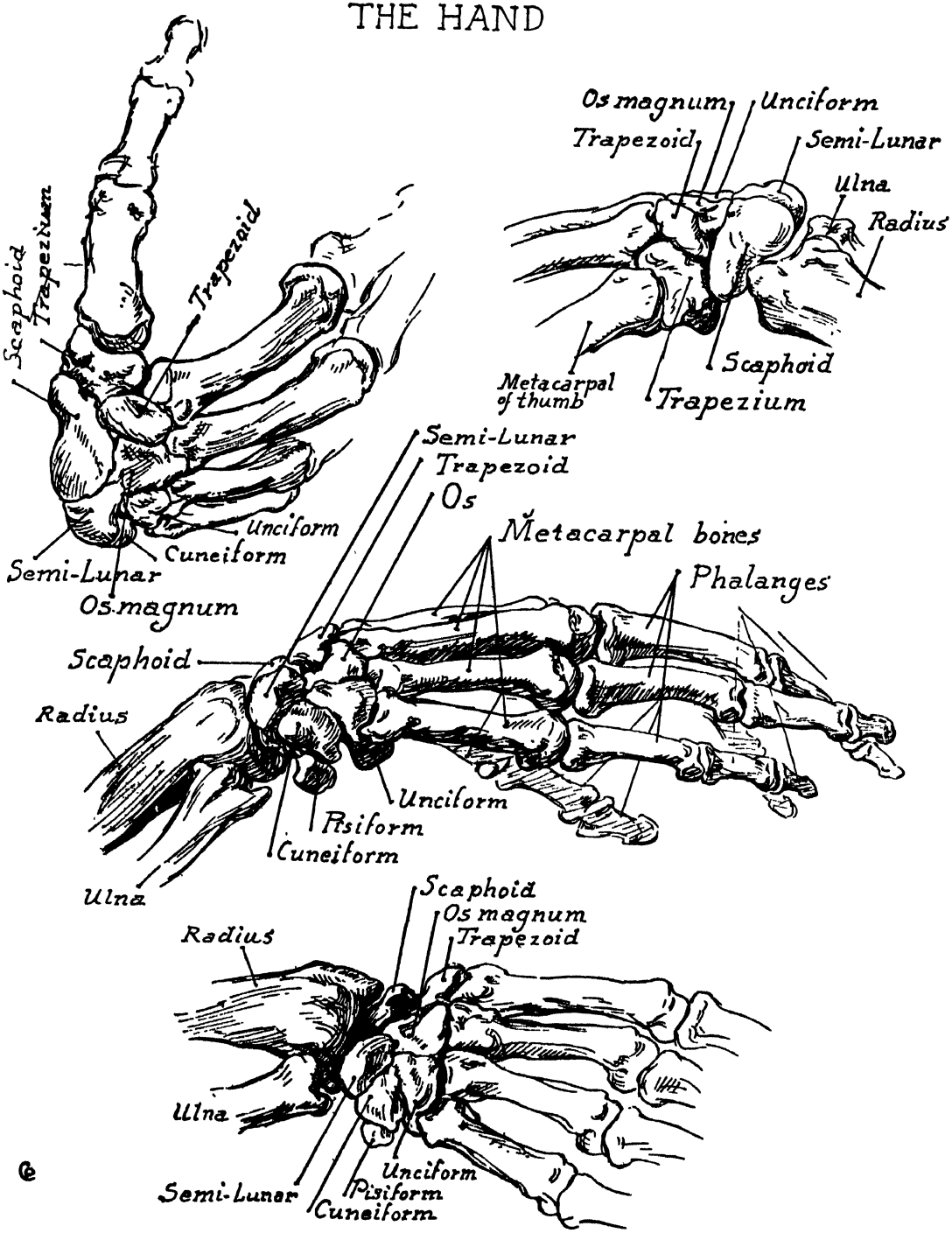

Deltoid
Infra-spinatus
Teres minor
Teres major
Brachialis anticus
Triceps tendon
Anconeus
Extensor carpi radialis longus
Extensor communis digitorum
Ulna bone
Supinator longus
Extensor digit. com.
Extensor carpi ulnaris
Muscles of thumb
Deltoid
Biceps
Teres minor
Teres major
Flexor profundis digitorum
Flexor pollicis longus
Flexor digitorum sublimus
Supinator longus
Pronator radii teres
Flexor carpi radialis
Palmaris longus
Flexor carpi ulnaris
Flexor digitorum sublimis
Extensor pollicis longus
Extensor pollicis brevis
Abductor pollicis longus

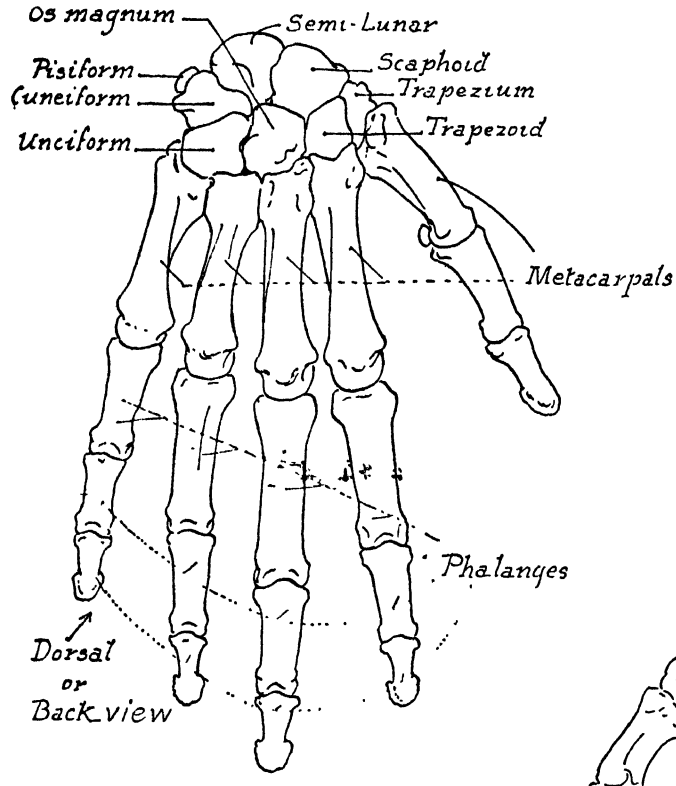

Bicipital groove
Brachialis anticus
Deltoid
Triceps
Brachialis anticus
Biceps
Intermuscular septum
Supinator radii br
Pronator teres
Supinator longu
Extensor carpi radialis longus
Flexor carpi radialis
Palmaris longus
Flexor carpi ulnaris
Flexor sublimus dig
Abductor pollici longus
Extensor pollicis brevis
Flexor profundis digitorum
Flexor pollicis longus (Thumb)
Teres major
Latissimus dorsi
Pectoralis major
Deltoid
Brachialis anticus
Supinator longus
Extensor carpi radialis longus
Common tendon for extensor muscles
Pronator teres
Common tendon for extensors
Biceps
Brachialis anticus
Orbicular ligament
Flexor sublimus digitorum
Pronator teres
Flexor carpi radialis
Palmaris long
Flexor carpi ulnaris
Flexor pollicis longus
Supinator longus
Tendons of Flexor digitorum profundis

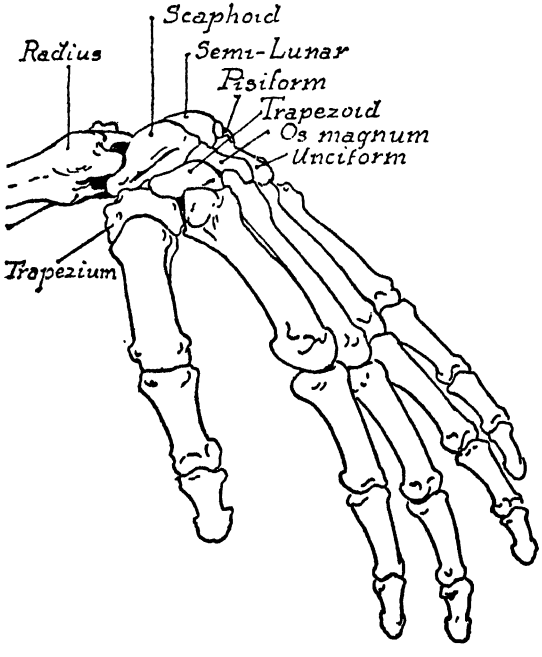

Flexor ulnaris
Ulna
Extensor carpi radialis longus
Radius
Brachialis anticus
Supinator longus
Extensor ulnaris
Biceps
Flex. ulna
Humerus
Extensor communis digitorum
Deltoid
Brachialis anticus
Deltoid
Trapezius
Triceps
Erector spinae under Latissimus dorsi
Teres major
Teres minor
Infra-spinatus
Gluteus maximus
Biceps of leg
Gluteus medius
Tensor fasciae fem.
Gracilis
Erector femoris
Vastus internus
Richer's lig.
Sartorius
Semitendinosus
Semimembranosus
Infra-spinatus
Trapezius
Clavicle
Deltoid
Teres major
" minor
Triceps
Biceps
Brachialis anticus
Supinator longus
Muscles of thumb
Extensor carpi ul:
Extensor carpi radialis longus
Flexor carpi ulnaris
Extensor carpi radialis brevis
Extensor communis digitorum.

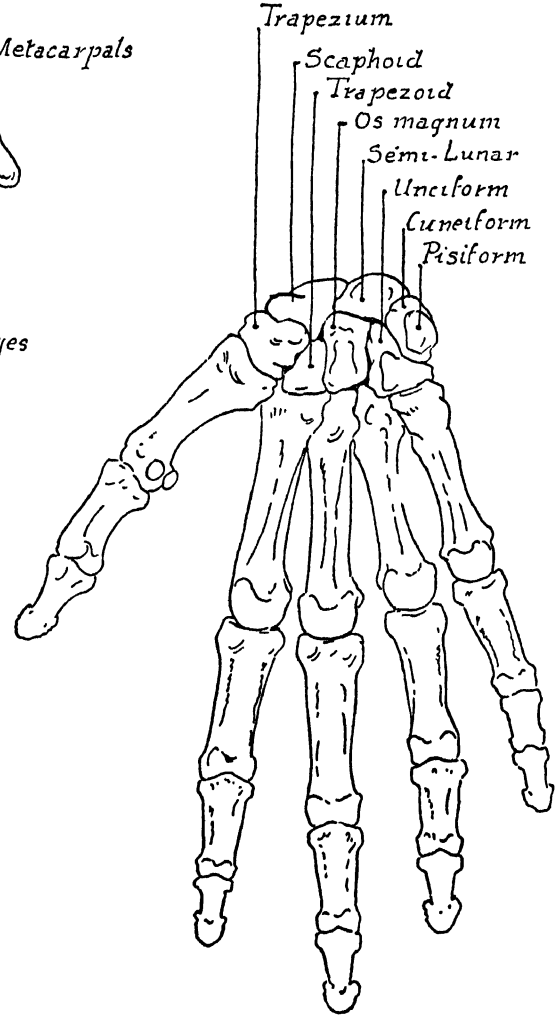
PART VI
THE HAND

THE HAND

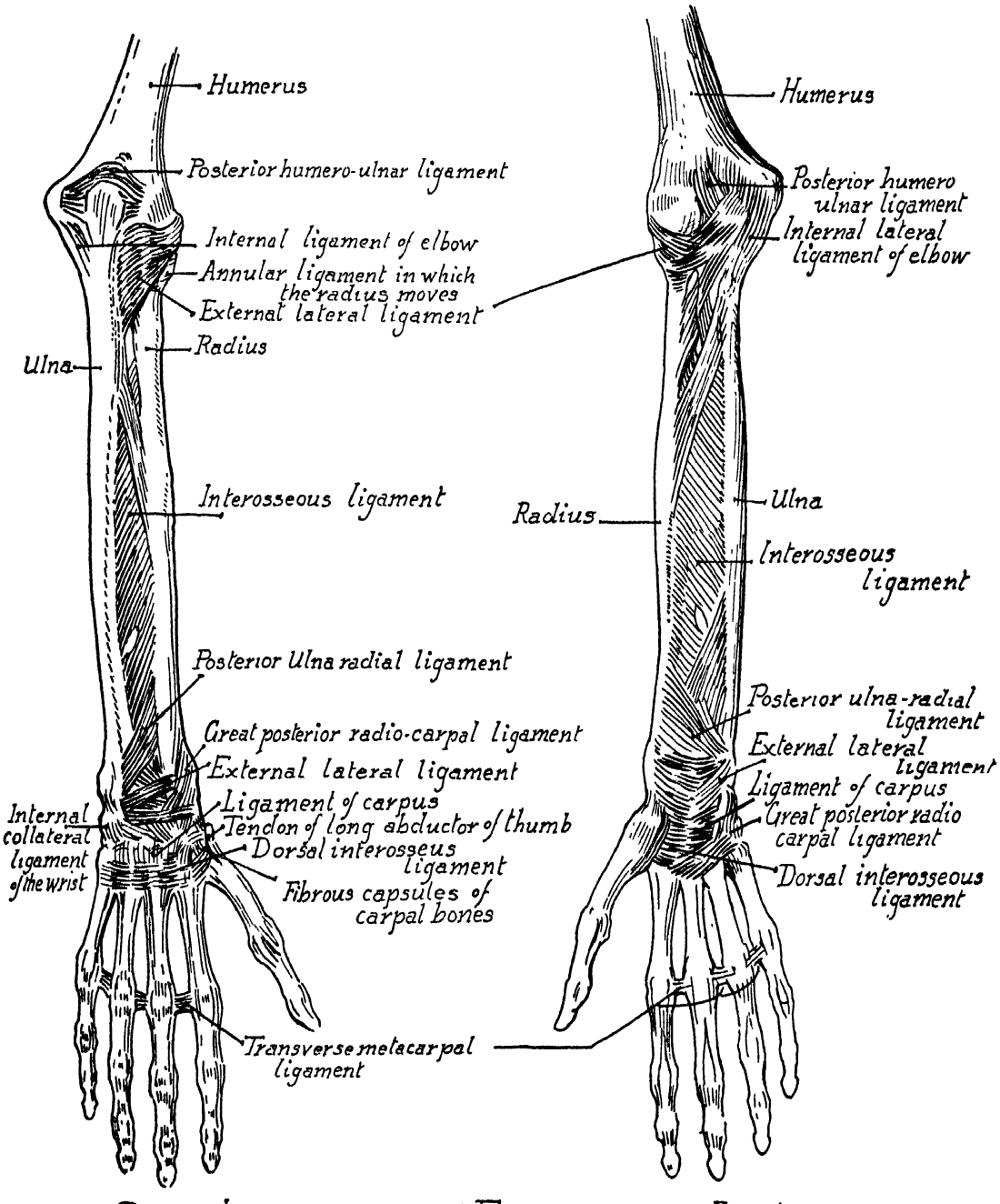

Os magnum
Unciform
Trapezoid
Semi-Lunar
Ulna
Radius
Scaphoid
Trapezium
Metacarpal of thumb
Scaphoid
Trapezium
Trapezoid
Unciform
Cuneiform
Semi-Lunar
Os magnum
Semi-Lunar
Trapezoid
Os
Metacarpal bones
Phalanges
Scaphoid
Radius
Unciform
Pisiform
Cuneiform
Ulna
Scaphoid
Os magnum
Trapezoid
Radius
Ulna
Unciform
Semi-Lunar
Pisiform
Cuneiform


Os magnum
Semi-Lunar
Pisiform
Scaphoid
Cuneiform
Trapezium
Unciform
Trapezoid
Metacarpals
Phalanges
Dorsal
or
Back view

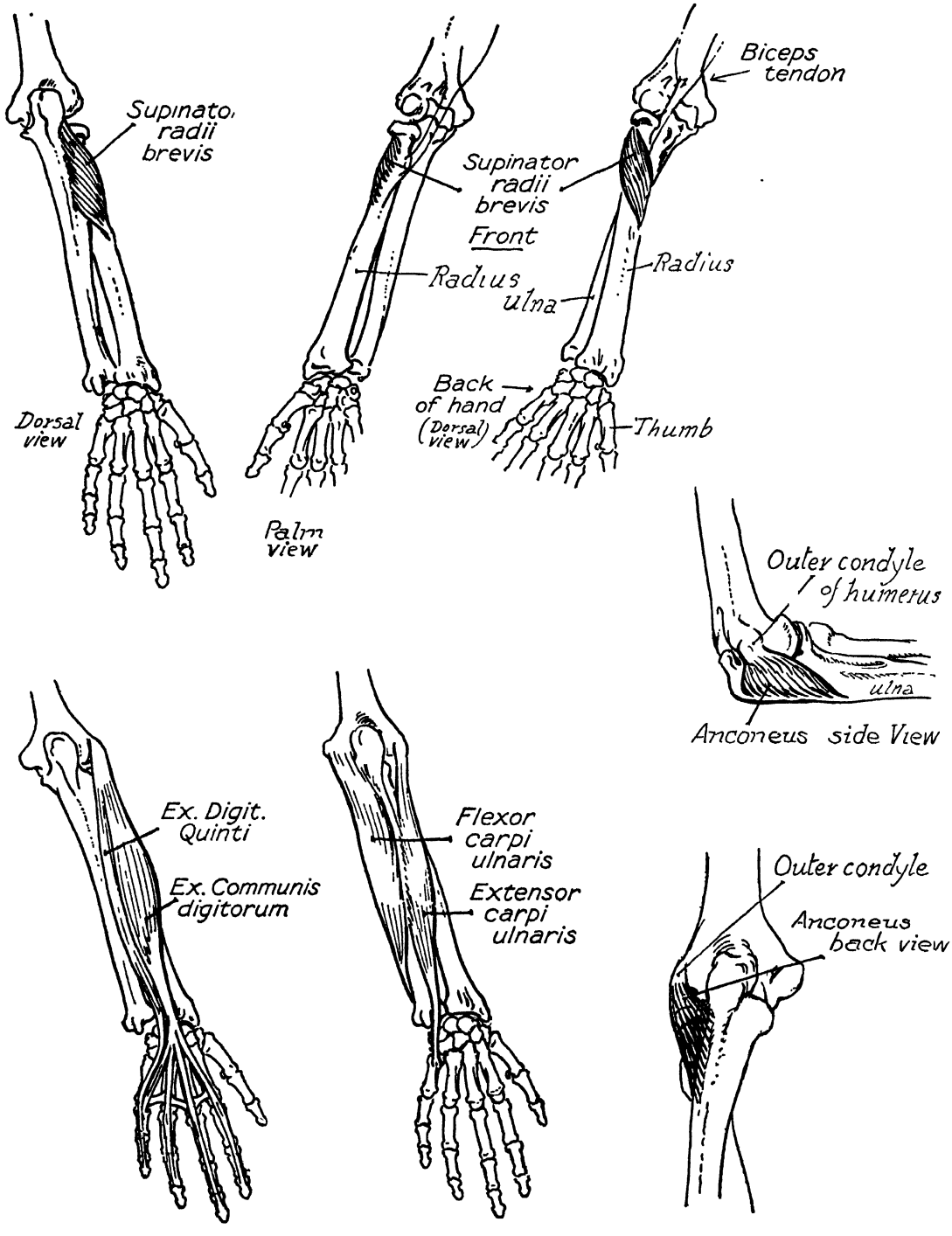

Scaphoid
Radius
Semi-Lunar
Pisiform
Trapezoid
Os magnum
Unciform
Trapezium

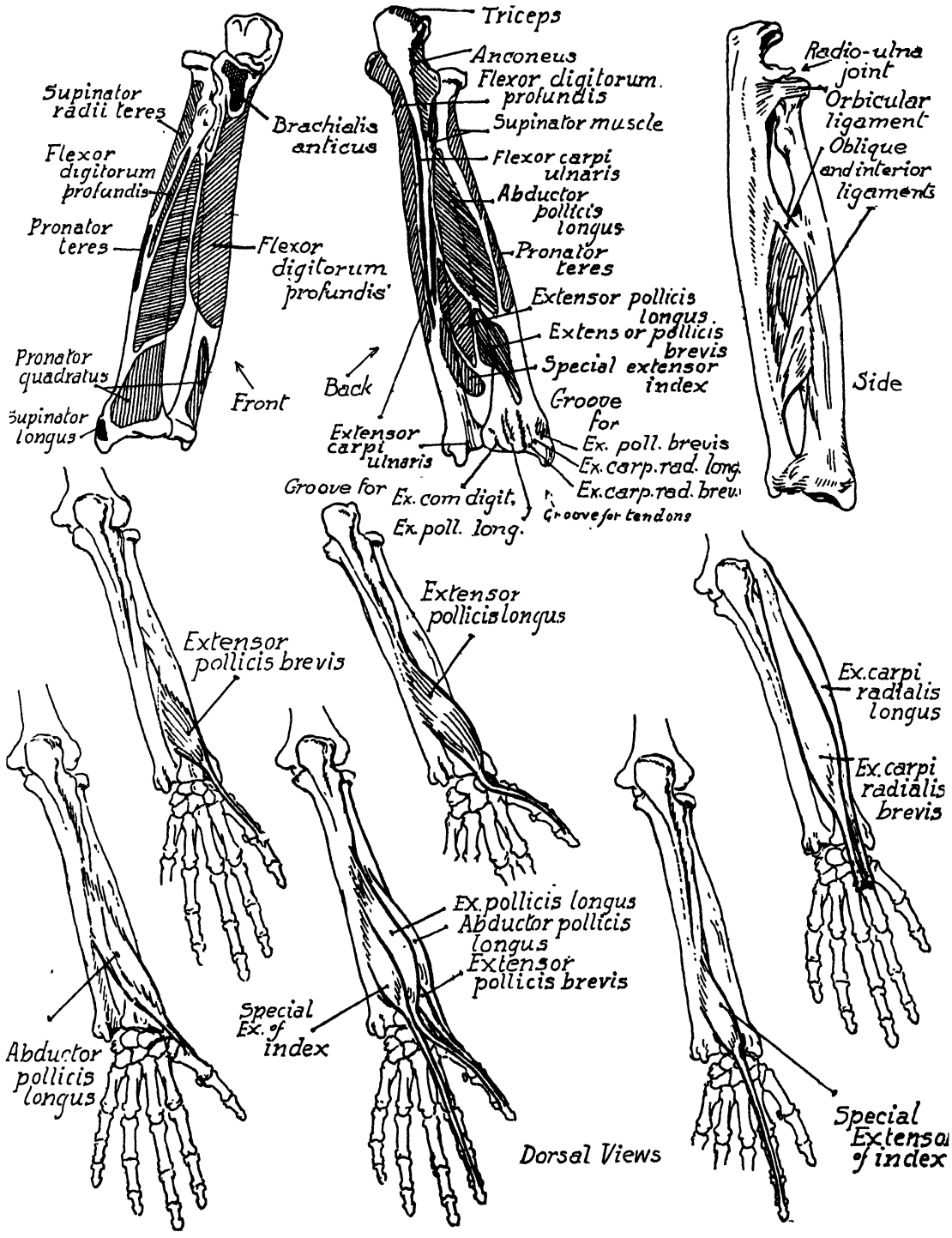

Trapezium
Scaphoid
Trapezoid
Os magnum
Semi-Lunar
Unciform
Cuneiform
Pisiform

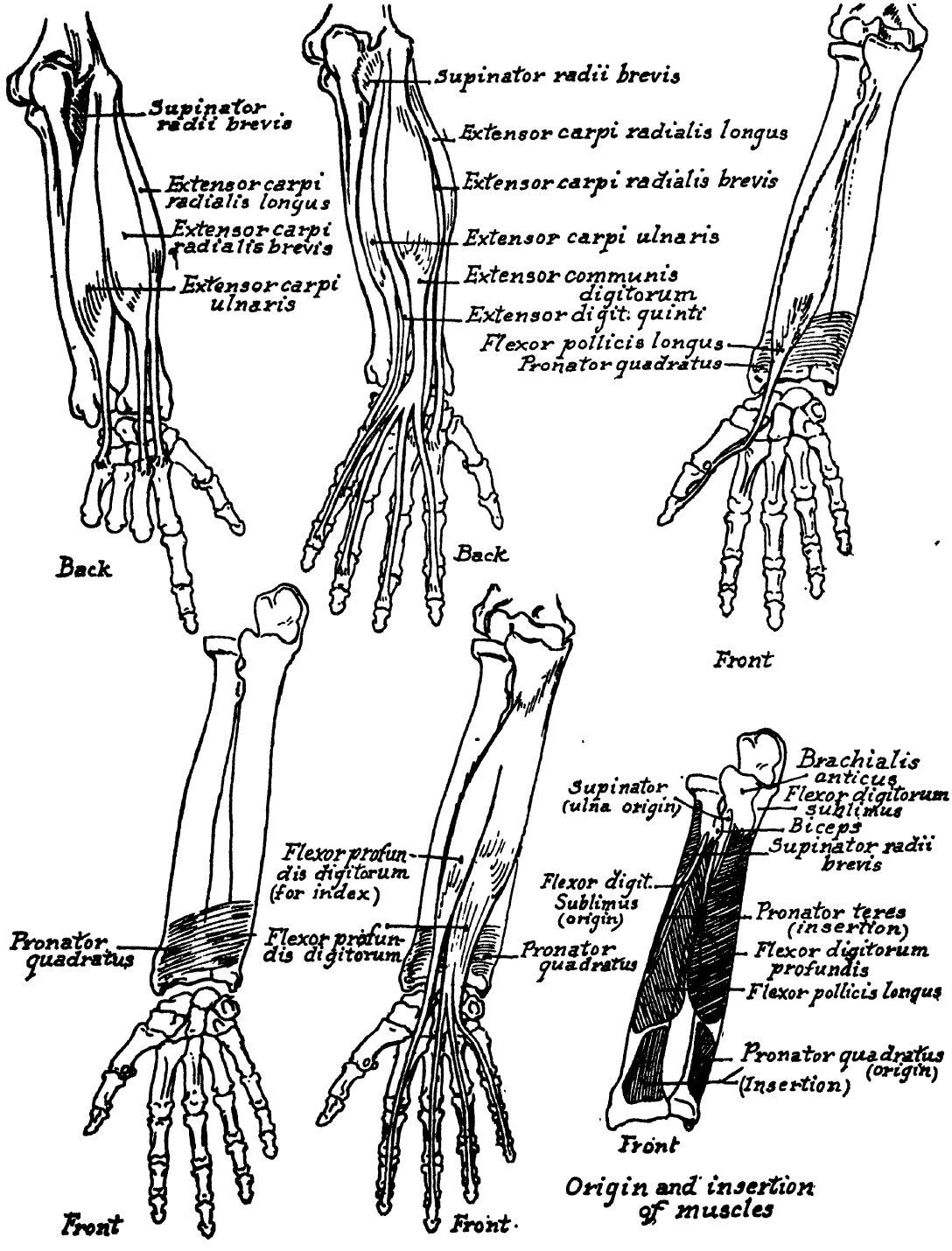
Palm view



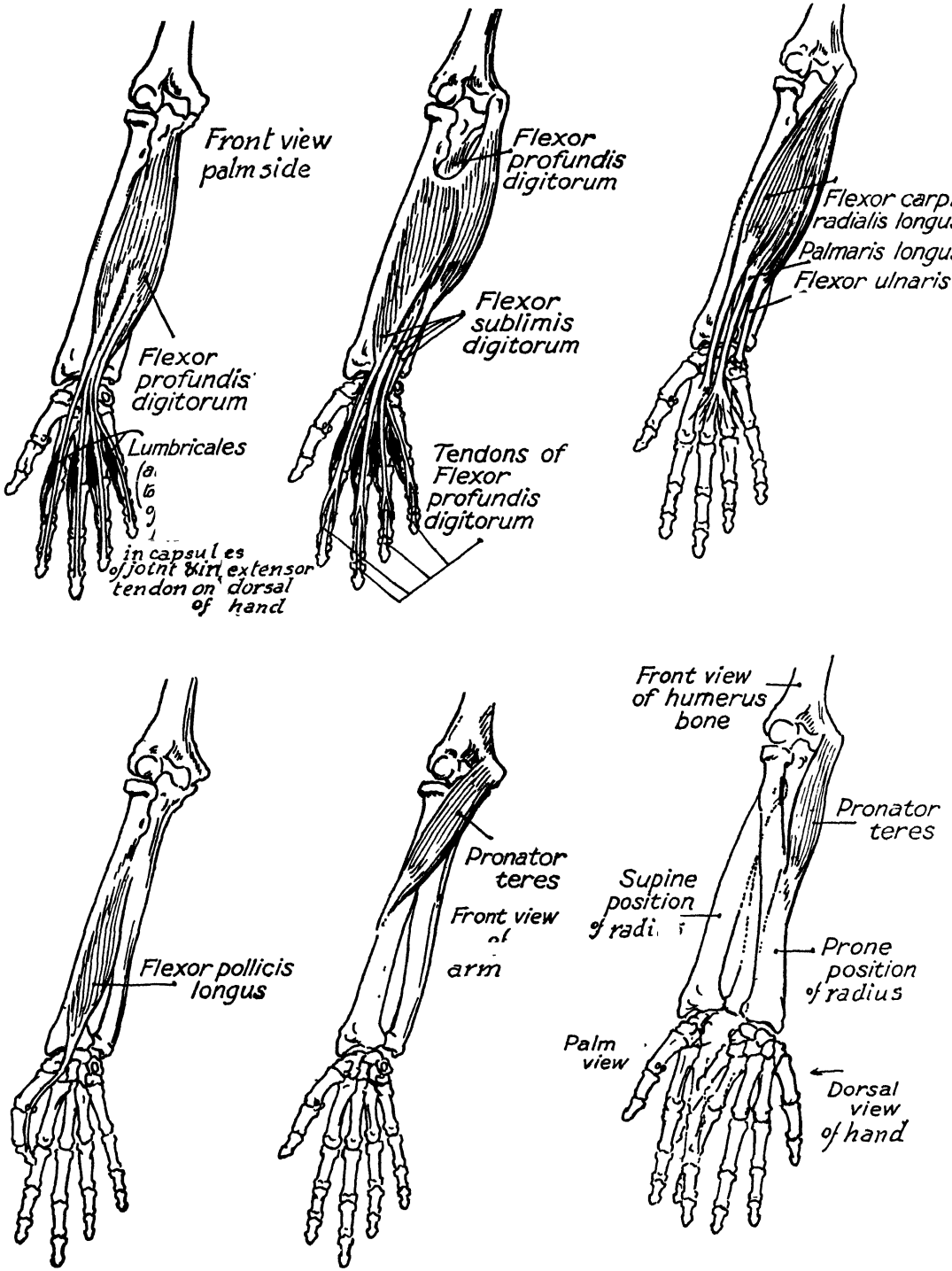
Back **Ligaments of Forearm** Front

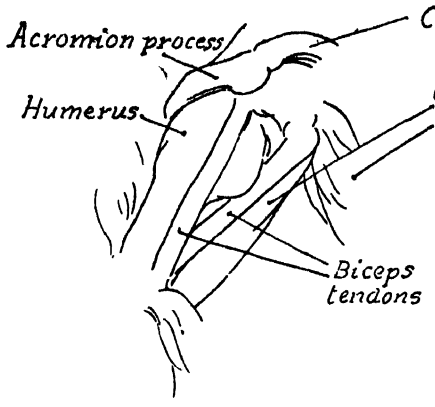

Supinato,
radii
brevis
Dorsal
view
Palm
view
Supinator
radii
brevis
Front
Radius
ulna
Biceps
tendon
Radius
Back
of hand
(Dorsal)
view
Thumb
Outer condyle
of humerus
ulna
Anconeus side View
Ex. Digit.
Quinti
Ex. Communis
digitorum
Flexor
carpi
ulnaris
Extensor
carpi
ulnaris
Outer condyle
Anconeus
back view


Supinator radii teres
Brachialis anticus
Flexor digitorum profundis
Pronator teres
Flexor digitorum profundis
Pronator quadratus
Supinator longus
Front
Triceps
Anconeus
Flexor digitorum profundis
Supinator muscle
Flexor carpi ulnaris
Abductor pollicis longus
Pronator teres
Extensor pollicis longus
Extensor pollicis brevis
Special extensor index
Back
Groove for
Ex. poll. brevis
Ex. carp. rad. long.
Ex. carp. rad. brev.
Extensor carpi ulnaris
Groove for Ex. com digit.
Ex. poll. long.
Groove for tendons
Radio-ulna joint
Orbicular ligament
Oblique and interior ligaments
Side
Extensor pollicis brevis
Extensor pollicis longus
Ex. carpi radialis longus
Ex. carpi radialis brevis
Ex. pollicis longus
Abductor pollicis longus
Extensor pollicis brevis
Special Ex. of index
Abductor pollicis longus
Special Extensor of index
Dorsal Views



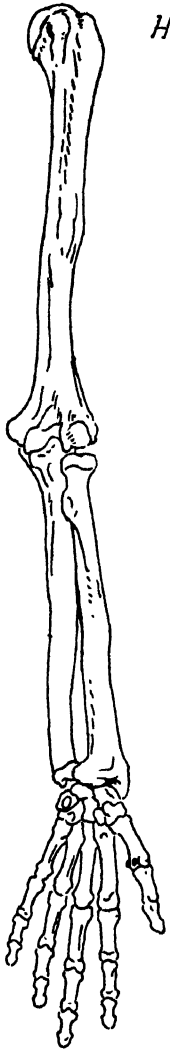
Origin and insertion of muscles


Front view palm side
Flexor profundis digitorum
Lumbricales
Flexor profundis digitorum
Flexor sublimis digitorum
Tendons of Flexor profundis digitorum
Flexor carpi radialis longus
Palmaris longus
Flexor ulnaris
Flexor pollicis longus
Pronator teres
Front view of arm
Front view of humerus bone
Pronator teres
Supine position
Prone position of radius
Palm view
Dorsal view of hand

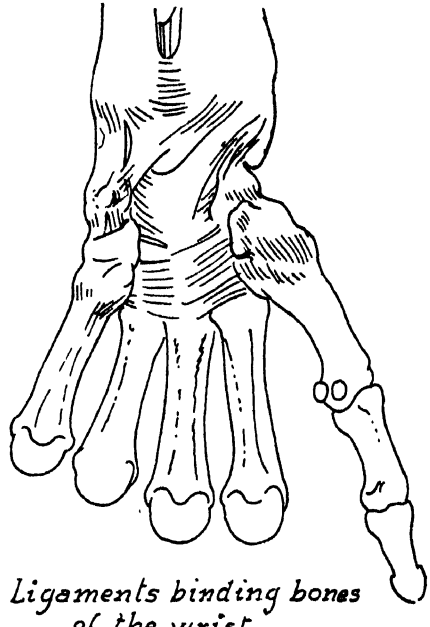


Shoulder
right side

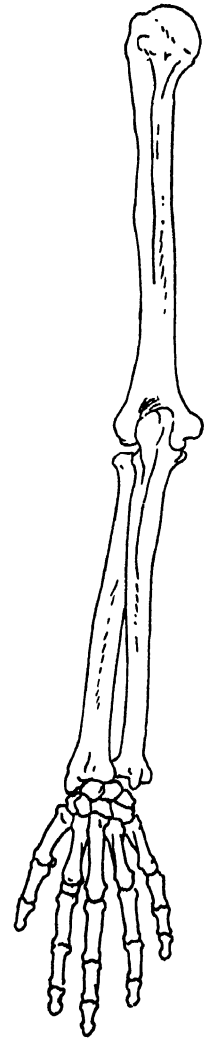
Capsula articularis
of head of humerus



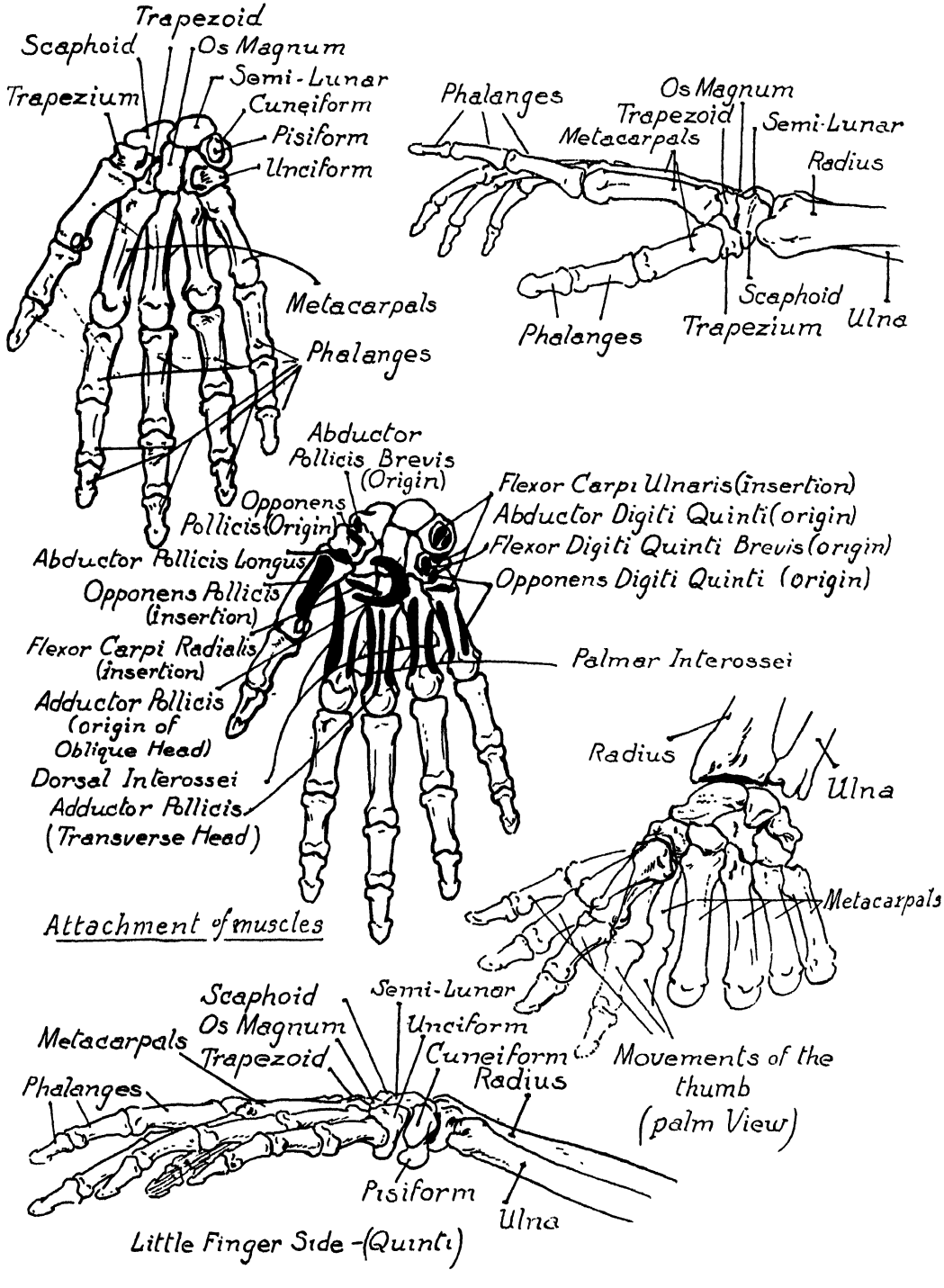
Front view of
left arm bones

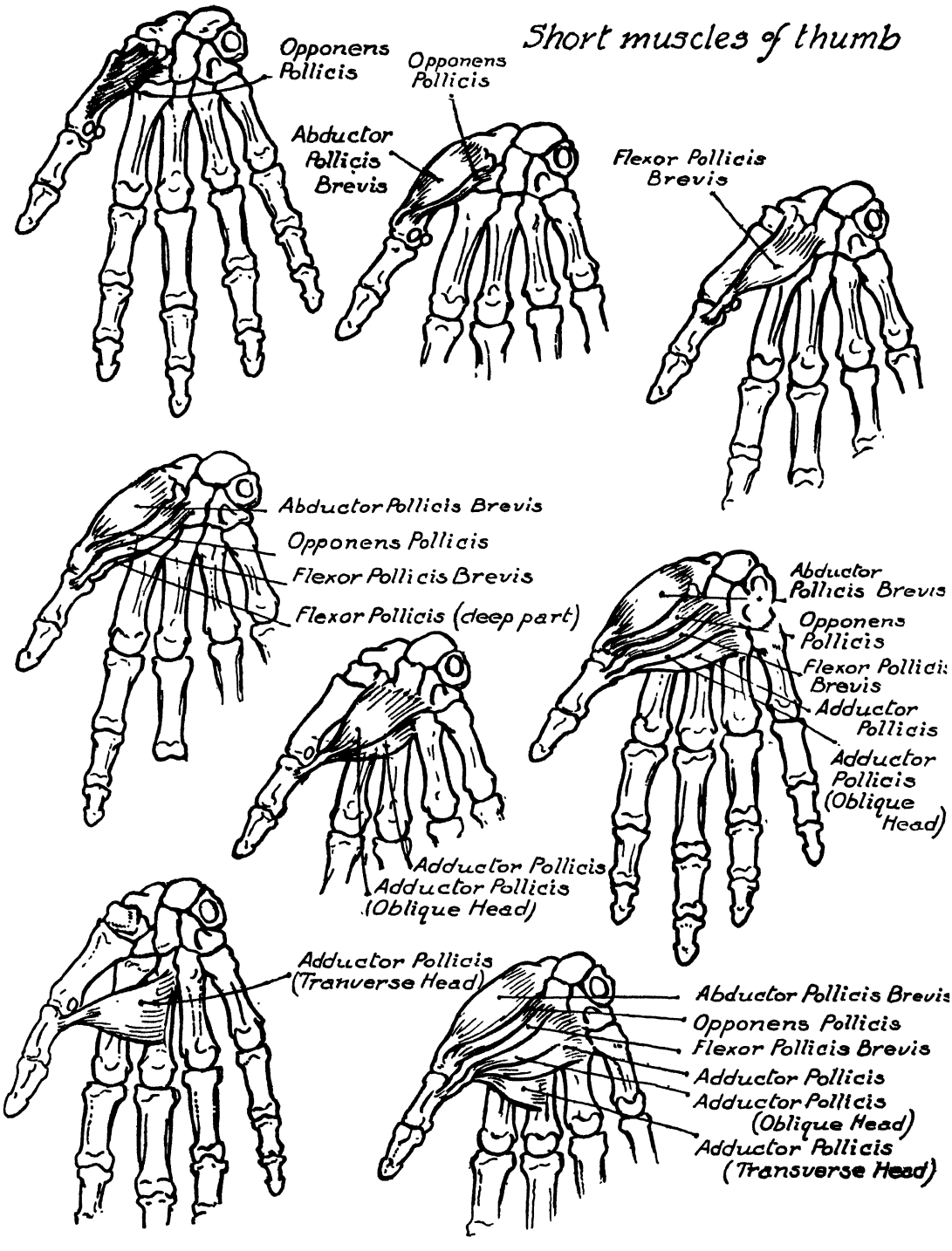


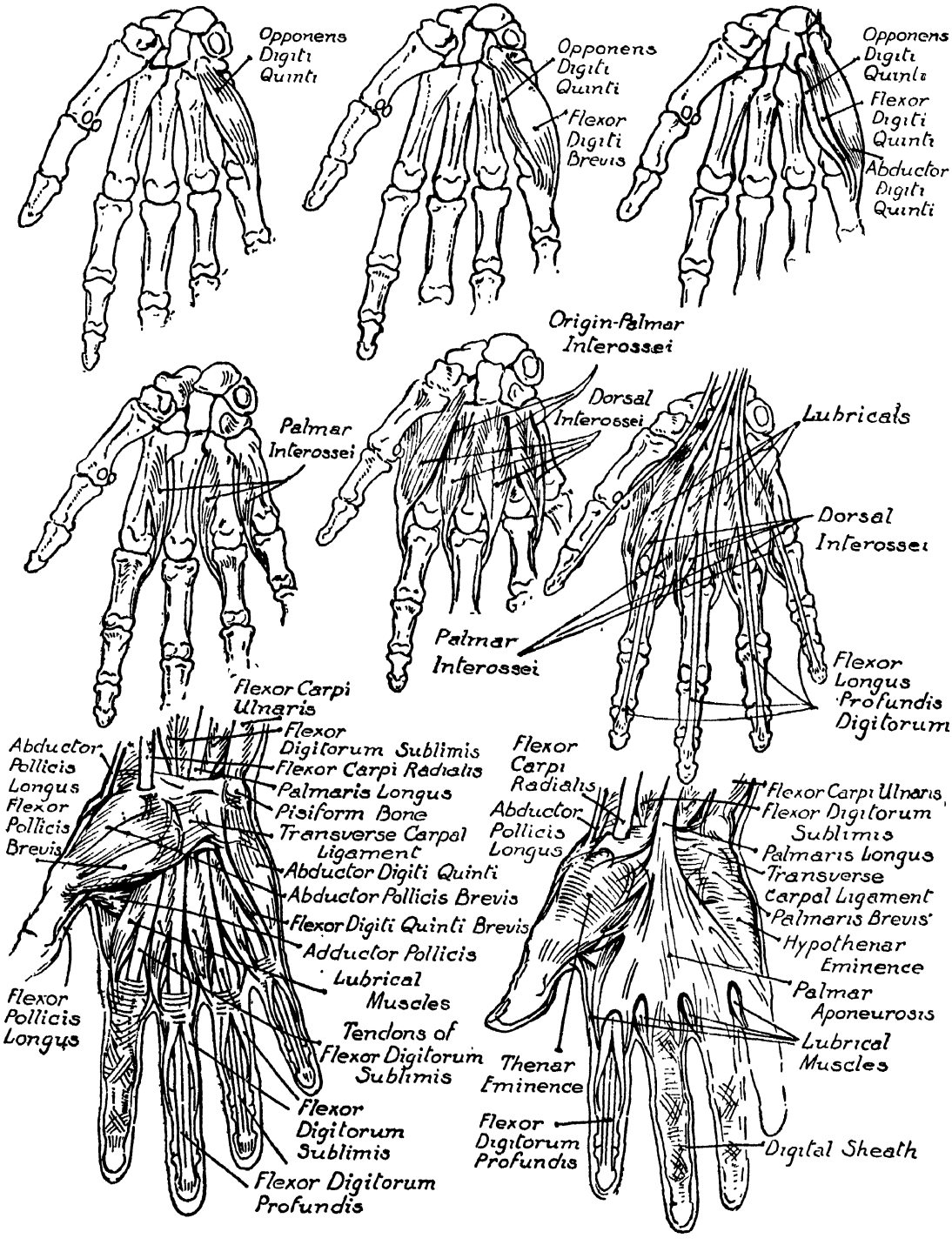
Ligaments binding bones
of the wrist

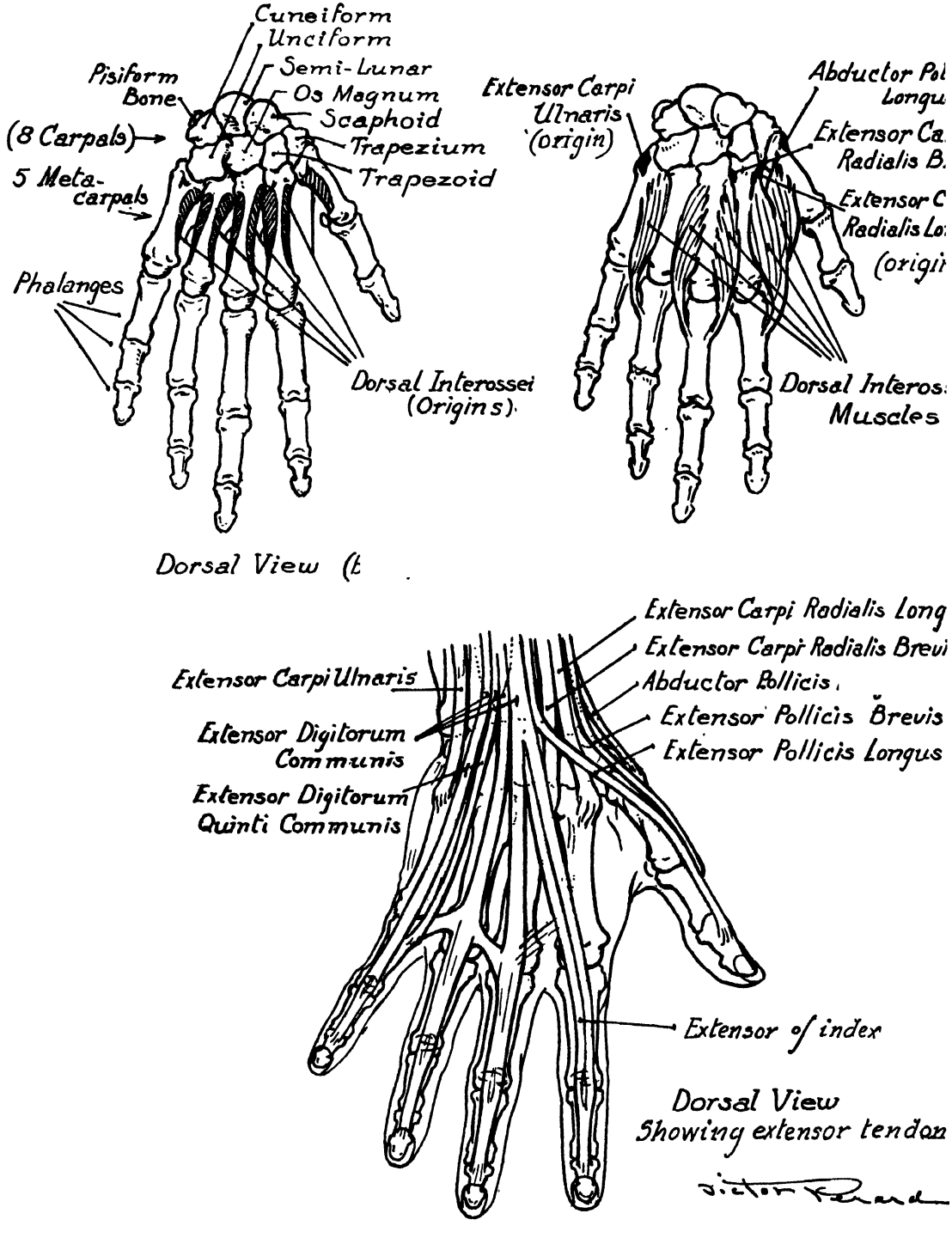


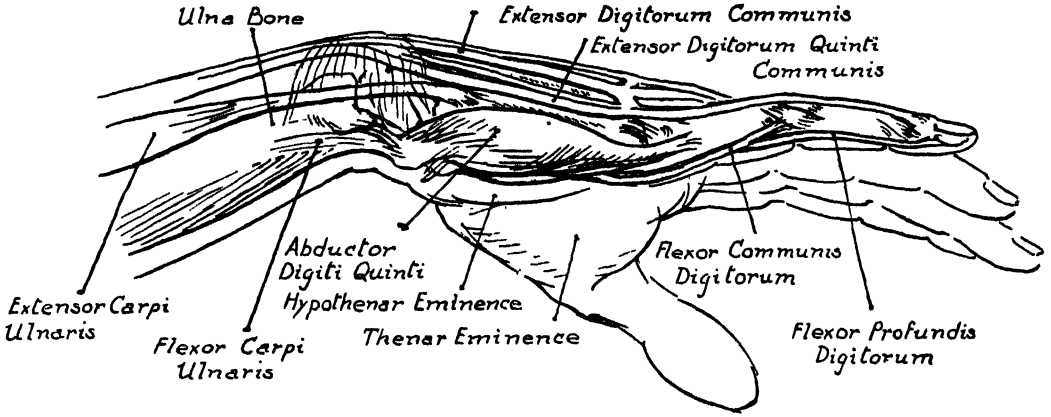
Back view of left
arm bones

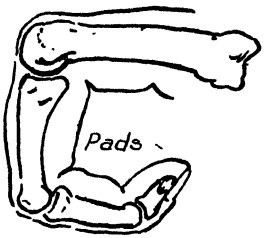

Trapezoid
Scaphoid
Os Magnum
Semi-Lunar
Trapezium
Cuneiform
Pisiform
Unciform
Metacarpals
Phalanges
Phalanges
Os Magnum
Trapezoid
Semi-Lunar
Metacarpals
Radius
Scaphoid
Phalanges
Trapezium
Ulna
Abductor Pollicis Brevis (Origin)
Opponens Pollicis (Origin)
Abductor Pollicis Longus
Opponens Pollicis (insertion)
Flexor Carpi Radialis (insertion)
Adductor Pollicis (origin of Oblique Head)
Dorsal Interossei
Adductor Pollicis (Transverse Head)
Flexor Carpi Ulnaris (insertion)
Abductor Digiti Quinti (origin)
Flexor Digiti Quinti Brevis (origin)
Opponens Digiti Quinti (origin)
Palmar Interossei
Attachment of muscles
Radius
Ulna
Metacarpals
Movements of the thumb (palm View)
Scaphoid
Os Magnum
Trapezoid
Semi-Lunar
Unciform
Cuneiform
Radius
Metacarpals
Phalanges
Pisiform
Ulna
Little Finger Side -(Quinti)


Short muscles of thumb
Opponens Pollicis
Opponens Pollicis
Abductor Pollicis Brevis
Flexor Pollicis Brevis
Abductor Pollicis Brevis
Opponens Pollicis
Flexor Pollicis Brevis
Flexor Pollicis (deep part)
Abductor Pollicis Brevis
Opponens Pollicis
Flexor Pollicis Brevis
Adductor Pollicis
Adductor Pollicis (Oblique Head)
Adductor Pollicis
Adductor Pollicis (Oblique Head)
Adductor Pollicis (Tranverse Head)
Abductor Pollicis Brevis
Opponens Pollicis
Flexor Pollicis Brevis
Adductor Pollicis
Adductor Pollicis (Oblique Head)
Adductor Pollicis (Transverse Head)

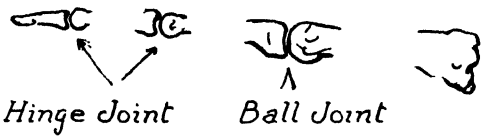

Opponens Digiti Quinti
Opponens Digiti Quinti
Flexor Digiti Brevis
Opponens Digiti Quinti
Flexor Digiti Quinti
Abductor Digiti Quinti
Origin-Palmar Interossei
Palmar Interossei
Dorsal Interossei
Lubricals
Dorsal Interossei
Palmar Interossei
Flexor Longus Profundis Digitorum
Flexor Carpi Ulnaris
Abductor Pollicis Longus
Flexor Pollicis Brevis
Flexor Digitorum Sublimis
Flexor Carpi Radialis
Palmaris Longus
Pisiform Bone
Transverse Carpal Ligament
Abductor Digiti Quinti
Abductor Pollicis Brevis
Flexor Digiti Quinti Brevis
Adductor Pollicis
Lubrical Muscles
Flexor Pollicis Longus
Tendons of Flexor Digitorum Sublimis
Flexor Digitorum Sublimis
Flexor Digitorum Profundis
Flexor Carpi Radialis
Abductor Pollicis Longus
Thenar Eminence
Flexor Digitorum Profundis
Flexor Carpi Ulnaris
Flexor Digitorum Sublimis
Palmaris Longus
Transverse Carpal Ligament
Palmaris Brevis
Hypothenar Eminence
Palmar Aponeurosis
Lubrical Muscles
Digital Sheath

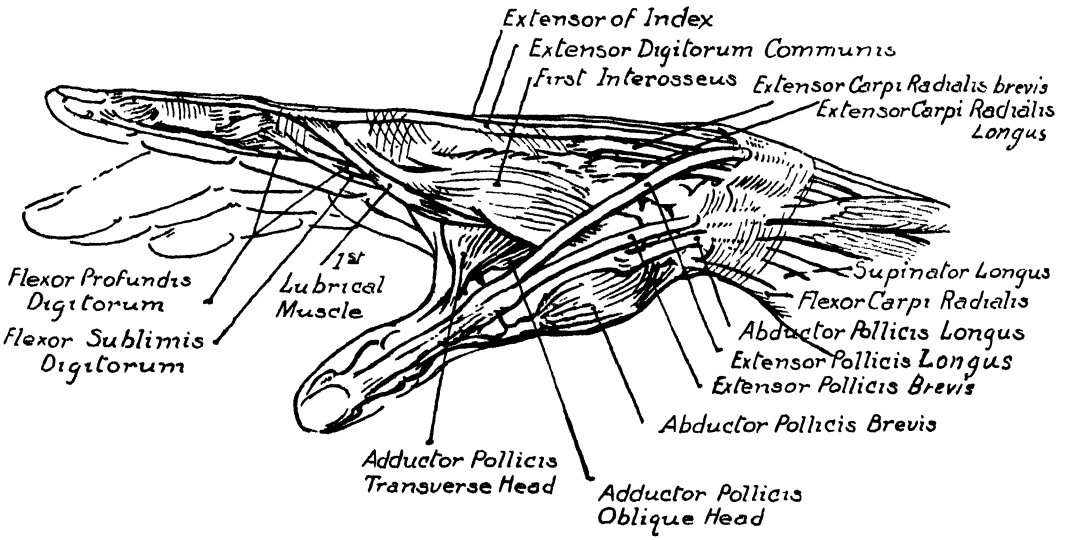

Cuneiform
Unciform
Semi-Lunar
Os Magnum
Scaphoid
Trapezium
Trapezoid
Pisiform Bone
(8 Carpals)
5 Meta-carpals
Phalanges
Dorsal Interossei (Origins)
Extensor Carpi Ulnaris (origin)
Abductor Pol
Longu
Extensor Ca
Radialis B.
Extensor C
Radialis Lo
(origi
Dorsal Interos
Muscles
Dorsal View (t
Extensor Carpi Radialis Long
Extensor Carpi Radialis Brevi
Extensor Carpi Ulnaris
Abductor Pollicis
Extensor Pollicis Brevis
Extensor Pollicis Longus
Extensor Digitorum Communis
Extensor Digitorum Quinti Communis
Extensor of index
Dorsal View
Showing extensor tendon

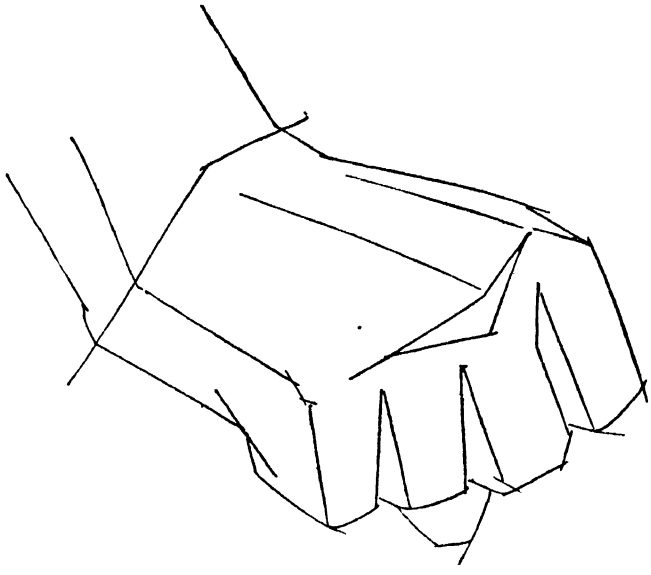

Ulna Bone
Extensor Digitorum Communis
Extensor Digitorum Quinti Communis
Abductor Digiti Quinti
Hypothenar Eminence
Flexor Communis Digitorum
Extensor Carpi Ulnaris
Flexor Carpi Ulnaris
Thenar Eminence
Flexor Profundis Digitorum


Pads

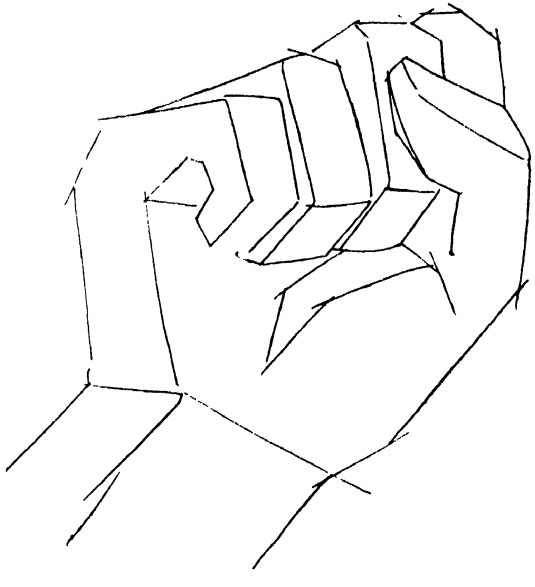

3 Pads
Ligaments of Finger Joints

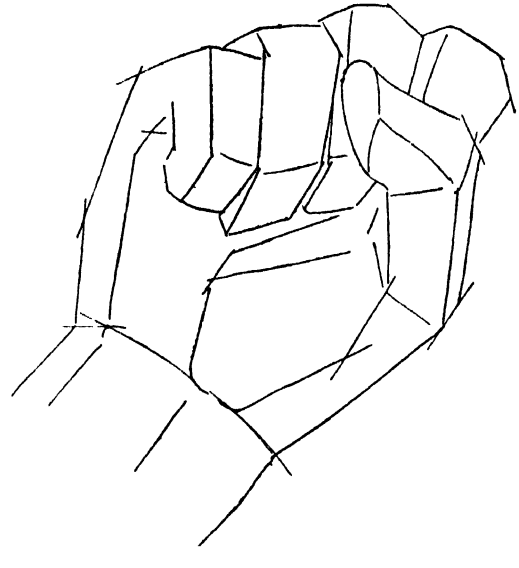

Hinge Joint
Ball Joint

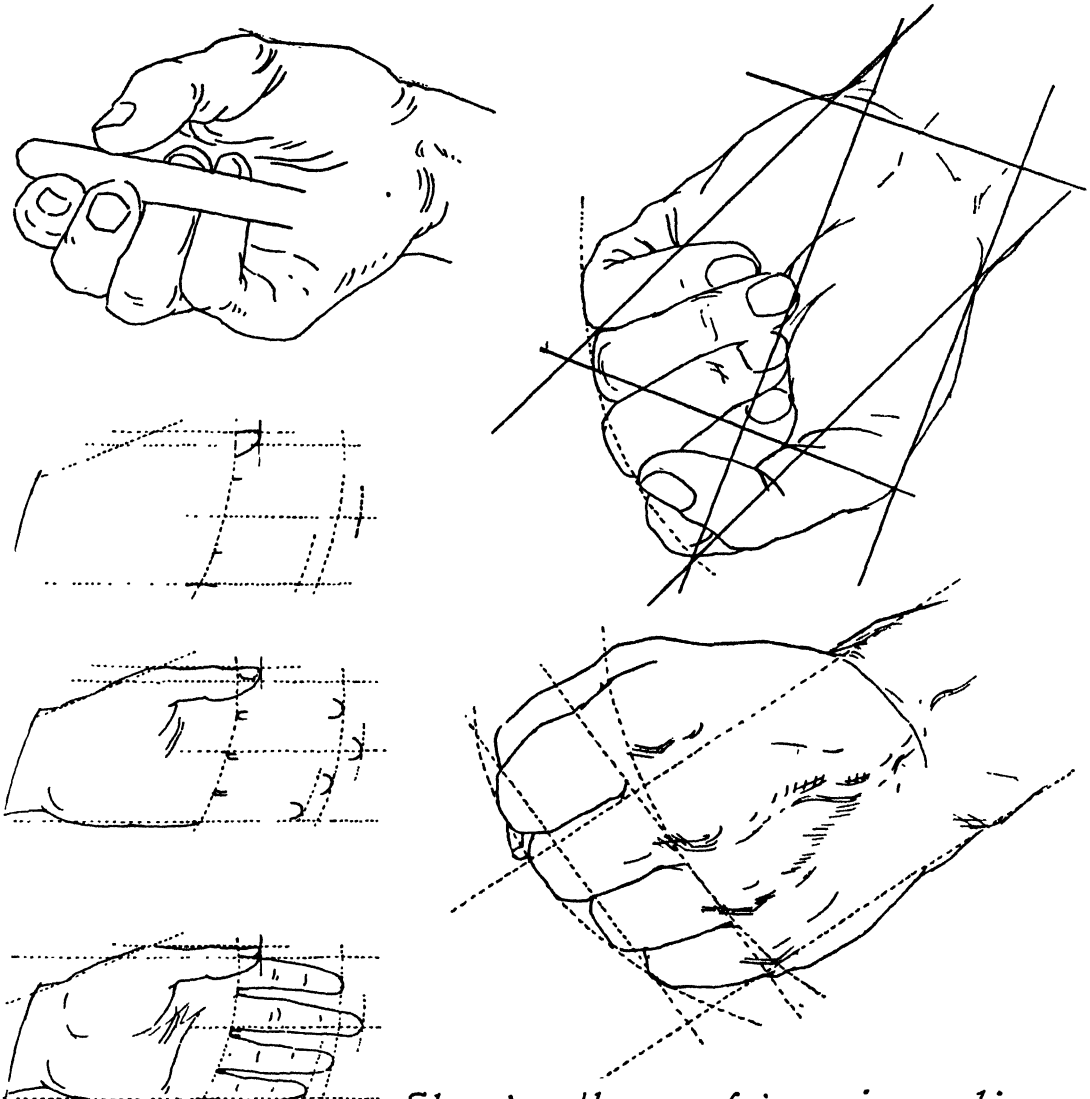

Extensor of Index
Extensor Digitorum Communis
First Interosseus
Extensor Carpi Radialis brevis
Extensor Carpi Radialis Longus
Flexor Profundis Digitorum
Flexor Sublimis Digitorum
1st Lubrical Muscle
Supinator Longus
Flexor Carpi Radialis
Abductor Pollicis Longus
Extensor Pollicis Longus
Extensor Pollicis Brevis
Abductor Pollicis Brevis
Adductor Pollicis Transverse Head
Adductor Pollicis Oblique Head



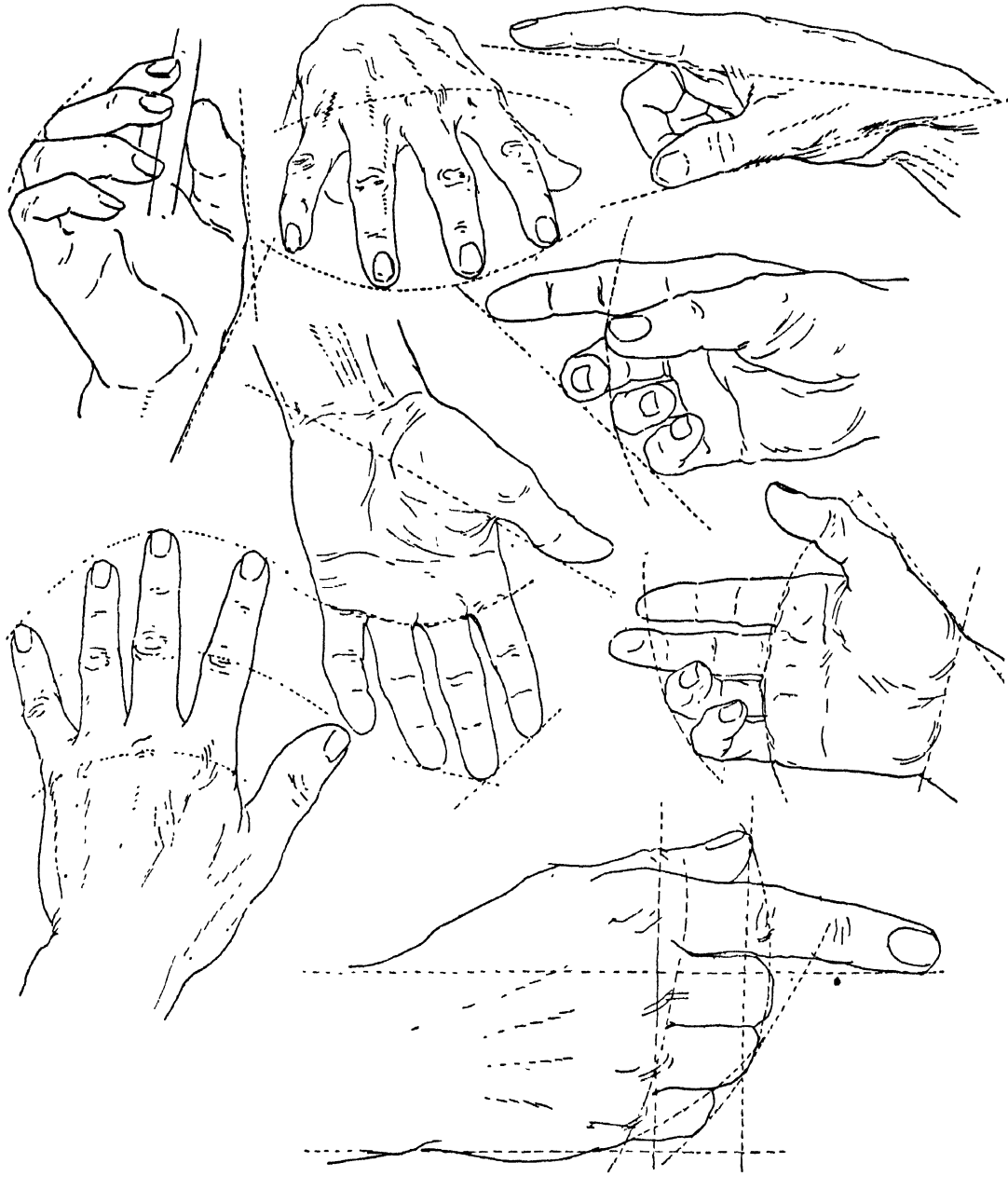
Studies of hands
Method of blocking



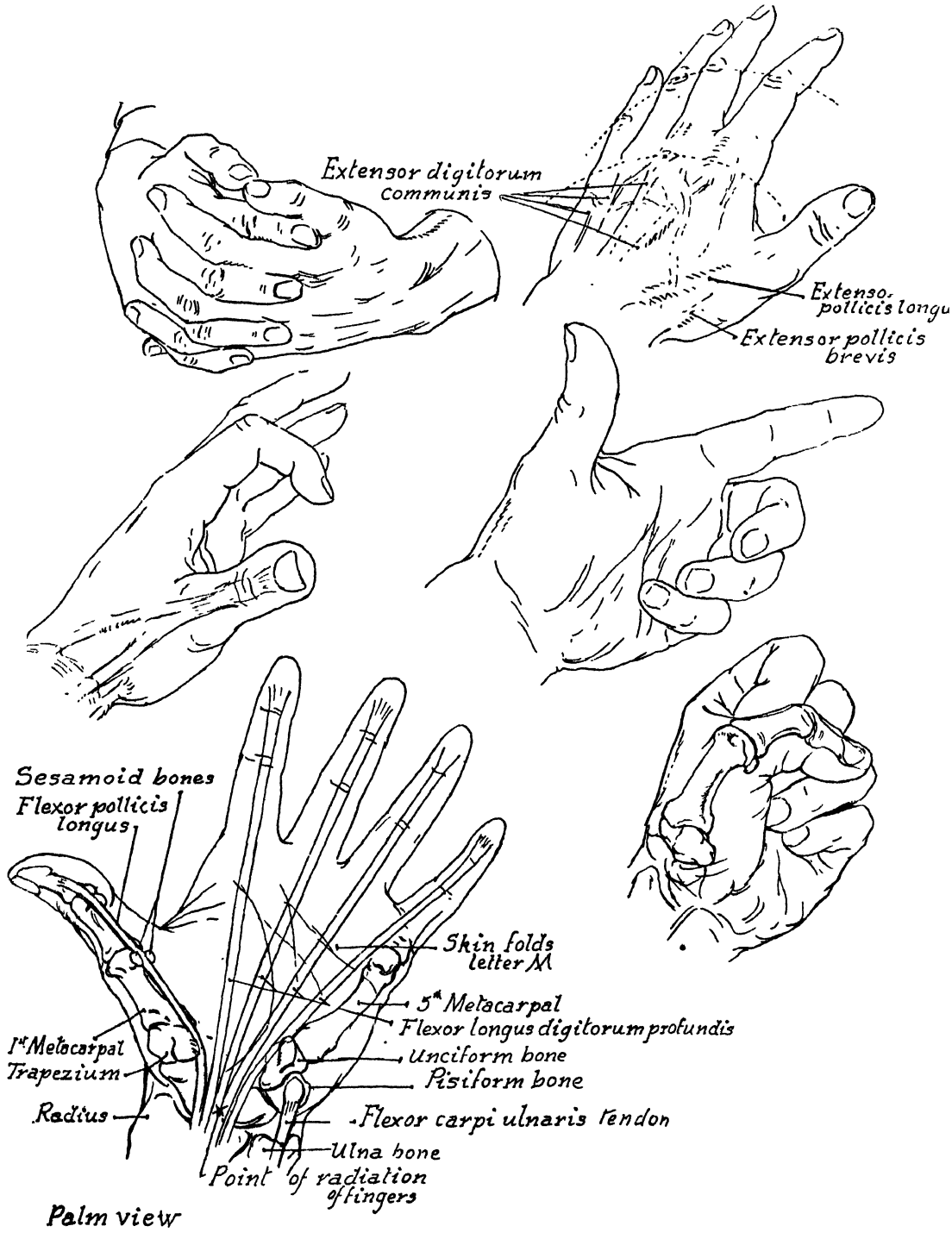


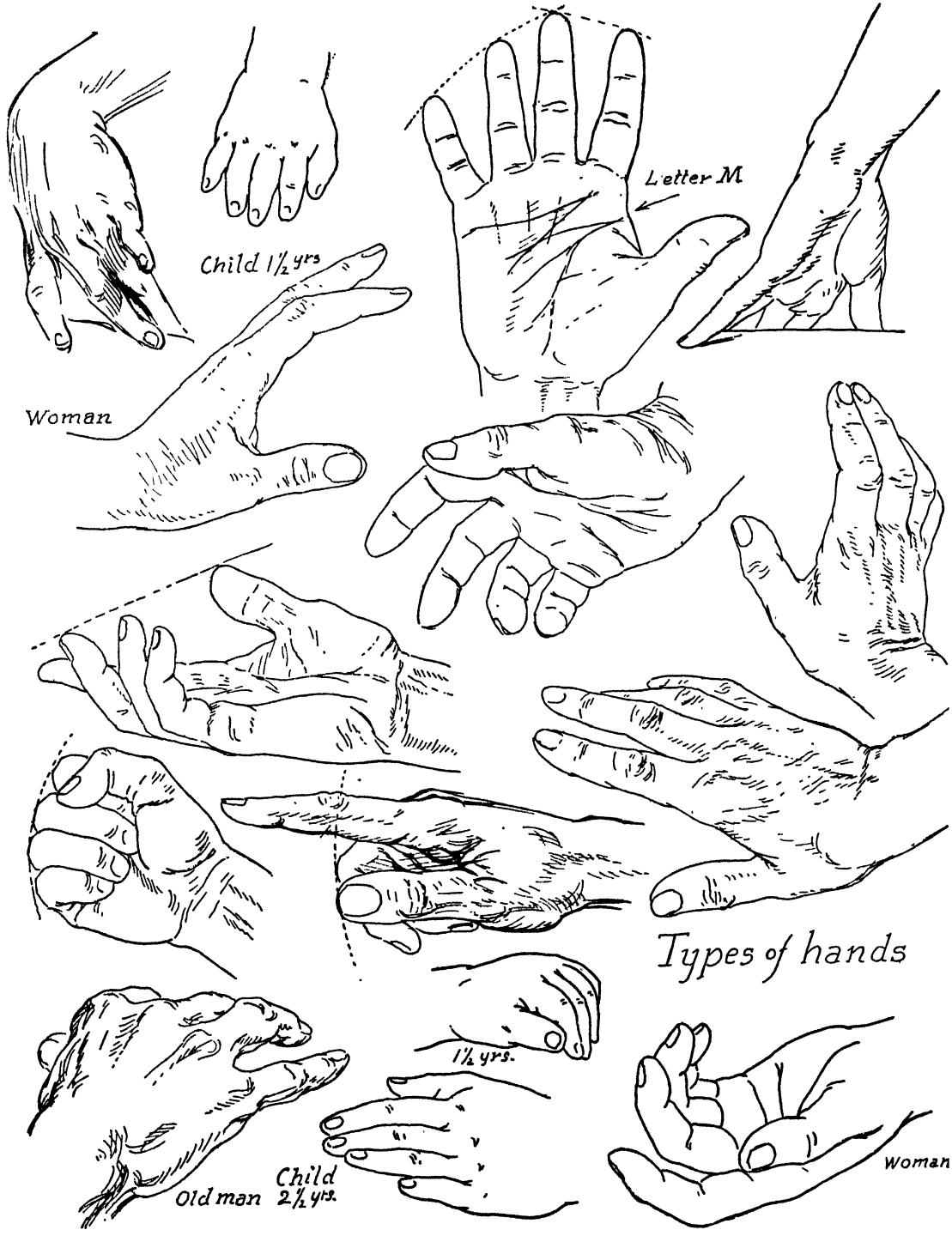


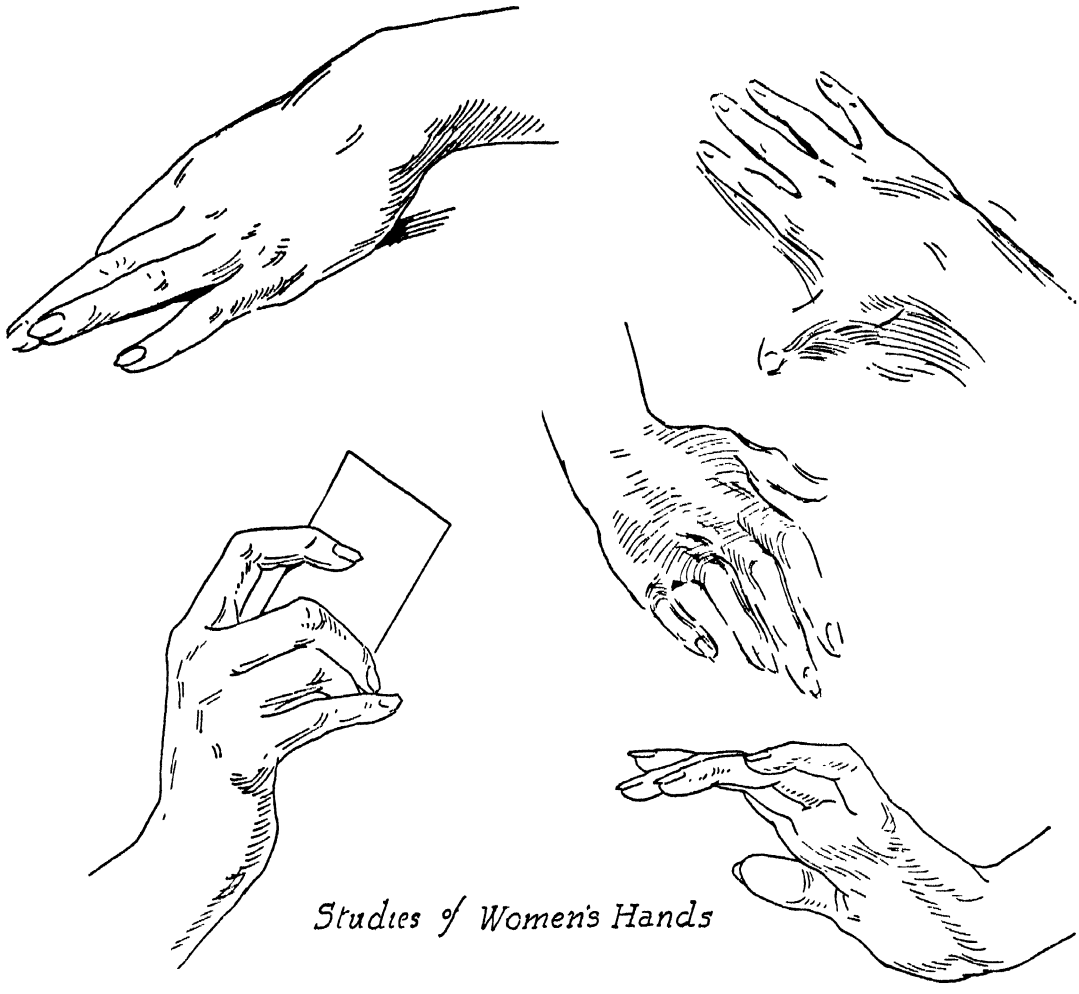
Showing the use of imaginary lines to obtain proportion



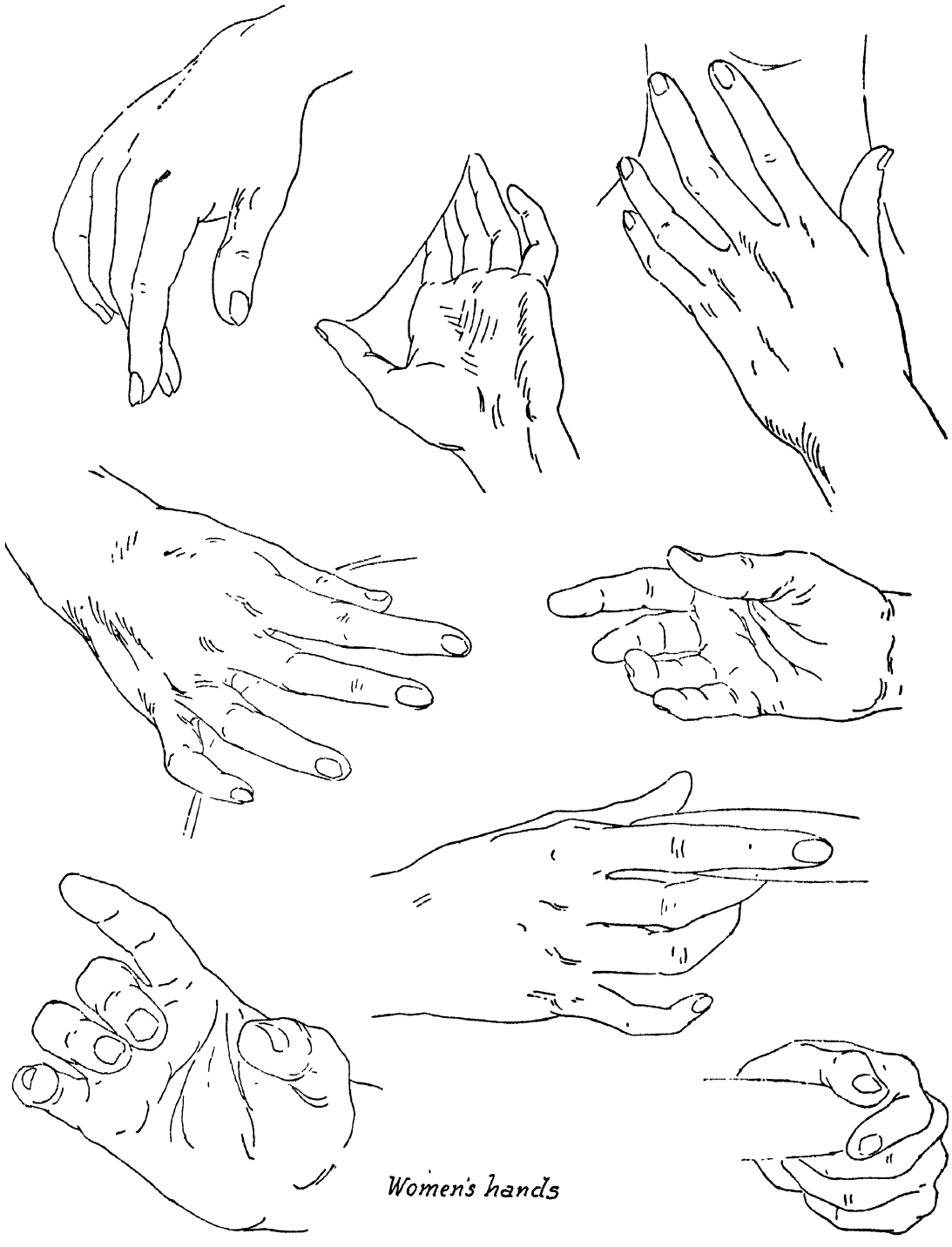
Studies of hands with use of imaginary line for proportion


Extensor digitorum communis
Extenso. pollicis longu
Extensor pollicis brevis
Sesamoid bones
Flexor pollicis longus
Skin folds letter M
5th Metacarpal
Flexor longus digitorum profundis
1st Metacarpal
Trapezium
Unciform bone
Pisiform bone
Radius
Flexor carpi ulnaris tendon
Ulna bone
Point of radiation of fingers
Palm view

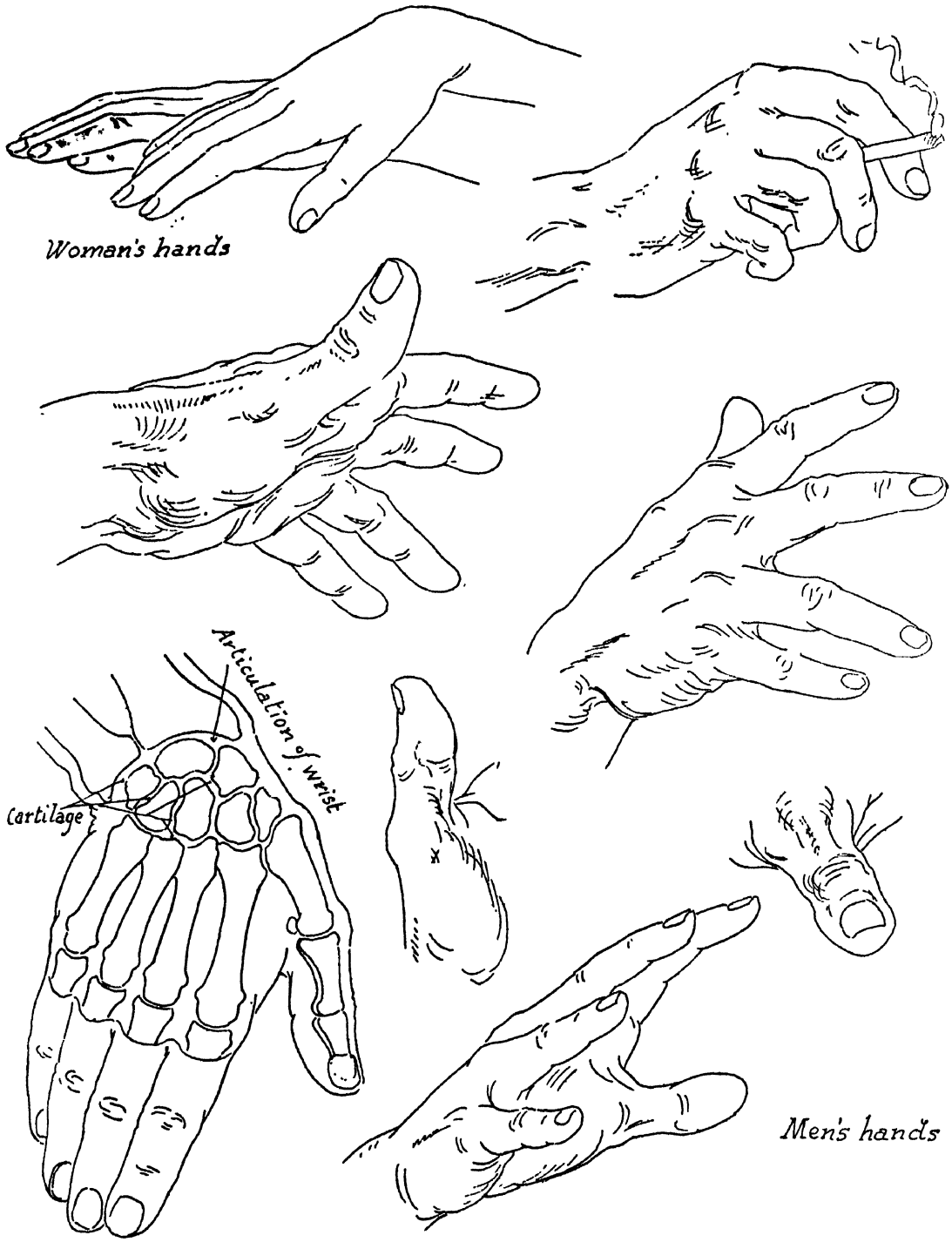

Letter M
Child 1½ yrs
Woman
Types of hands
1½ yrs.
Old man
Child 2½ yrs.
Woman

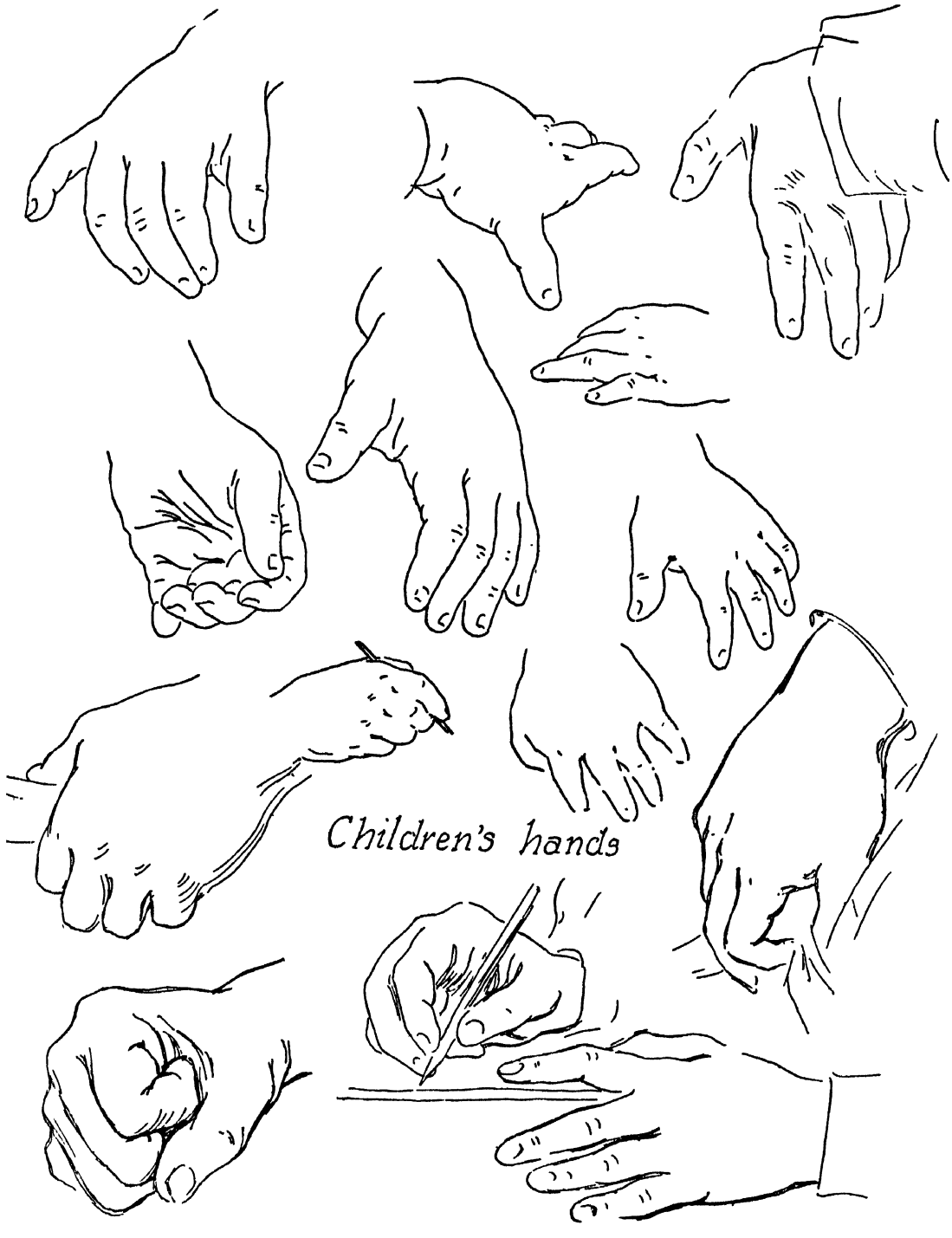


Studies of Women's Hands

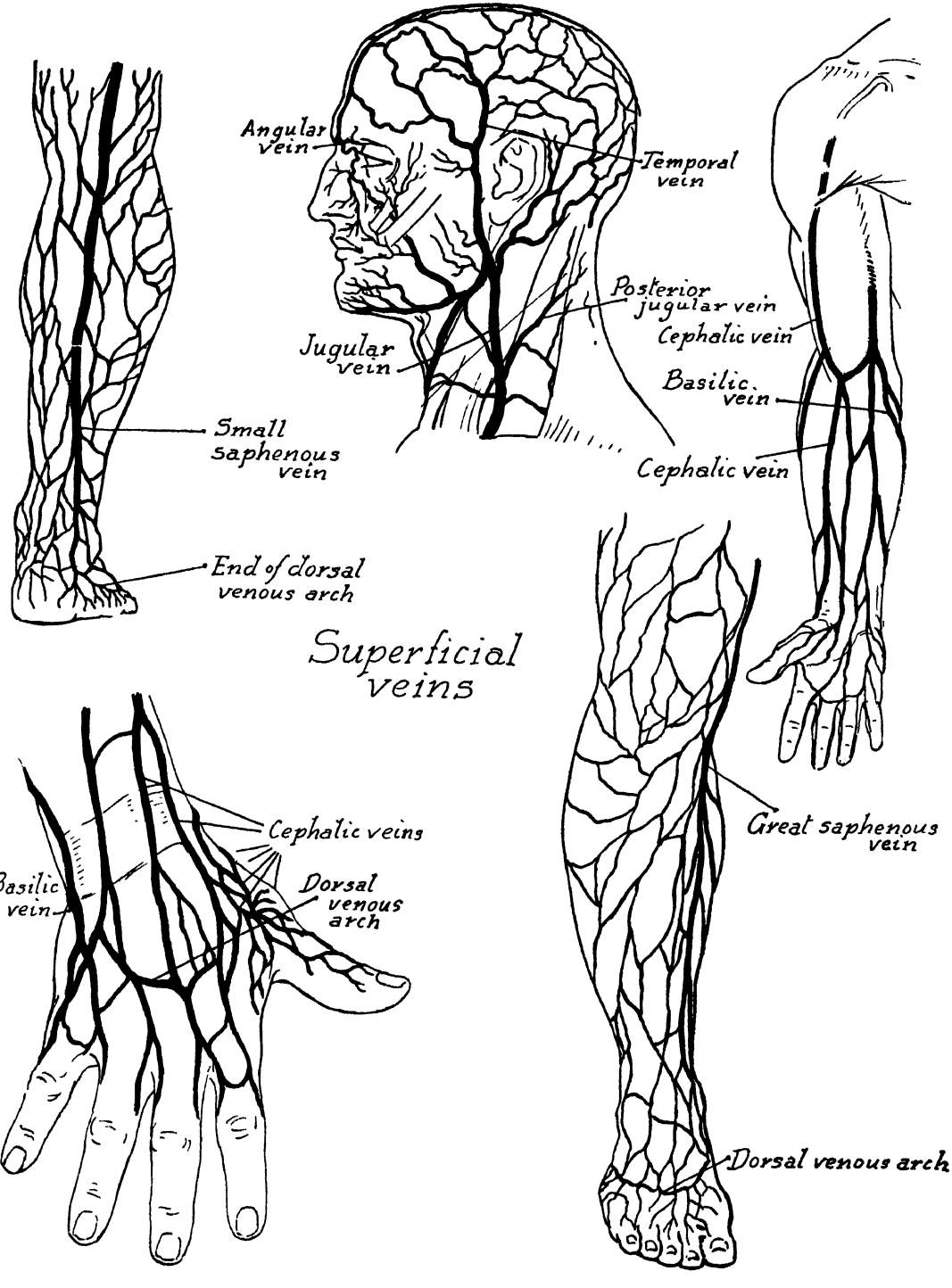


Women's hands

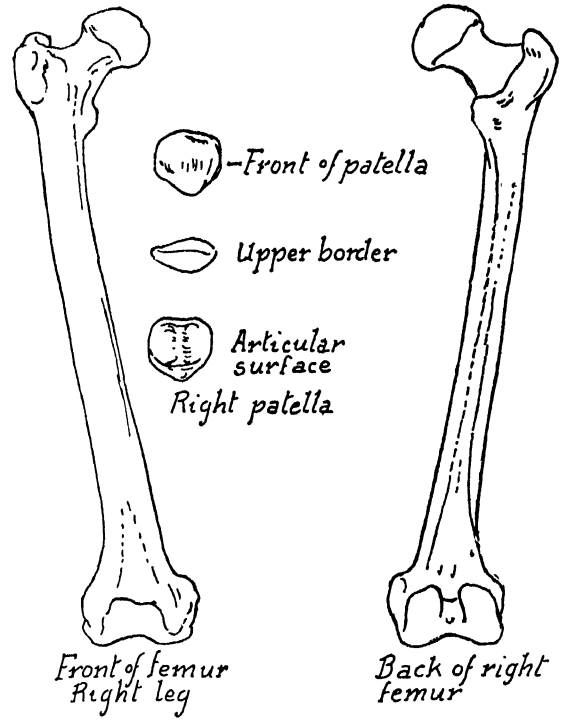

Woman's hands
Articulation of wrist
Cartilage
Men's hands

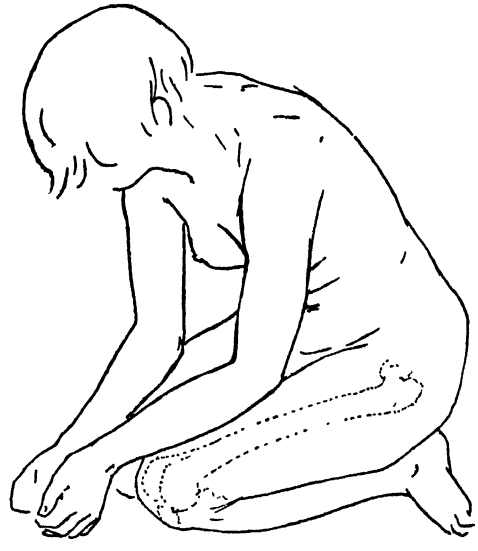

Children's hands

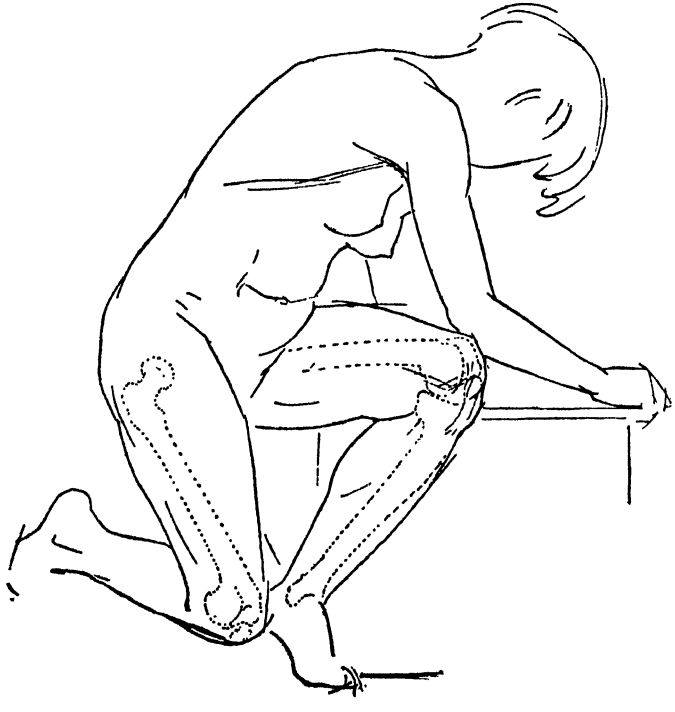
Types of hands

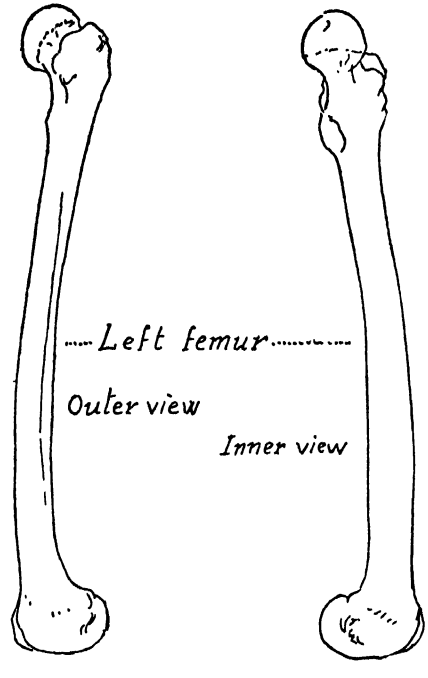

Angular vein
Temporal vein
Posterior jugular vein
Cephalic vein
Jugular vein
Basilic vein
Small saphenous vein
Cephalic vein
End of dorsal venous arch
Superficial veins
Cephalic veins
Basilic vein
Dorsal venous arch
Great saphenous vein
Dorsal venous arch

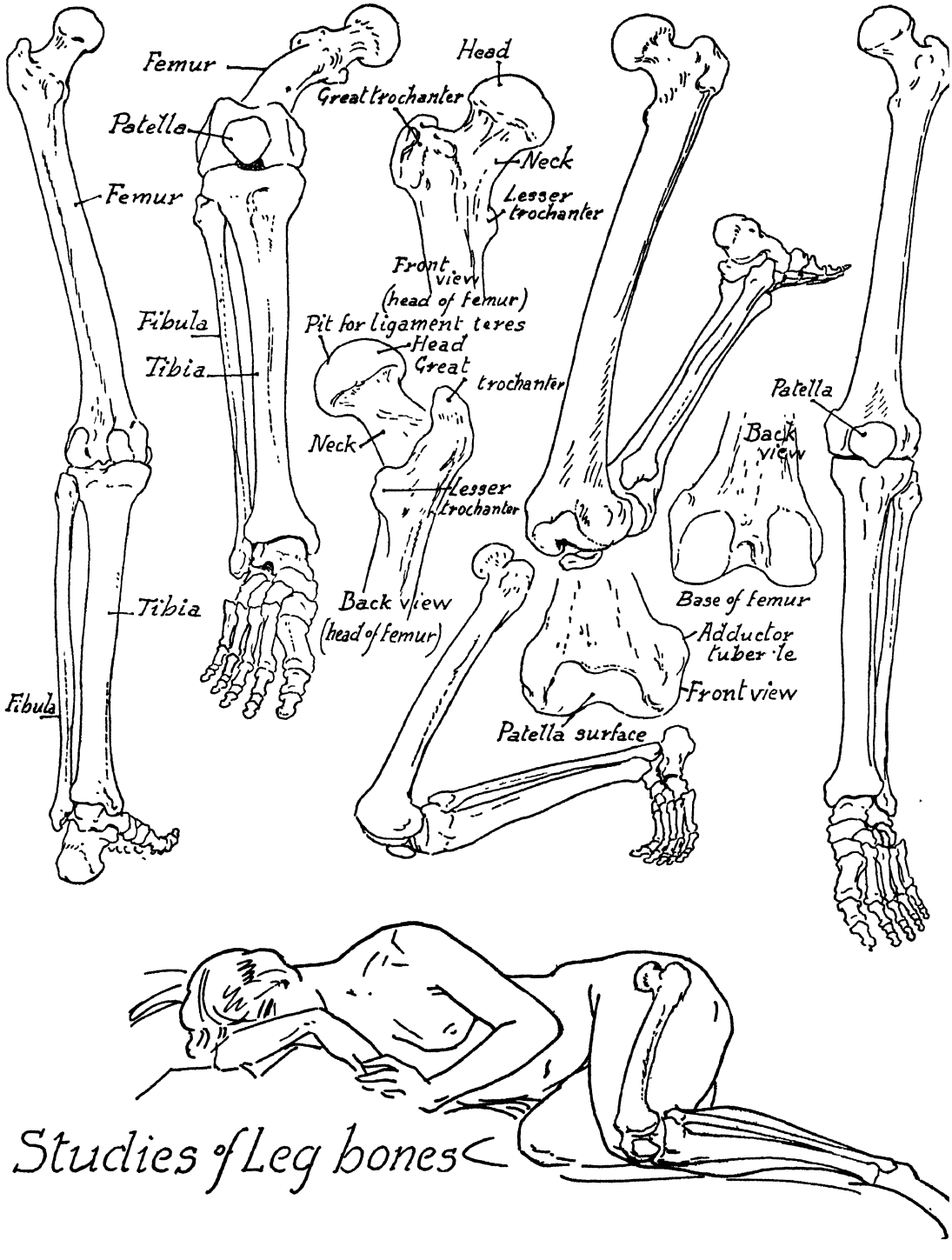
PART VII
THE LEG

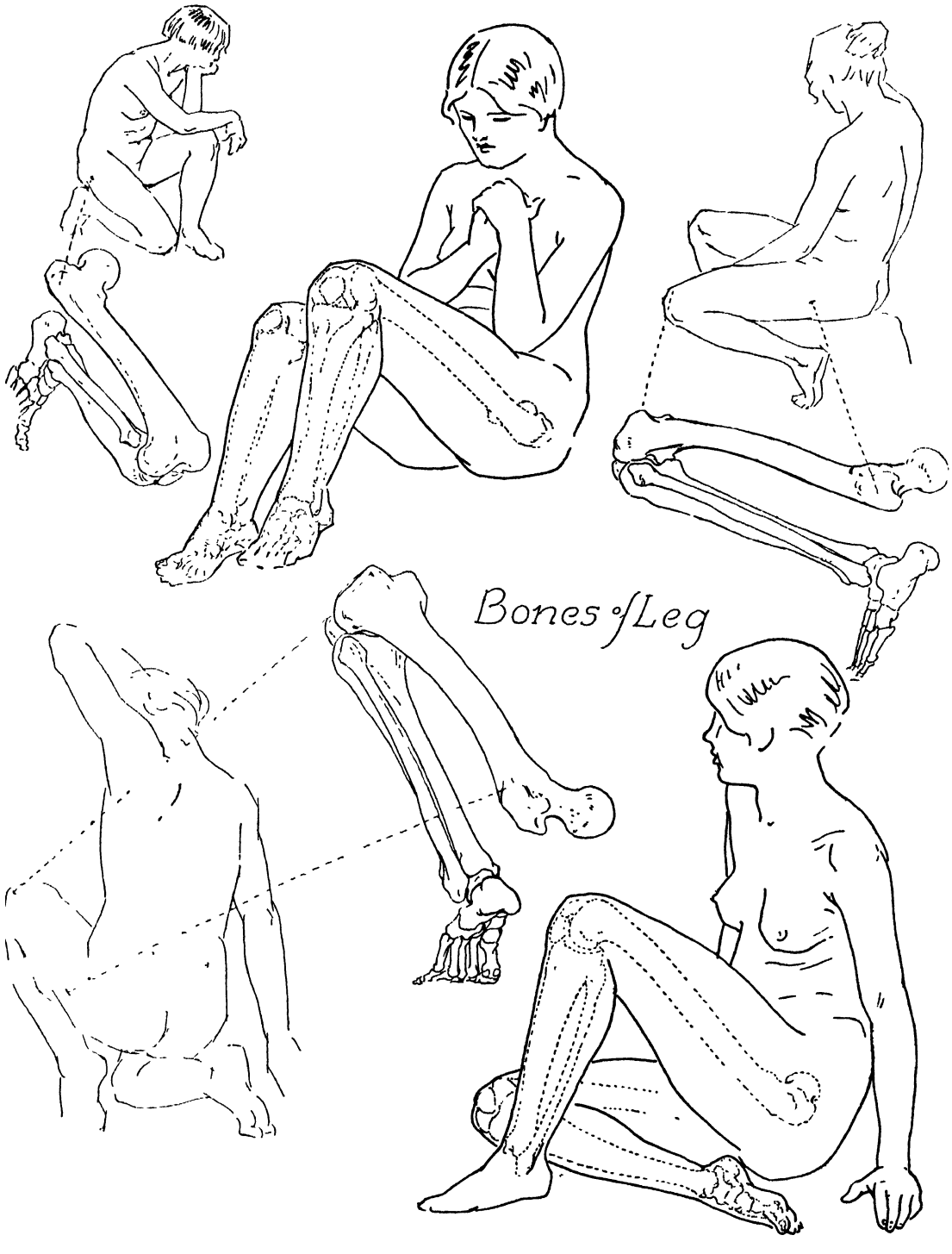

Front of patella
Upper border
Articular surface
Right patella
Front of femur
Right leg
Back of right femur



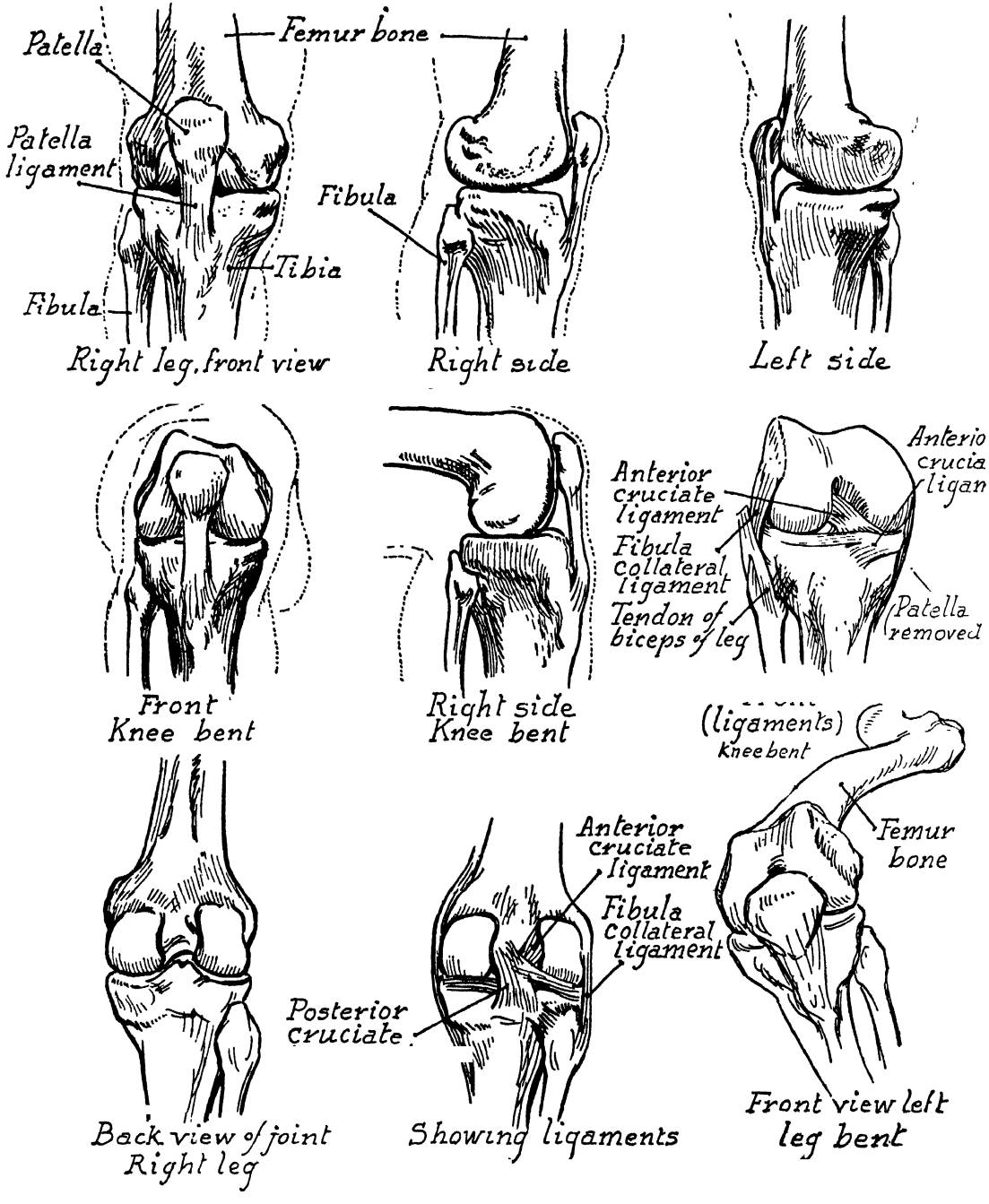


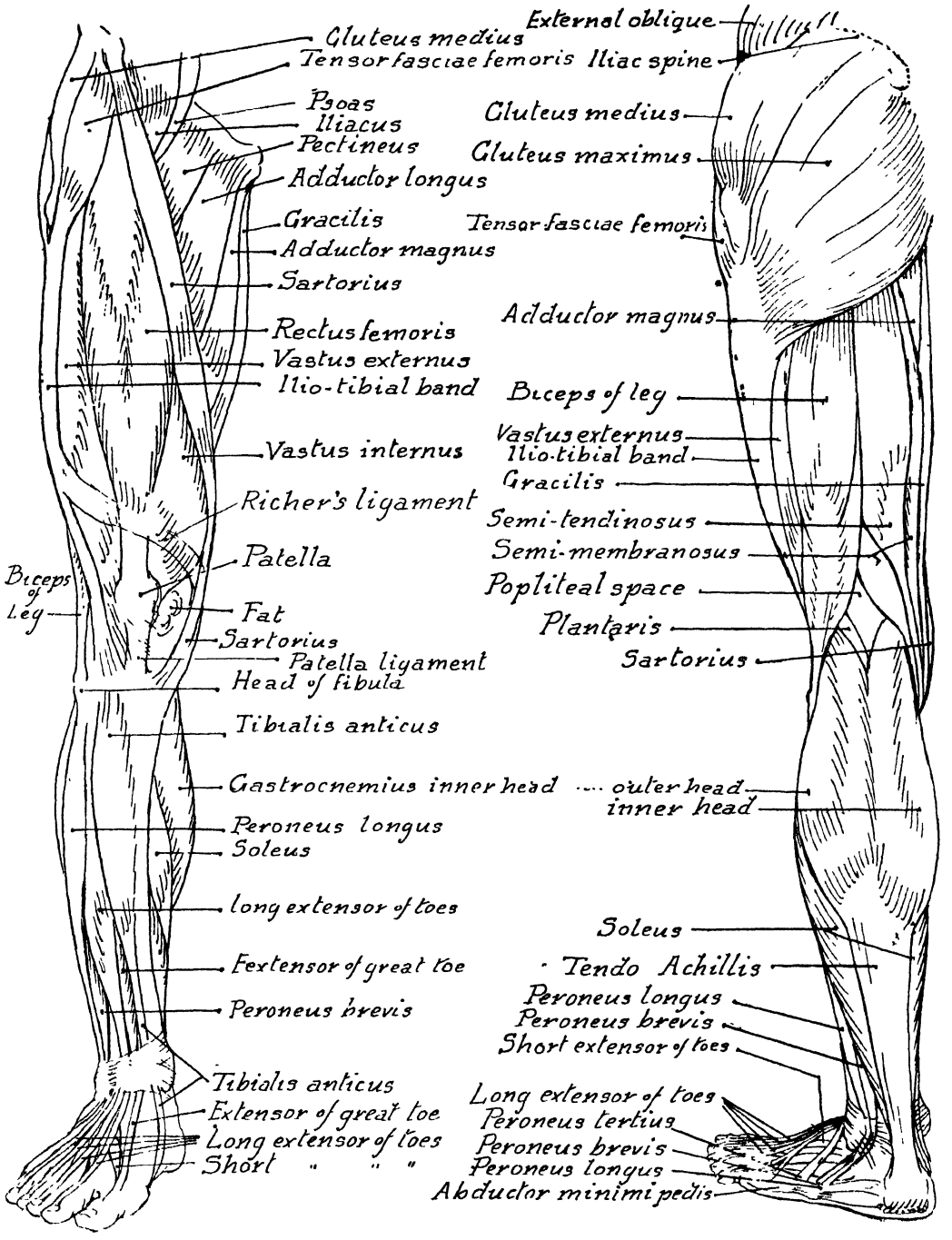

Left femur
Outer view
Inner view

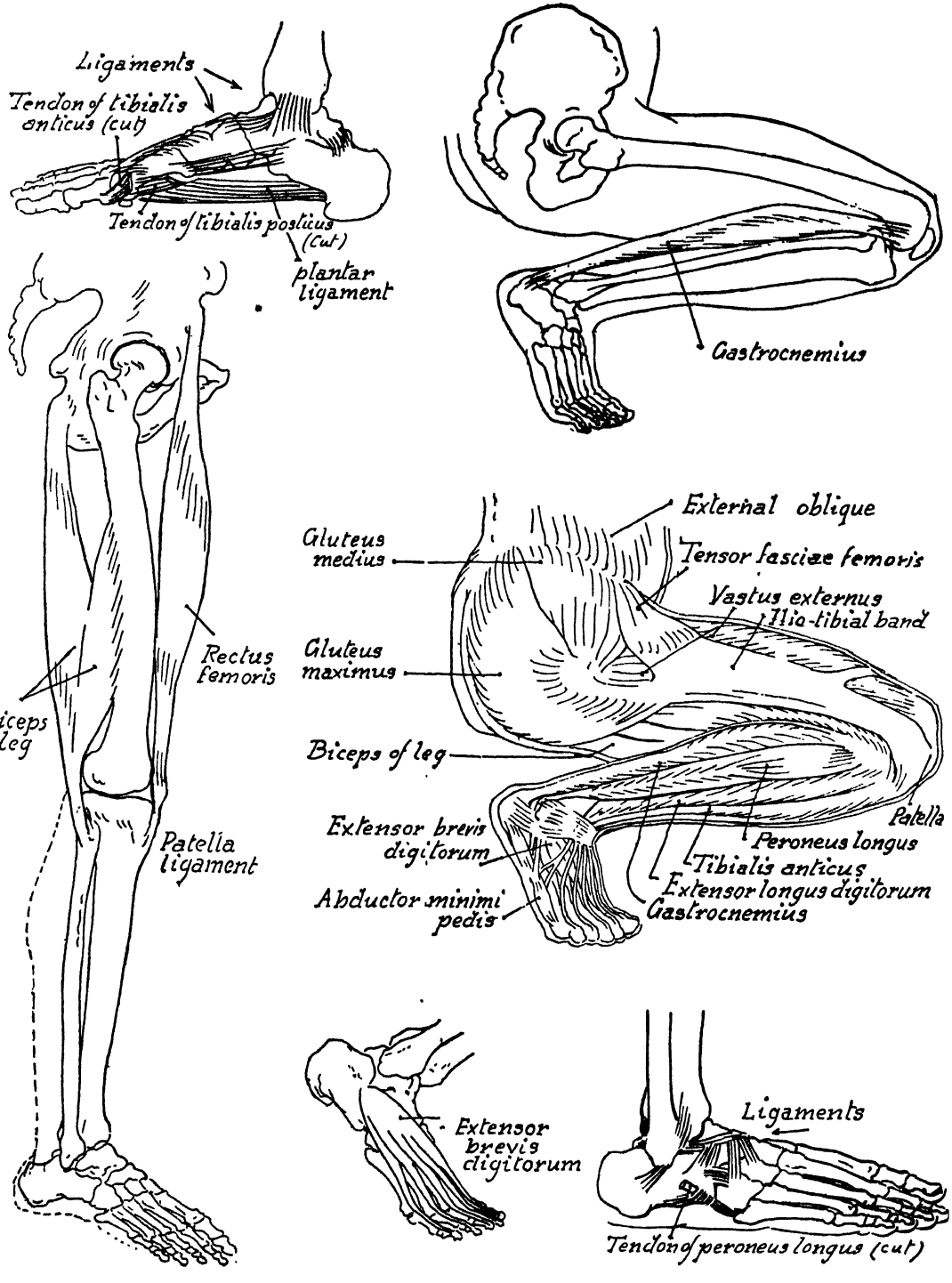

Femur
Patella
Femur
Fibula
Tibia
Tibia
Fibula
Head
Great trochanter
Neck
Lesser trochanter
Front view (head of femur)
Pit for ligament teres
Head
Great trochanter
Neck
Lesser trochanter
Back view (head of femur)
Patella
Back view
Base of femur
Adductor tuberosity
Front view
Patella surface
Studies of Leg bones

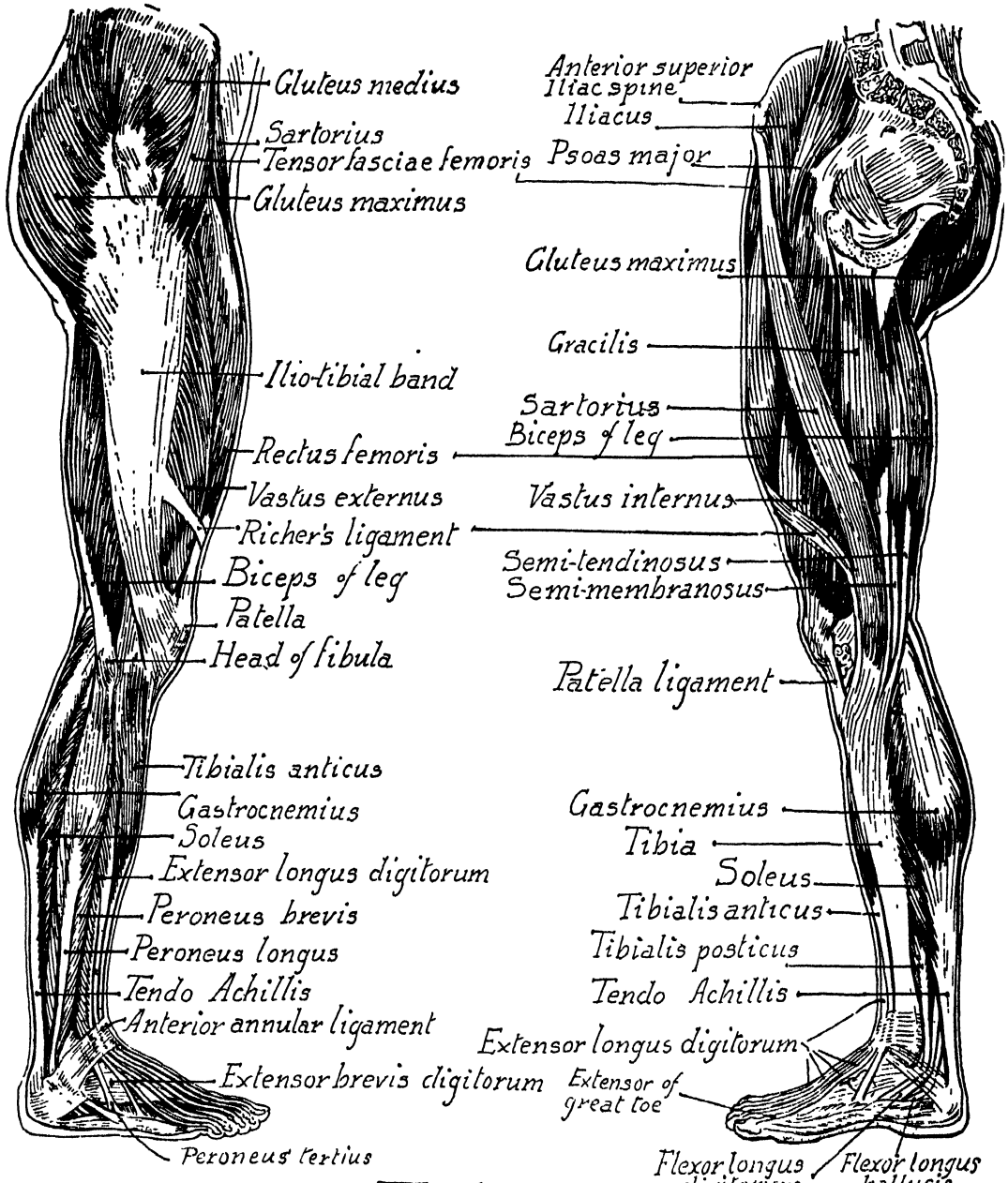

Bones of Leg

The Knee Joint




Gluteus medius
Tensor fasciae femoris
Psoas
Iliacus
Pectineus
Adductor longus
Gracilis
Adductor magnus
Sartorius
Rectus femoris
Vastus externus
Ilio-tibial band
Vastus internus
Richer's ligament
Patella
Biceps of Leg
Fat
Sartorius
Patella ligament
Head of fibula
Tibialis anticus
Gastrocnemius inner head
Peroneus longus
Soleus
long extensor of toes
Fextensor of great toe
Peroneus brevis
Tibialis anticus
Extensor of great toe
Long extensor of toes
Short " " "
External oblique
Iliac spine
Gluteus medius
Gluteus maximus
Tensor fasciae femoris
Adductor magnus
Biceps of leg
Vastus externus
Ilio-tibial band
Gracilis
Semi-tendinosus
Semi-membranosus
Popliteal space
Plantaris
Sartorius
outer head
inner head
Soleus
Tendo Achillis
Peroneus longus
Peroneus brevis
Short extensor of toes
Long extensor of toes
Peroneus tertius
Peroneus brevis
Peroneus longus
Abductor minimi pedis

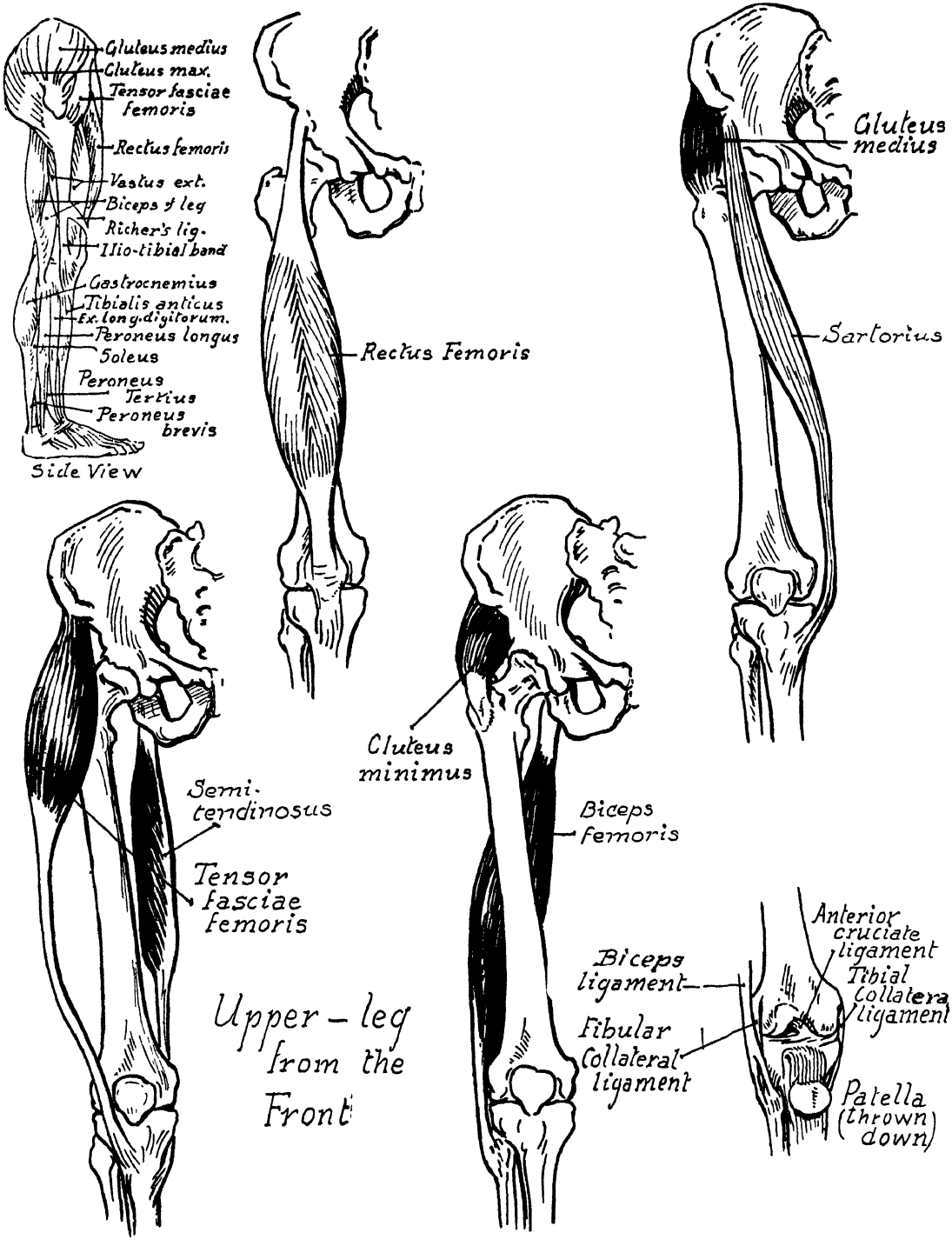

Ligaments
Tendon of tibialis anticus (cut)
Tendon of tibialis posticus (cut)
plantar ligament
Gastrocnemius
Rectus femoris
Biceps of leg
Patella ligament
External oblique
Gluteus medius
Tensor fasciæ femoris
Vastus externus
Ilio-tibial band
Gluteus maximus
Biceps of leg
Patella
Extensor brevis digitorum
Peroneus longus
Tibialis anticus
Extensor longus digitorum
Abductor minimi pedis
Gastrocnemius
Extensor brevis digitorum
Ligaments
Tendon of peroneus longus (cut)

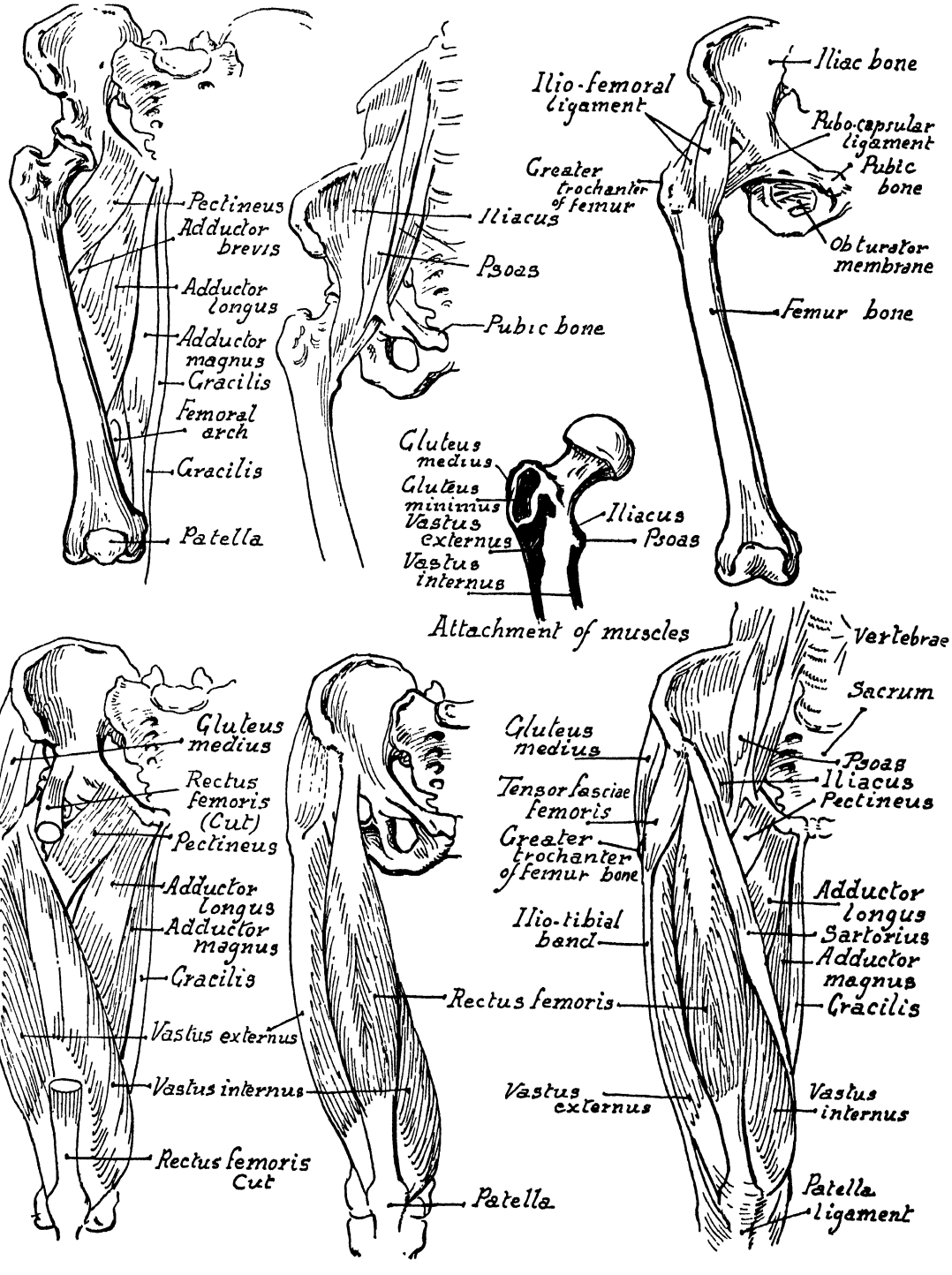


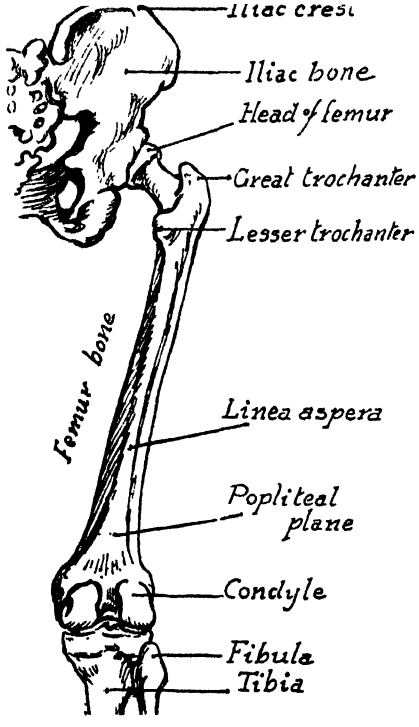
Outer view

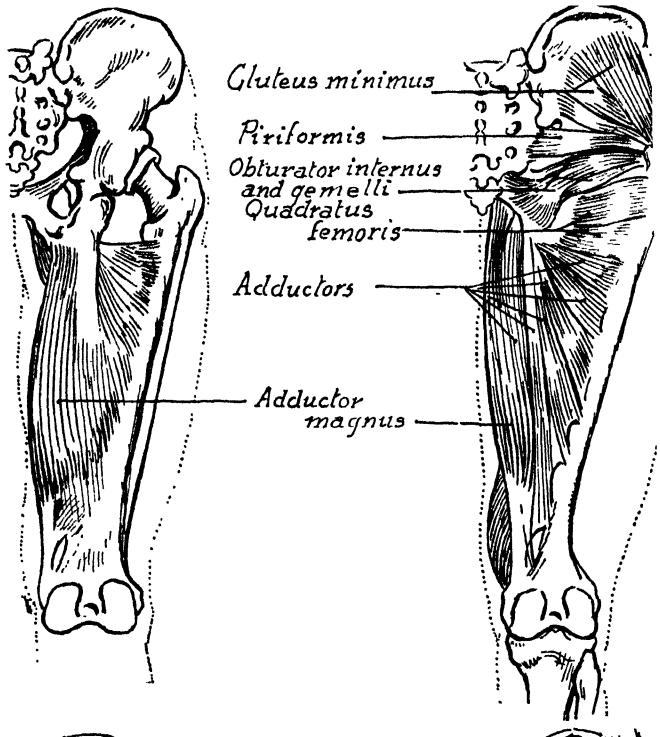
The leg

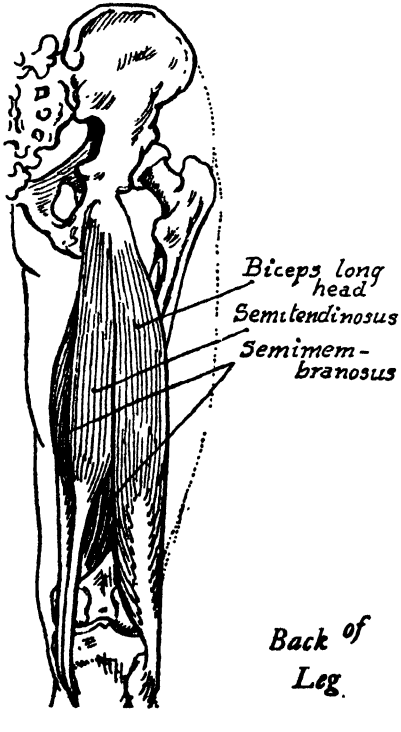
Inner view


Gluteus medius
Gluteus max.
Tensor fasciae femoris
Rectus femoris
Vastus ext.
Biceps of leg
Richer's lig.
Ilio-tibial band
Gastrocnemius
Tibialis anticus
Ex. long. digitorum.
Peroneus longus
Soleus
Peroneus Tertius
Peroneus brevis
Side View
Rectus Femoris
Gluteus medius
Sartorius
Semi-tendinosus
Tensor fasciae femoris
Upper-leg from the Front
Gluteus minimus
Biceps femoris
Anterior cruciate ligament
Tibial collateral ligament
Biceps ligament
Fibular Collateral ligament
Patella (thrown down)

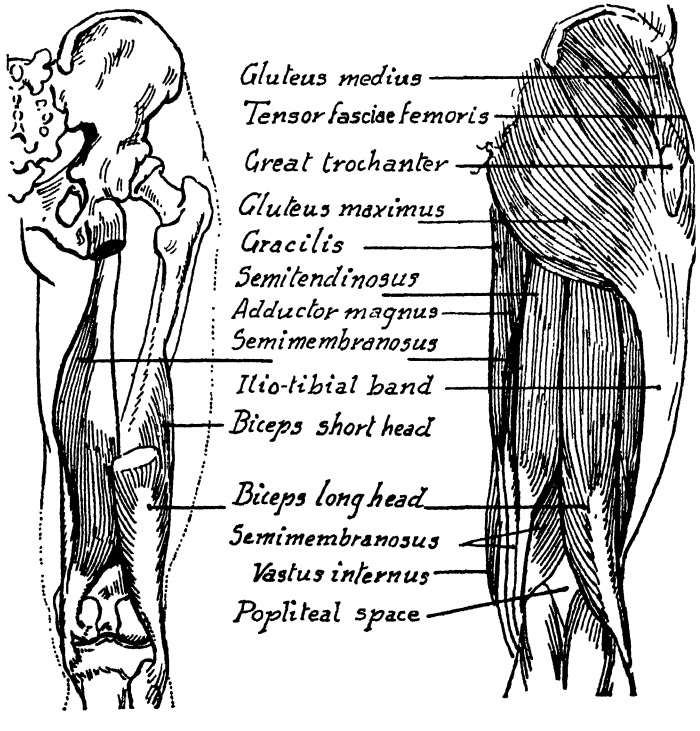

Pectineus
Adductor brevis
Adductor longus
Adductor magnus
Gracilis
Femoral arch
Gracilis
Patella
Iliacus
Psoas
Pubic bone
Ilio-femoral ligament
Greater trochanter of femur
Iliac bone
Pubo-capsular ligament
Pubic bone
Obturator membrane
Femur bone
Gluteus medius
Gluteus minimus
Vastus externus
Vastus internus
Iliacus
Psoas
Attachment of muscles
Gluteus medius
Rectus femoris (Cut)
Pectineus
Adductor longus
Adductor magnus
Gracilis
Vastus externus
Vastus internus
Rectus femoris Cut
Rectus femoris
Patella
Gluteus medius
Tensor fasciae femoris
Greater trochanter of femur bone
Ilio-tibial band
Vastus externus
Vertebrae
Sacrum
Psoas
Iliacus
Pectineus
Adductor longus
Sartorius
Adductor magnus
Gracilis
Vastus internus
Patella
Patella ligament

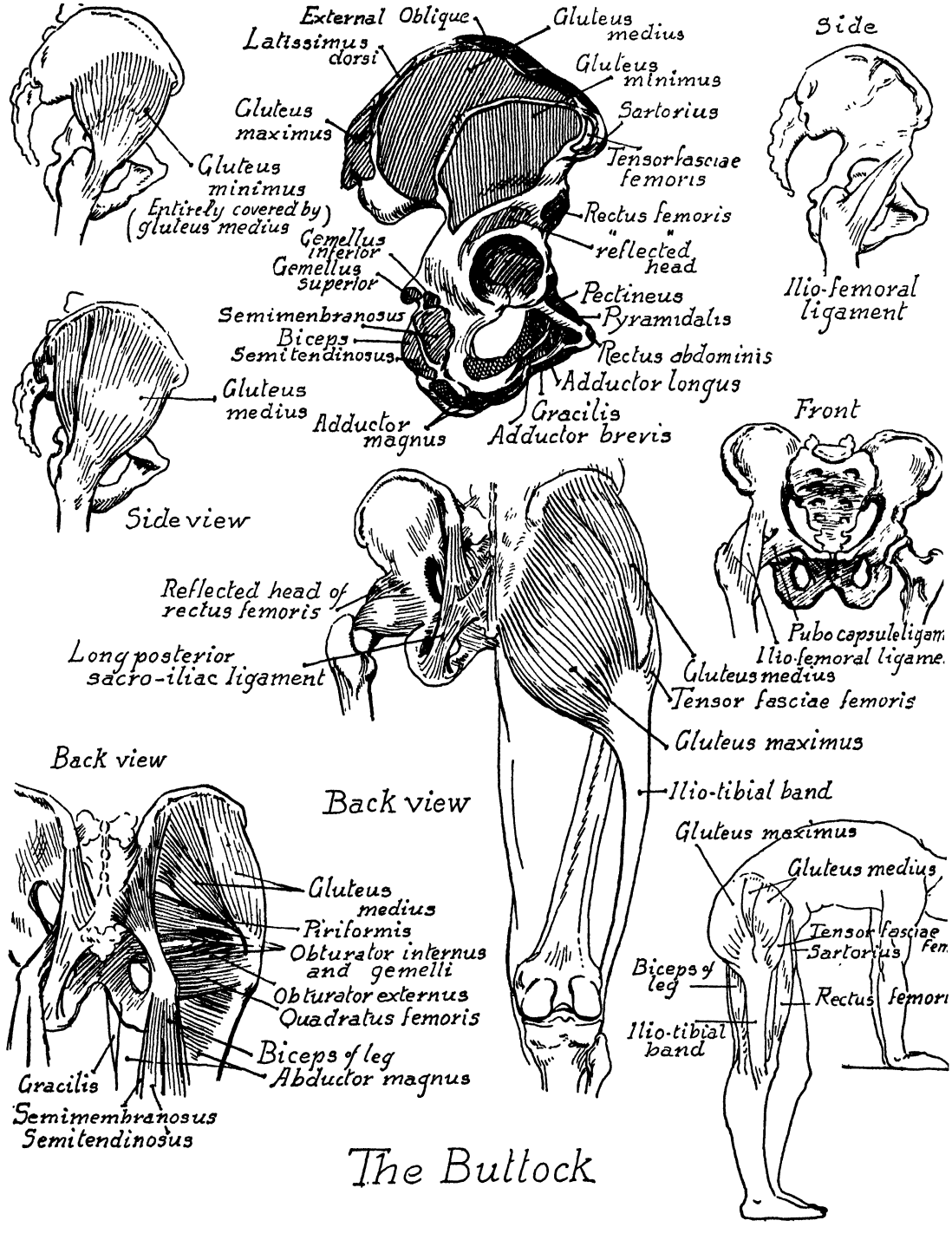

Iliac crest
Iliac bone
Head of femur
Great trochanter
Lesser trochanter
Femur bone
Linea aspera
Popliteal plane
Condyle
Fibula
Tibia


Gluteus minimus
Piriformis
Obturator internus and gemelli
Quadratus femoris
Adductors
Adductor magnus


Biceps long head
Semitendinosus
Semimembranosus

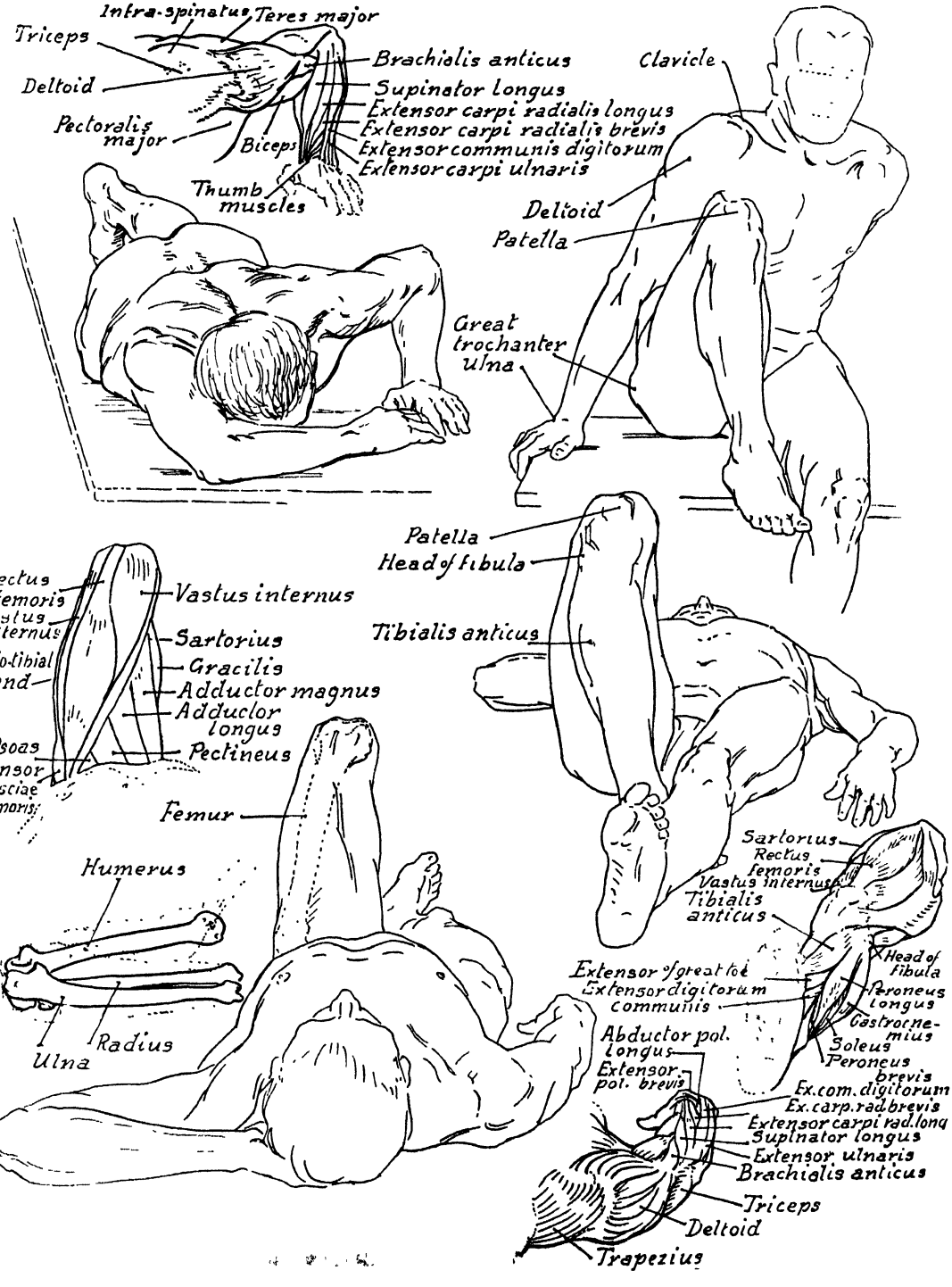
Back of Leg.

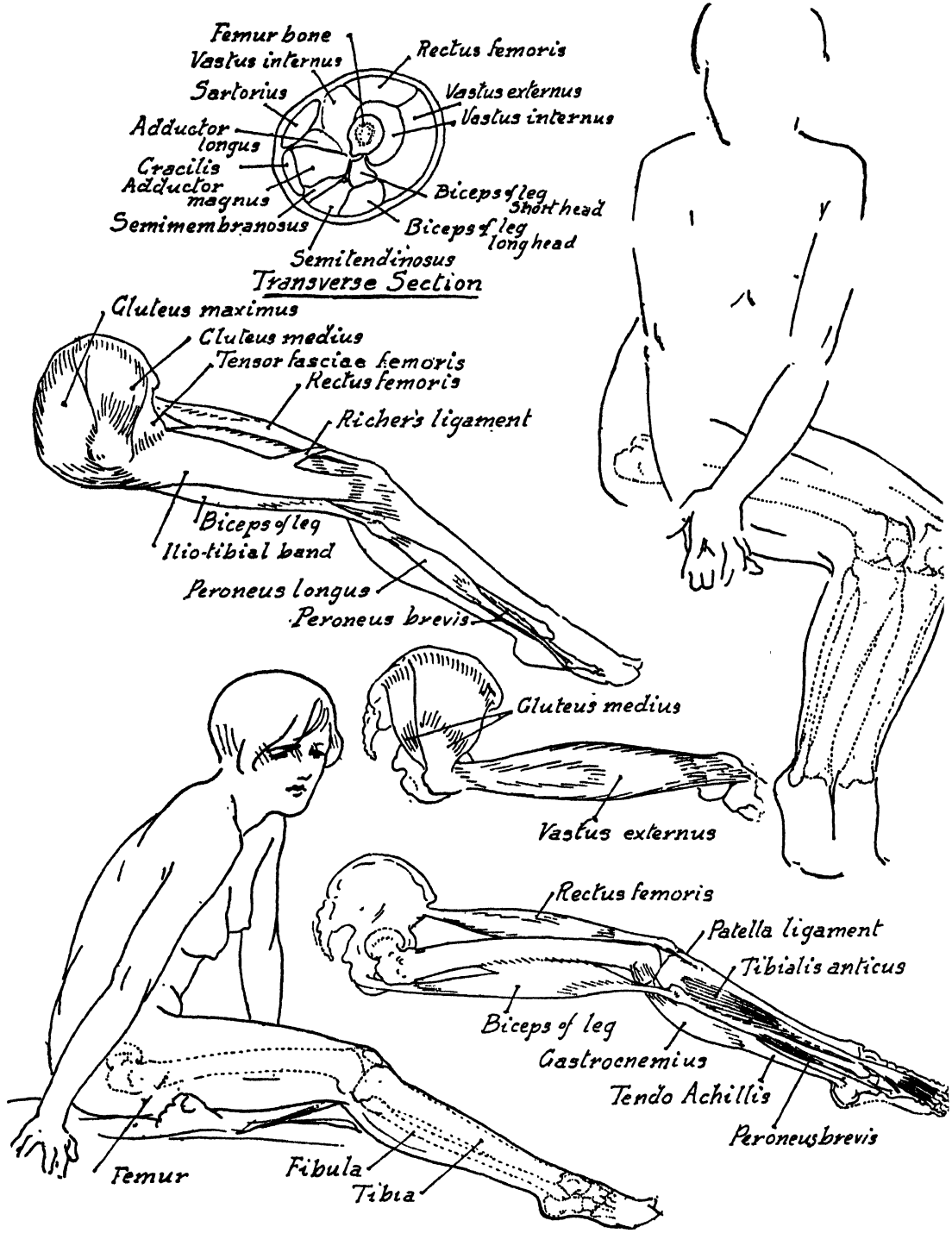

Gluteus medius
Tensor fasciae femoris
Great trochanter
Gluteus maximus
Gracilis
Semitendinosus
Adductor magnus
Semimembranosus
Ilio-tibial band
Biceps short head
Biceps long head
Semimembranosus
Vastus internus
Popliteal space

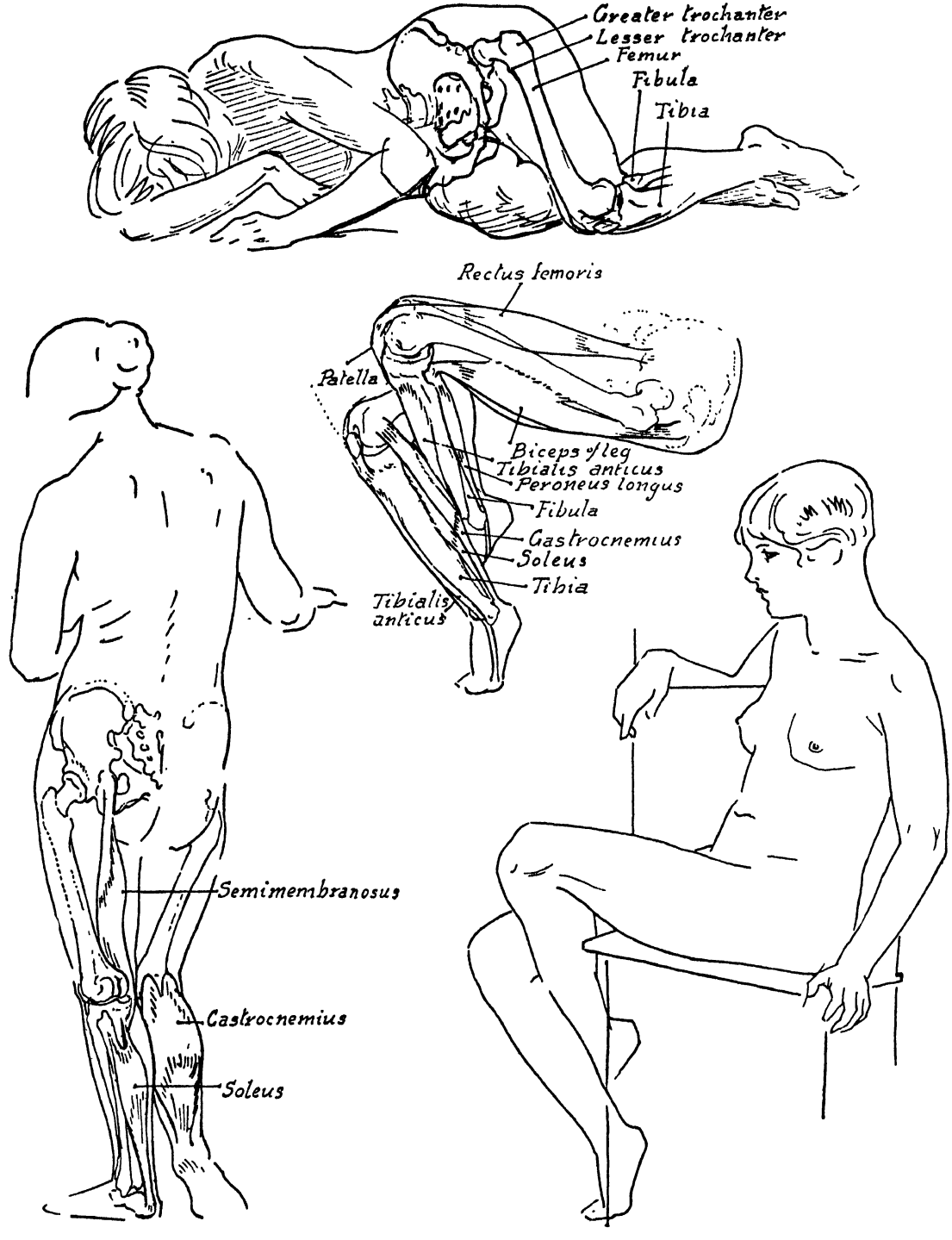

External Oblique
Latissimus dorsi
Gluteus medius
Gluteus minimus
Sartorius
Gluteus maximus
Tensor fasciae femoris
Gluteus minimus
(Entirely covered by gluteus medius)
Rectus femoris
" reflected head
Gemellus inferior
Gemellus superior
Pectineus
Pyramidalis
Semimenbranosus
Biceps
Semitendinosus
Rectus abdominis
Adductor longus
Gracilis
Adductor magnus
Adductor brevis
Side
Ilio-femoral ligament
Gluteus medius
Side view
Front
Reflected head of rectus femoris
Long posterior sacro-iliac ligament
Pubo capsuleligam
Ilio-femoral ligame
Gluteus medius
Tensor fasciae femoris
Gluteus maximus
Ilio-tibial band
Back view
Back view
Gluteus medius
Piriformis
Obturator internus and gemelli
Obturator externus
Quadratus femoris
Biceps of leg
Abductor magnus
Gracilis
Semimembranosus
Semitendinosus
Gluteus maximus
Gluteus medius
Tensor fasciae
Sartorius
Biceps of leg
Rectus femori
Ilio-tibial band

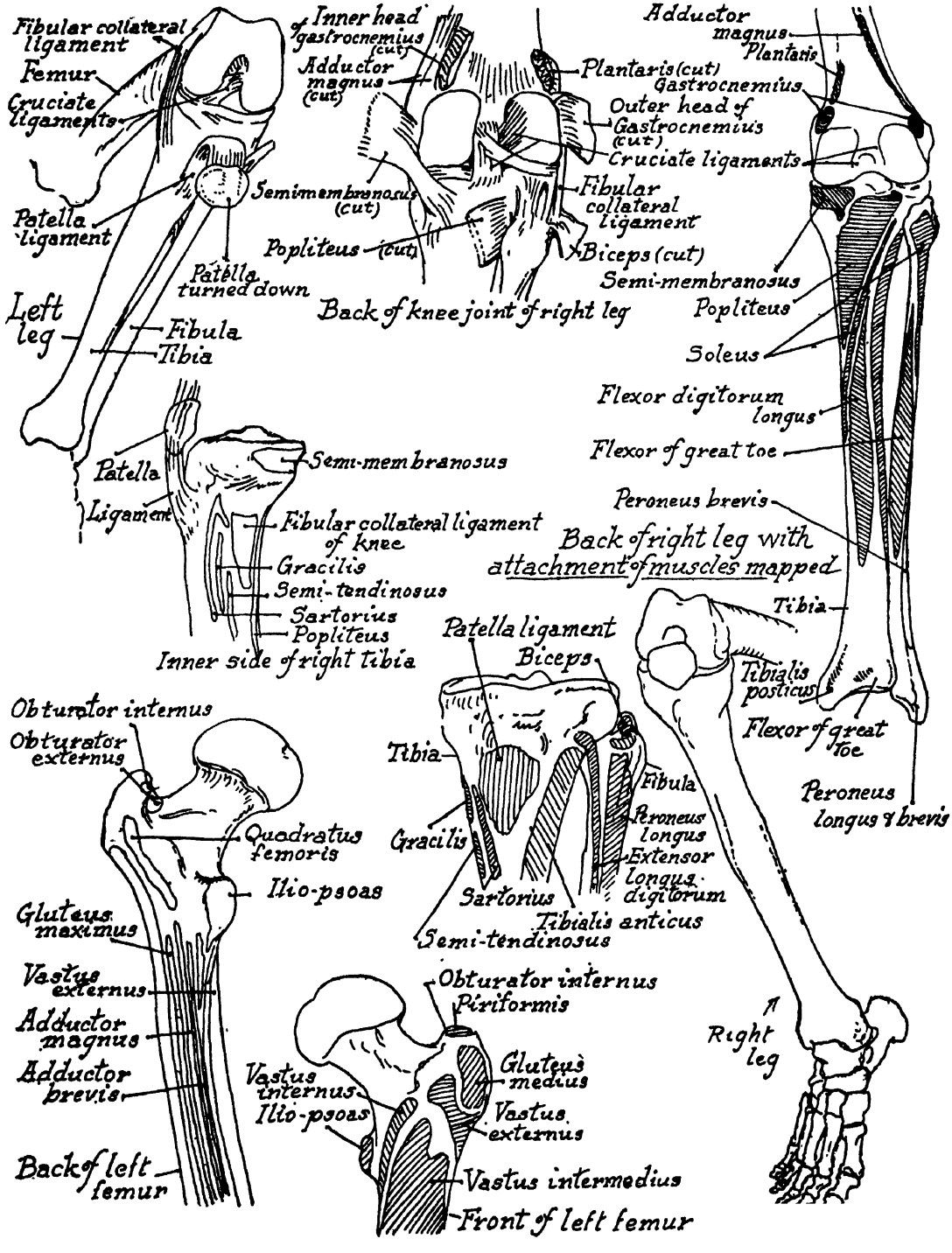
The Buttock

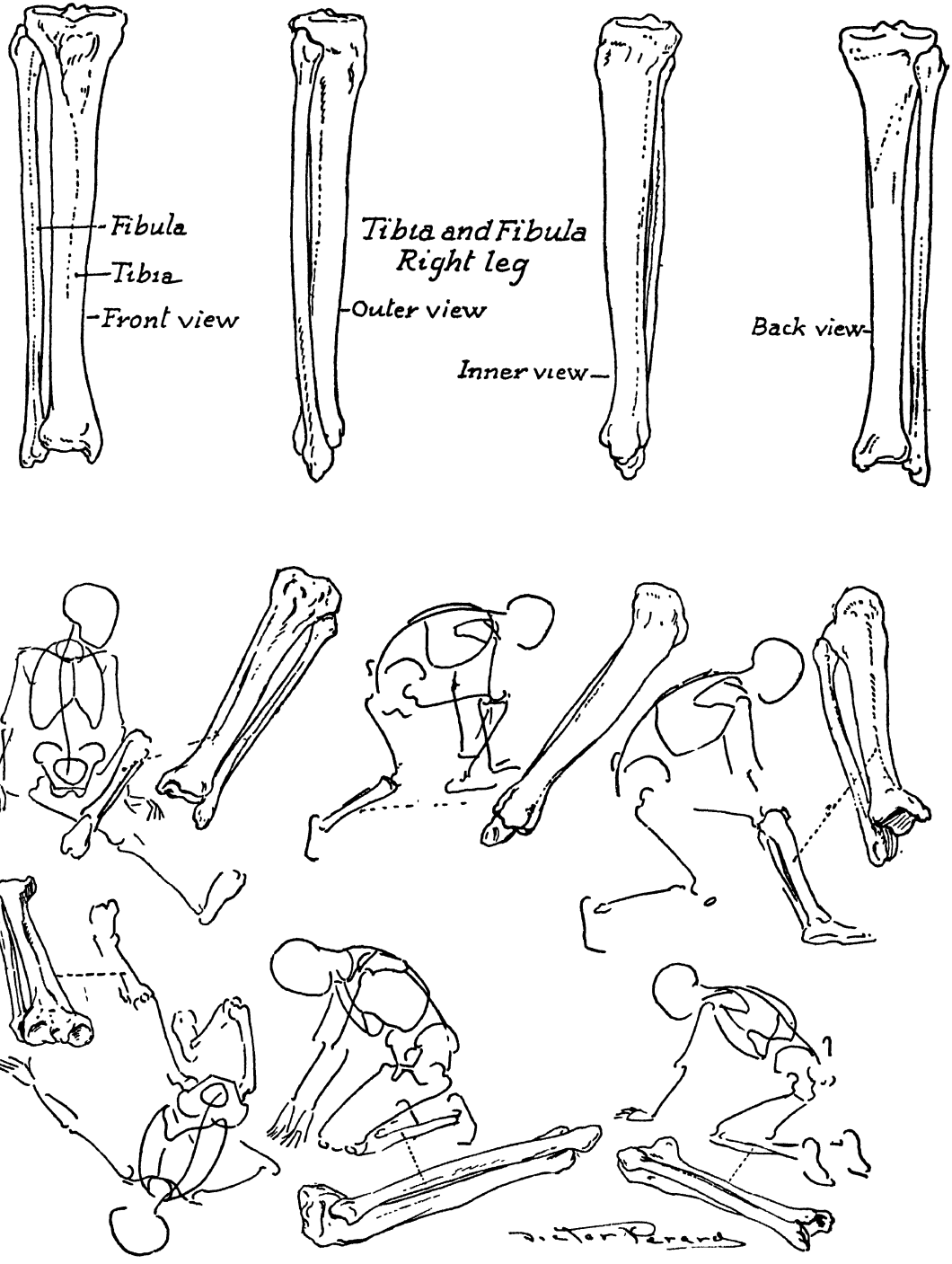

Biceps
Supinator longus
Deltoid
Supinator longus
Brachialis anticus
Teres major
Pectoralis major
Coraco-brachialis
Psoas major
Iliacus
Tensor fasciae femo
Sartorius
Ilio-tibial band
Pectineus
Adductor long
major
Rectus femo
Vastus ext.
Vastus int.
Supinator long.
Bicipital fascia
Biceps
Deltoid
Flexor ulnaris
Condyle of humerus
Triceps
Coraco-brachialis
Teres major
Latissimus dorsi
Pectoralis major
Rectus femoris (origin)
Pectineus
Adductor Longus
Adductor Major
Ad. brevis
Vastus Int
Vastus Ex
Femur bone
Gastrocnemius
Patella
Tibia
Soleus
Navicular
Os calcis
Astragalus
Cuneiforms
Gluteus Medius
Greater head of Trochanter
Rectus Femoris (cut)
Vastus Externus
Adductor muscles
(Inserted middle back of femur bone)
Vastus internus inserted in Patella

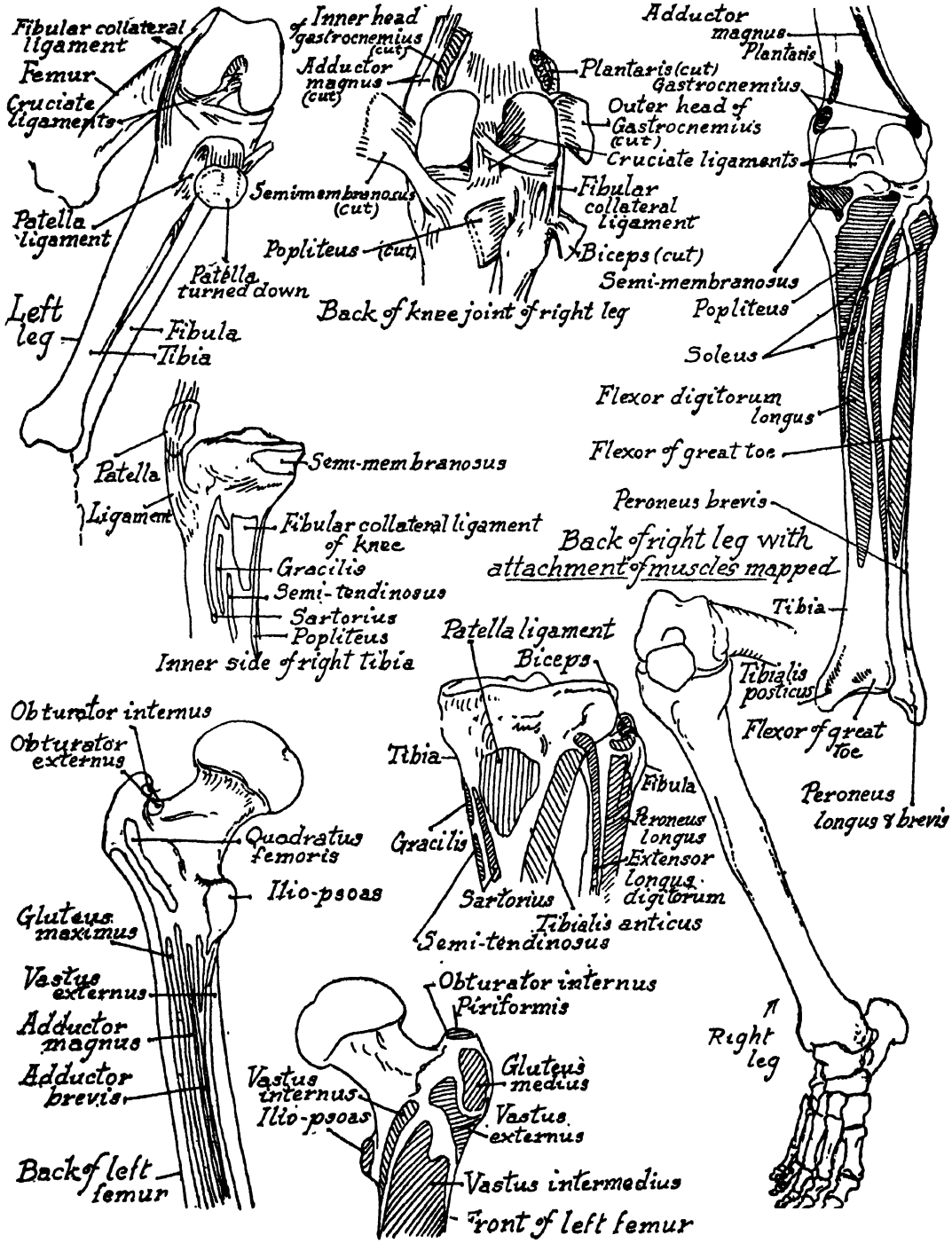

Infra-spinatus
Teres major
Triceps
Deltoid
Pectoralis major
Biceps
Brachialis anticus
Supinator longus
Extensor carpi radialis longus
Extensor carpi radialis brevis
Extensor communis digitorum
Extensor carpi ulnaris
Thumb muscles
Clavicle
Deltoid
Patella
Great trochanter
Ulna
Patella
Head of fibula
Tibialis anticus
Rectus femoris
Vastus externus
Ilio-tibial band
Vastus internus
Sartorius
Gracilis
Adductor magnus
Adductor longus
Pectineus
Psoas
Tensor fasciae femoris
Femur
Humerus
Radius
Ulna
Sartorius
Rectus femoris
Vastus internus
Tibialis anticus
Extensor of great toe
Extensor digitorum communis
Abductor pol. longus
Extensor pol. brevis
Head of fibula
Peroneus longus
Gastrocnemius
Soleus
Peroneus brevis
Ex. com. digitorum
Ex. carp. rad. brevis
Extensor carpi rad. long
Supinator longus
Extensor ulnaris
Brachialis anticus
Triceps
Deltoid
Trapezius

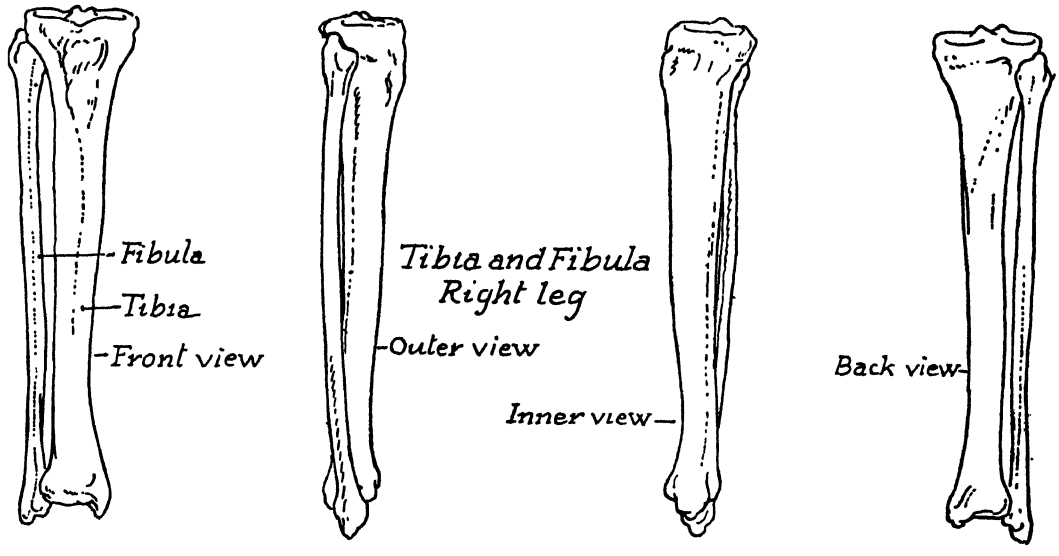

Femur bone
Vastus internus
Sartorius
Adductor longus
Gracilis
Adductor magnus
Semimembranosus
Rectus femoris
Vastus externus
Vastus internus
Biceps of leg Short head
Biceps of leg long head
Semitendinosus
Transverse Section
Gluteus maximus
Gluteus medius
Tensor fasciae femoris
Rectus femoris
Richer's ligament
Biceps of leg
Ilio-tibial band
Peroneus longus
Peroneus brevis
Gluteus medius
Vastus externus
Rectus femoris
Patella ligament
Tibialis anticus
Biceps of leg
Gastrocnemius
Tendo Achillis
Peroneus brevis
Femur
Fibula
Tibia

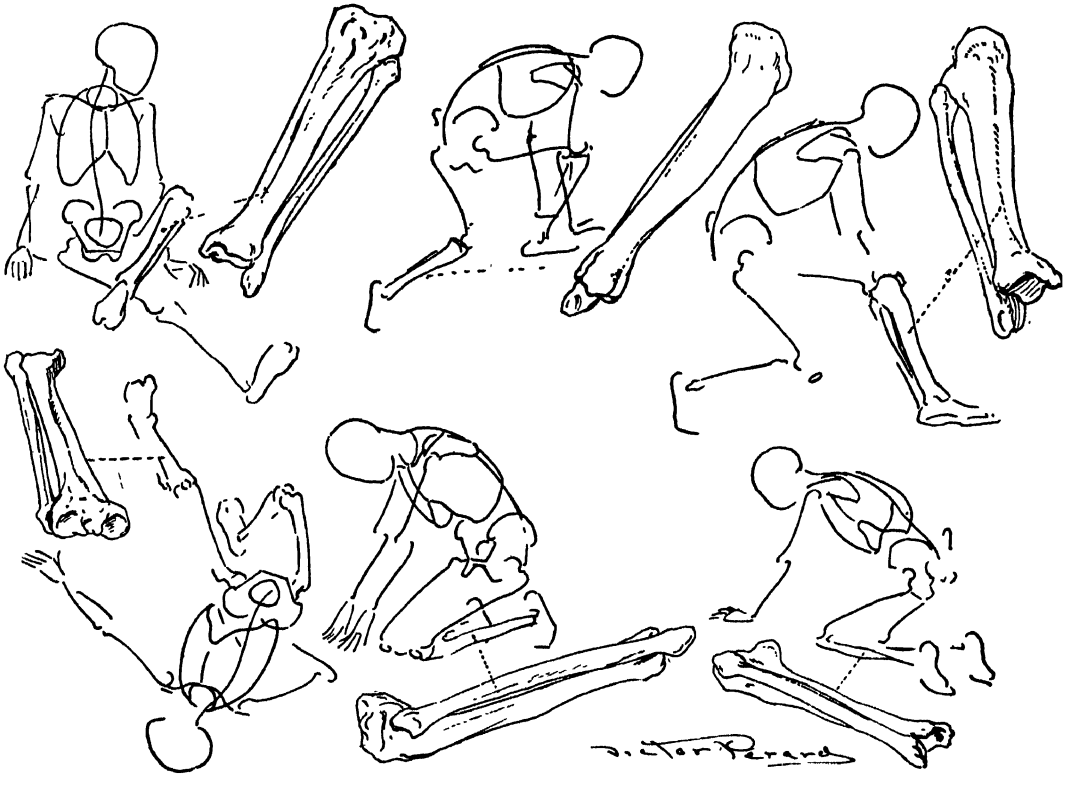

Greater trochanter
Lesser trochanter
Femur
Fibula
Tibia
Rectus femoris
Patella
Biceps of leg
Tibialis anticus
Peroneus longus
Fibula
Gastrocnemius
Soleus
Tibia
Tibialis anticus
Semimembranosus
Gastrocnemius
Soleus

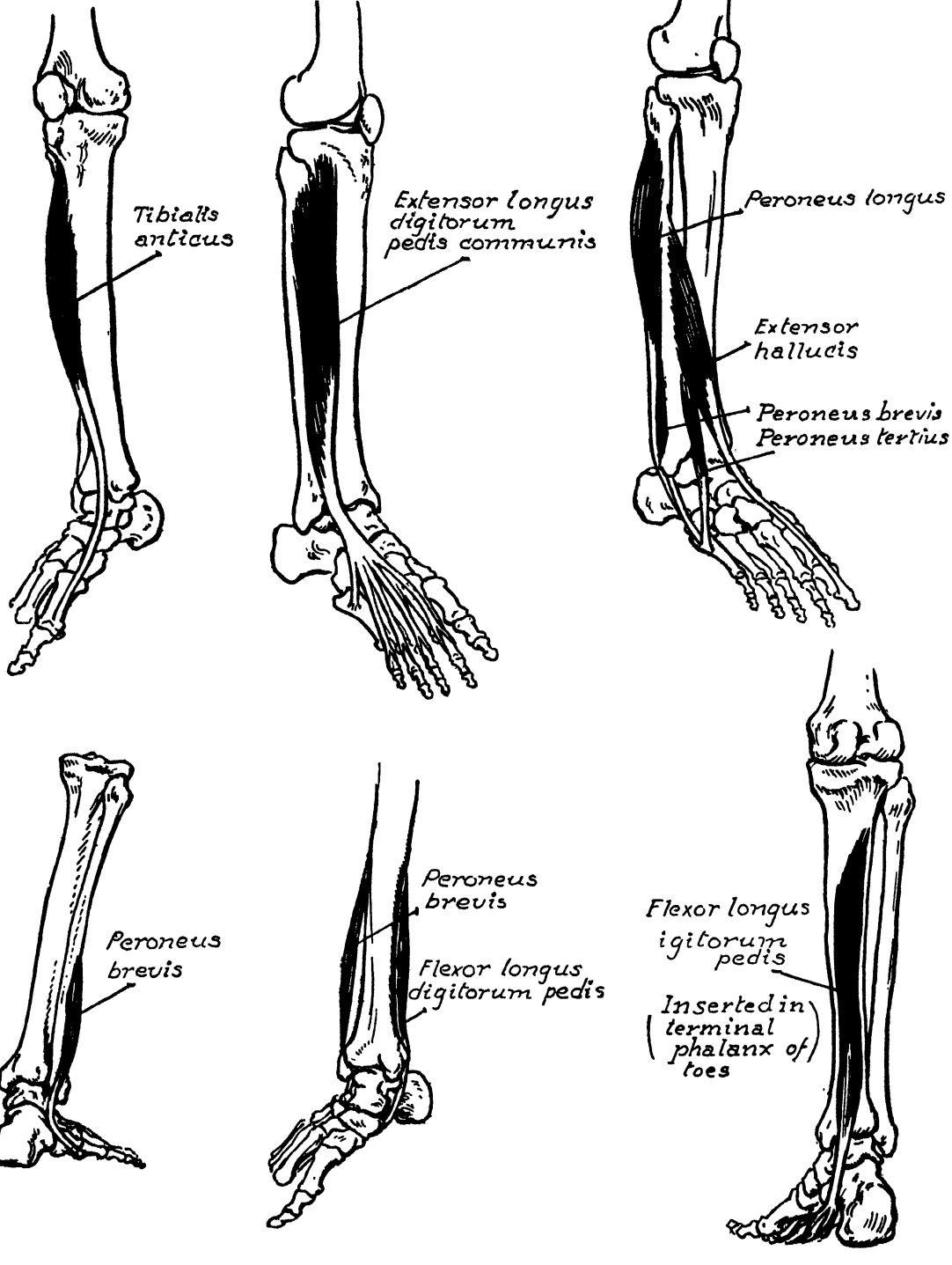

Fibular collateral ligament
Femur
Cruciate ligaments
Patella ligament
Patella turned down
Left leg
Fibula
Tibia
Inner head of gastrocnemius (cut)
Adductor magnus (cut)
Semimembranosus (cut)
Popliteus (cut)
Plantaris (cut)
Gastrocnemius
Outer head of Gastrocnemius (cut)
Cruciate ligaments
Fibular collateral ligament
Biceps (cut)
Back of knee joint of right leg
Adductor magnus
Plantaris
Semi-membranosus
Popliteus
Soleus
Flexor digitorum longus
Flexor of great toe
Peroneus brevis
Back of right leg with attachment of muscles mapped
Patella
Ligament
Semi-membranosus
Fibular collateral ligament of knee
Gracilis
Semi-tendinosus
Sartorius
Popliteus
Inner side of right tibia
Tibia
Tibialis posticus
Flexor of great toe
Peroneus longus & brevis
Patella ligament
Biceps
Tibia
Fibula
Peroneus longus
Extensor longus digitorum
Gracilis
Sartorius
Tibialis anticus
Semi-tendinosus
Obturator internus
Obturator externus
Quadratus femoris
Ilio-psoas
Gluteus maximus
Vastus externus
Adductor magnus
Adductor brevis
Back of left femur
Obturator internus
Piriformis
Gluteus medius
Vastus internus
Ilio-psoas
Vastus externus
Vastus intermedius
Front of left femur
Right leg

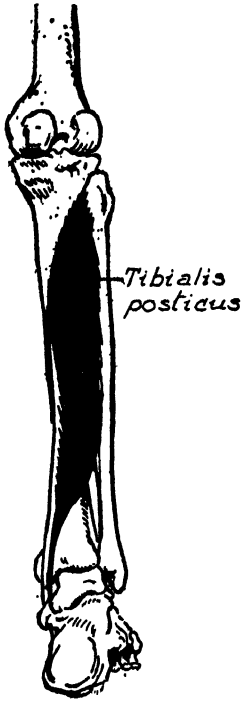

Fibula
Tibia
Front view
Tibia and Fibula
Right leg
Outer view
Inner view
Back view

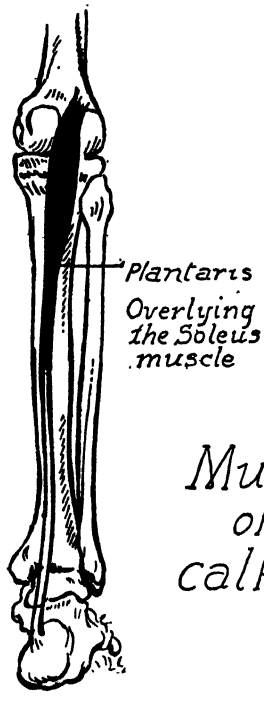

Fibular collateral ligament
Femur
Cruciate ligaments
Patella ligament
Patella turned down
Left leg
Fibula
Tibia
Inner head of gastrocnemius (cut)
Adductor magnus (cut)
Semimembranosus (cut)
Popliteus (cut)
Back of knee joint of right leg
Plantaris (cut)
Outer head of Gastrocnemius (cut)
Cruciate ligaments
Fibular collateral ligament
Biceps (cut)
Adductor magnus
Plantaris
Gastrocnemius
Semi-membranosus
Popliteus
Soleus
Flexor digitorum longus
Flexor of great toe
Peroneus brevis
Back of right leg with attachment of muscles mapped
Tibia
Tibialis posticus
Flexor of great toe
Peroneus longus & brevis
Right leg
Patella
Ligament
Semi-membranosus
Fibular collateral ligament of knee
Gracilis
Semi-tendinosus
Sartorius
Popliteus
Inner side of right tibia
Patella ligament
Biceps
Tibia
Fibula
Peroneus longus
Extensor longus digitorum
Gracilis
Sartorius
Tibialis anticus
Semi-tendinosus
Obturator internus
Obturator externus
Quadratus femoris
Ilio-psoas
Gluteus maximus
Vastus externus
Adductor magnus
Adductor brevis
Back of left femur
Obturator internus
Piriformis
Gluteus medius
Vastus internus
Ilio-psoas
Vastus externus
Vastus intermedius
Front of left femur


Fibula
Tibia
Front view
Tibia and Fibula
Right leg
Outer view
Inner view
Back view

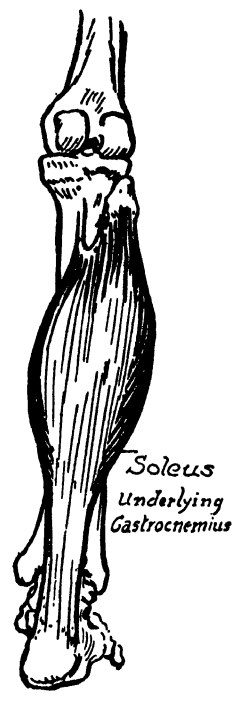


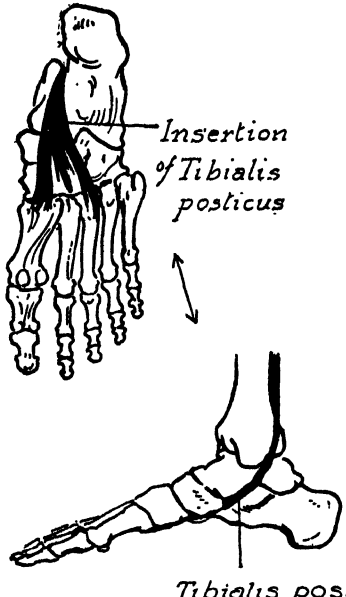

Tibialis anticus
Extensor longus digitorum pedis communis
Peroneus longus
Extensor hallucis
Peroneus brevis
Peroneus tertius
Peroneus brevis
Peroneus brevis
Flexor longus digitorum pedis
Flexor longus digitorum pedis
Inserted in terminal phalanx of toes

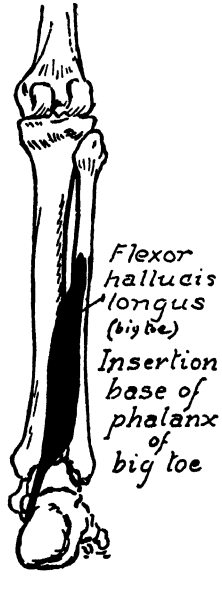




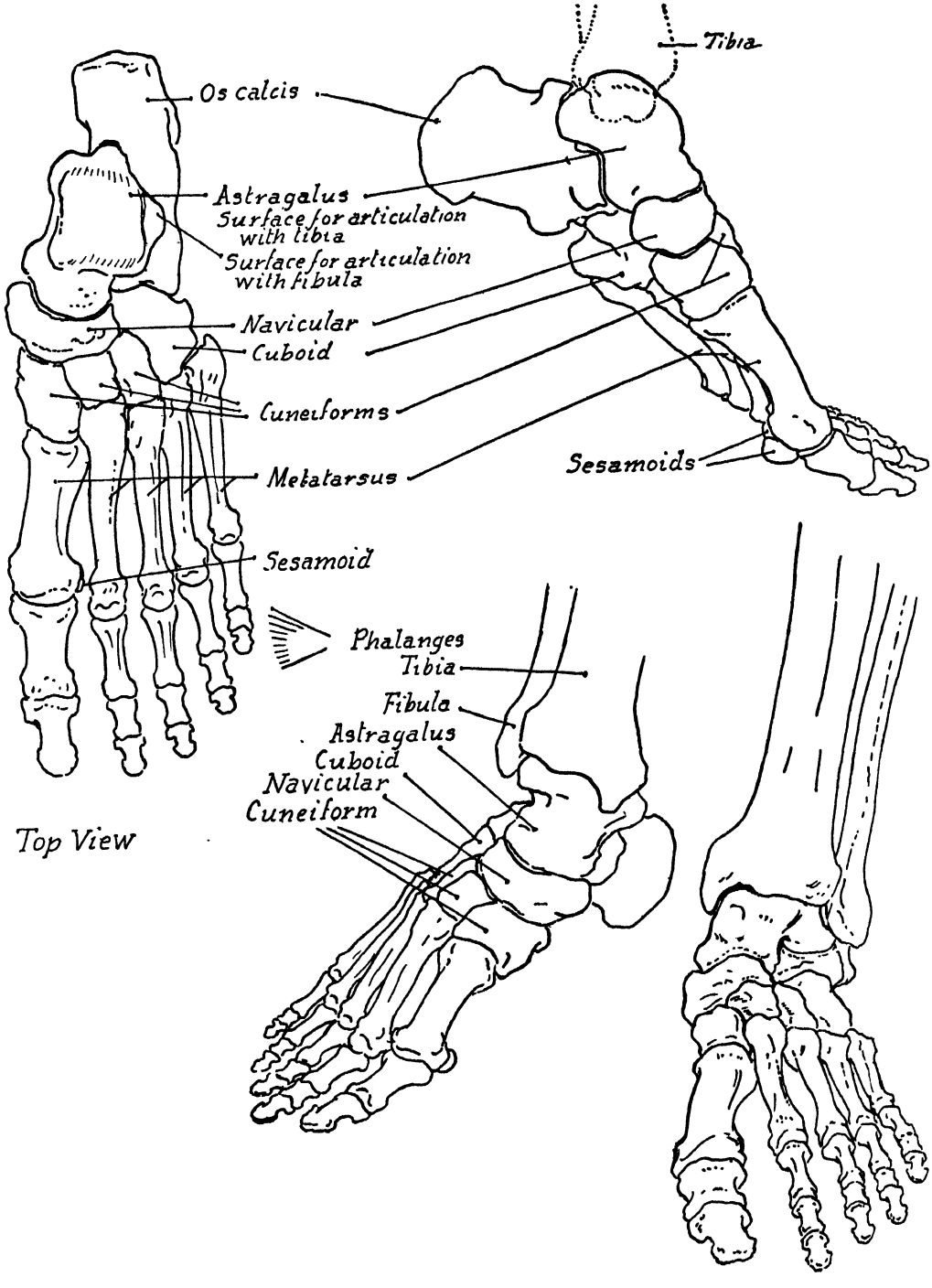
Muscles of the calf of leg







PART VIII
THE FOOT


Tibia
Os calcis
Astragalus
Surface for articulation with tibia
Surface for articulation with fibula
Navicular
Cuboid
Cuneiforms
Metatarsus
Sesamoid
Sesamoids
Phalanges
Tibia
Fibula
Astragalus
Cuboid
Navicular
Cuneiform
Top View

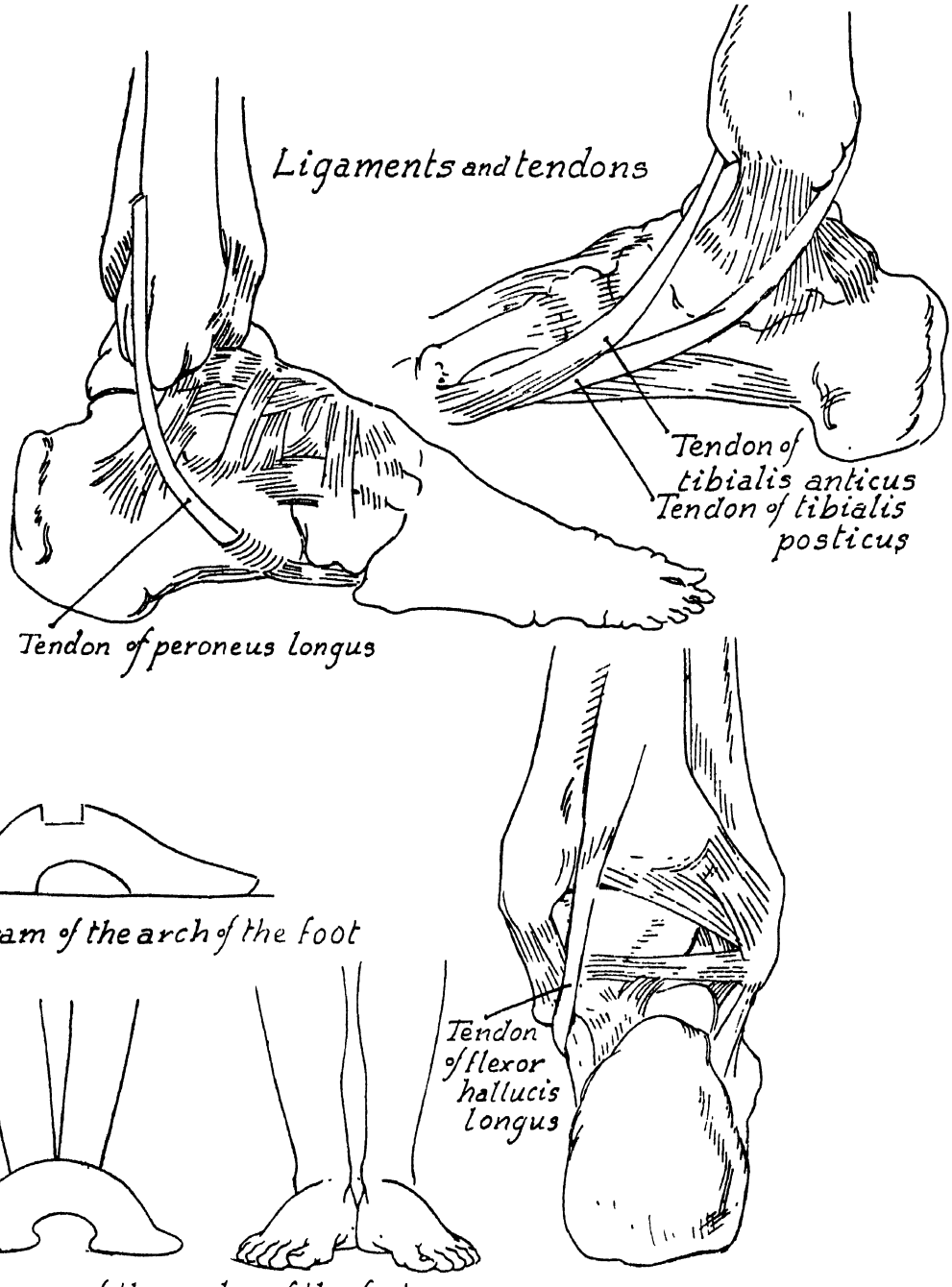
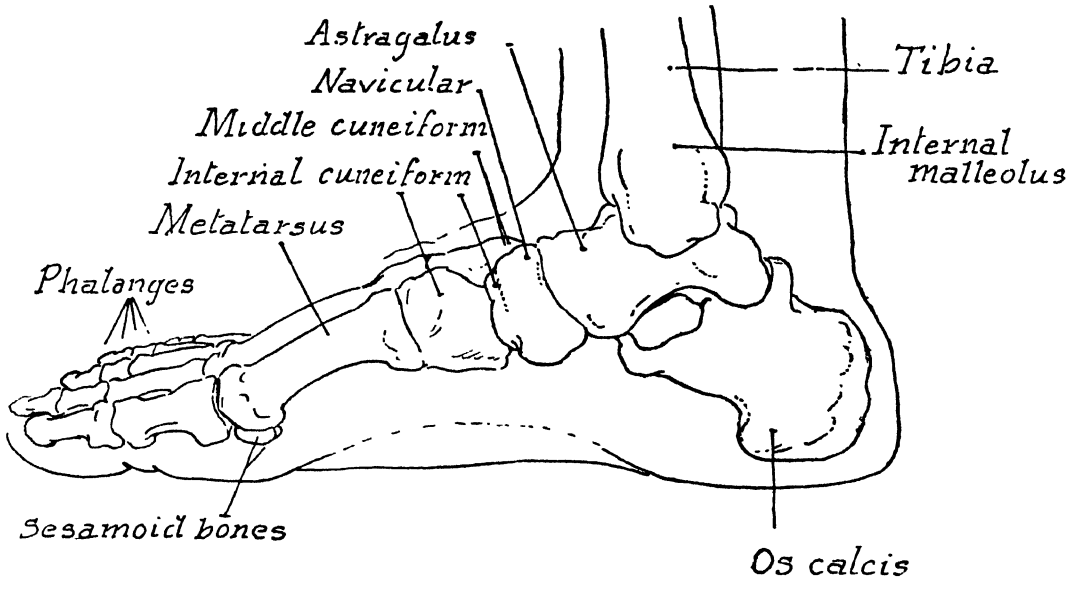
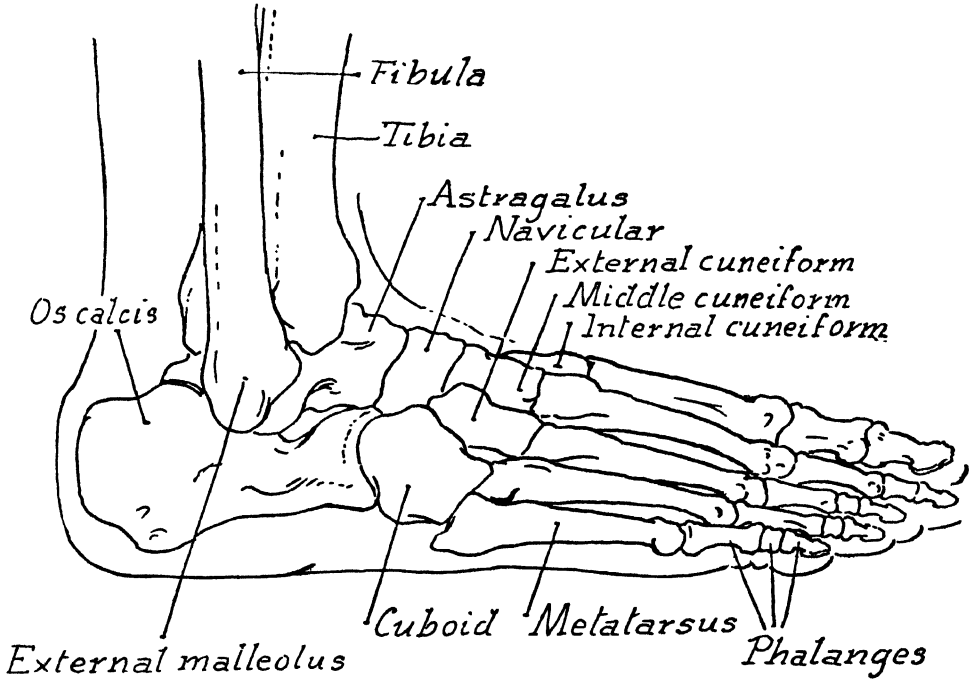


Diagram of the arch of the foot

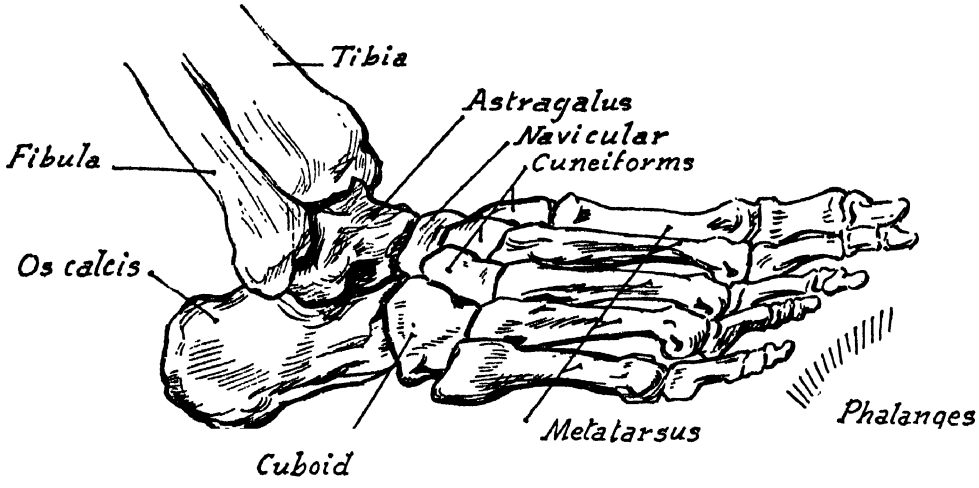
Diagram of the arches of the feet
(The arches of feet act as springs)

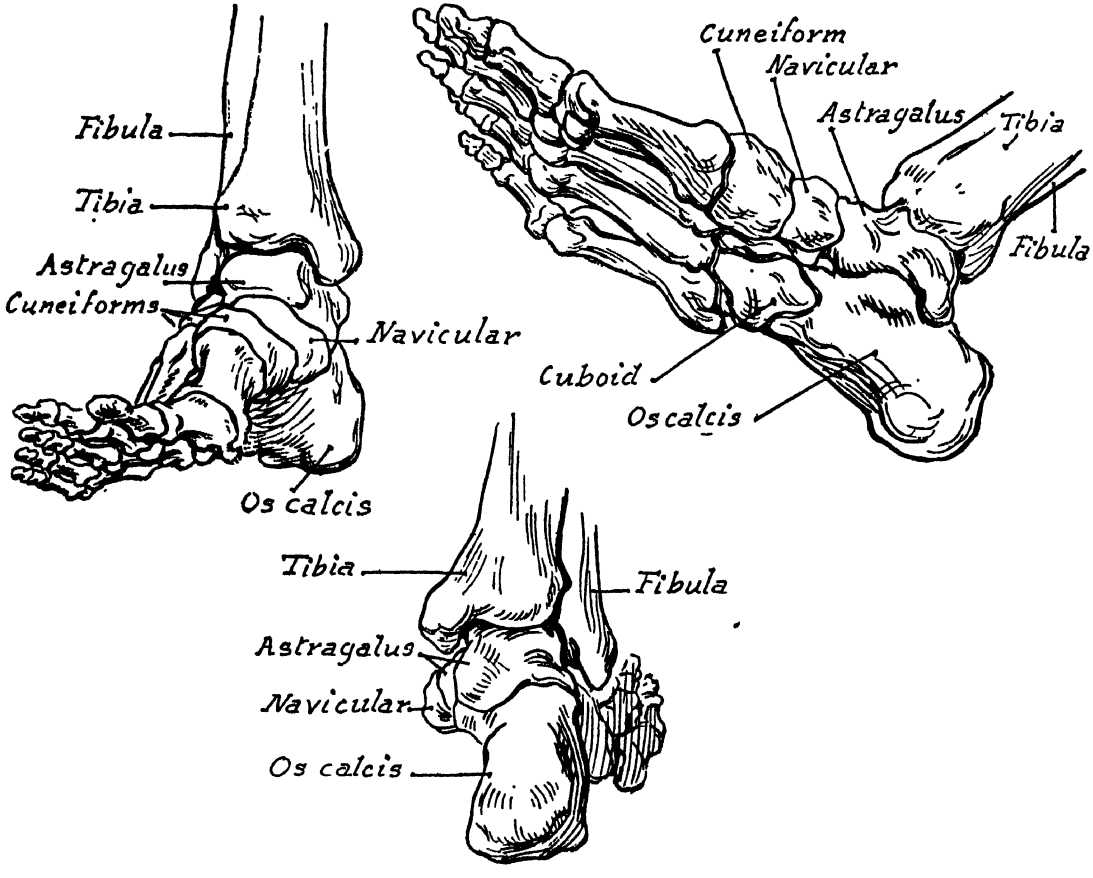


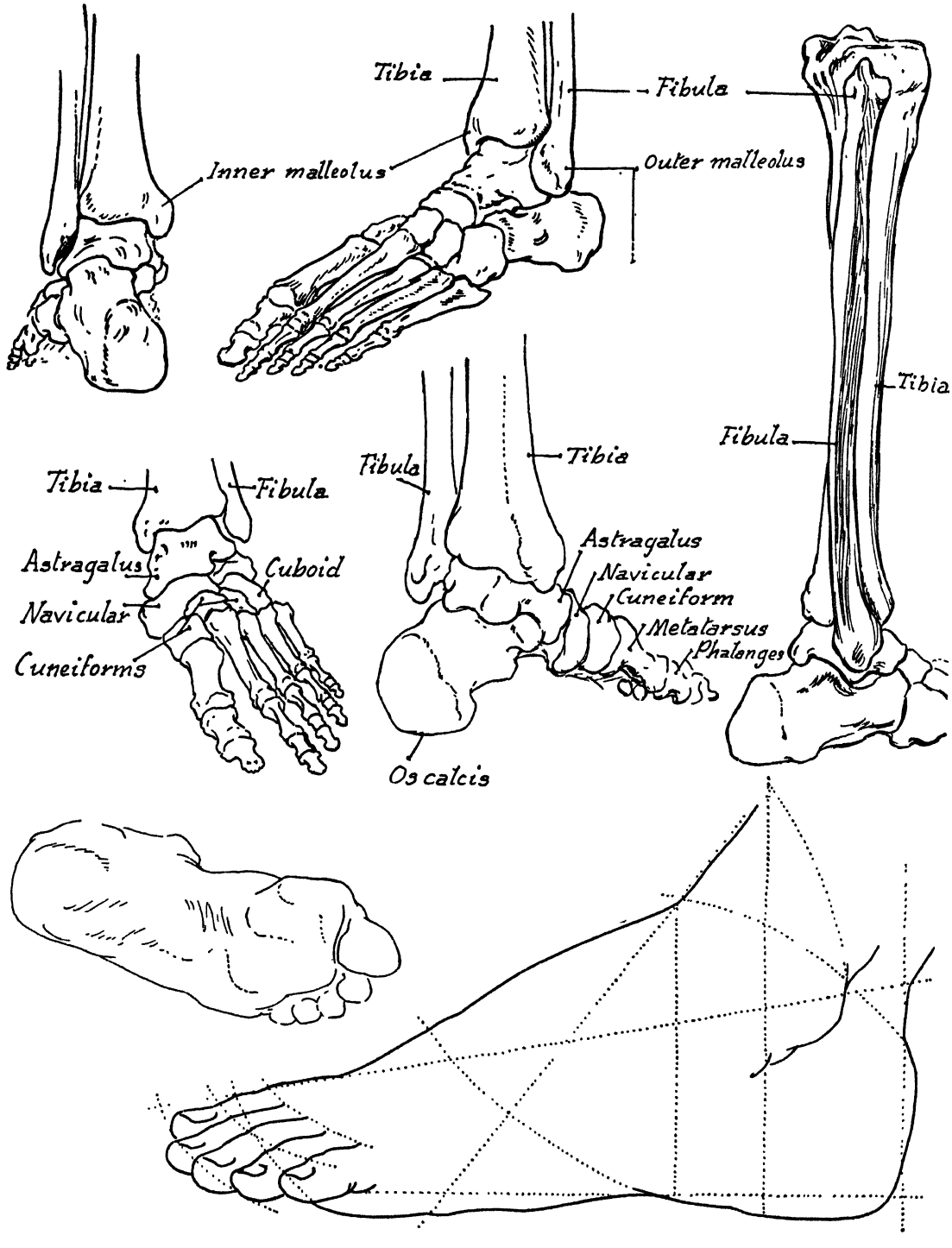
Inner view

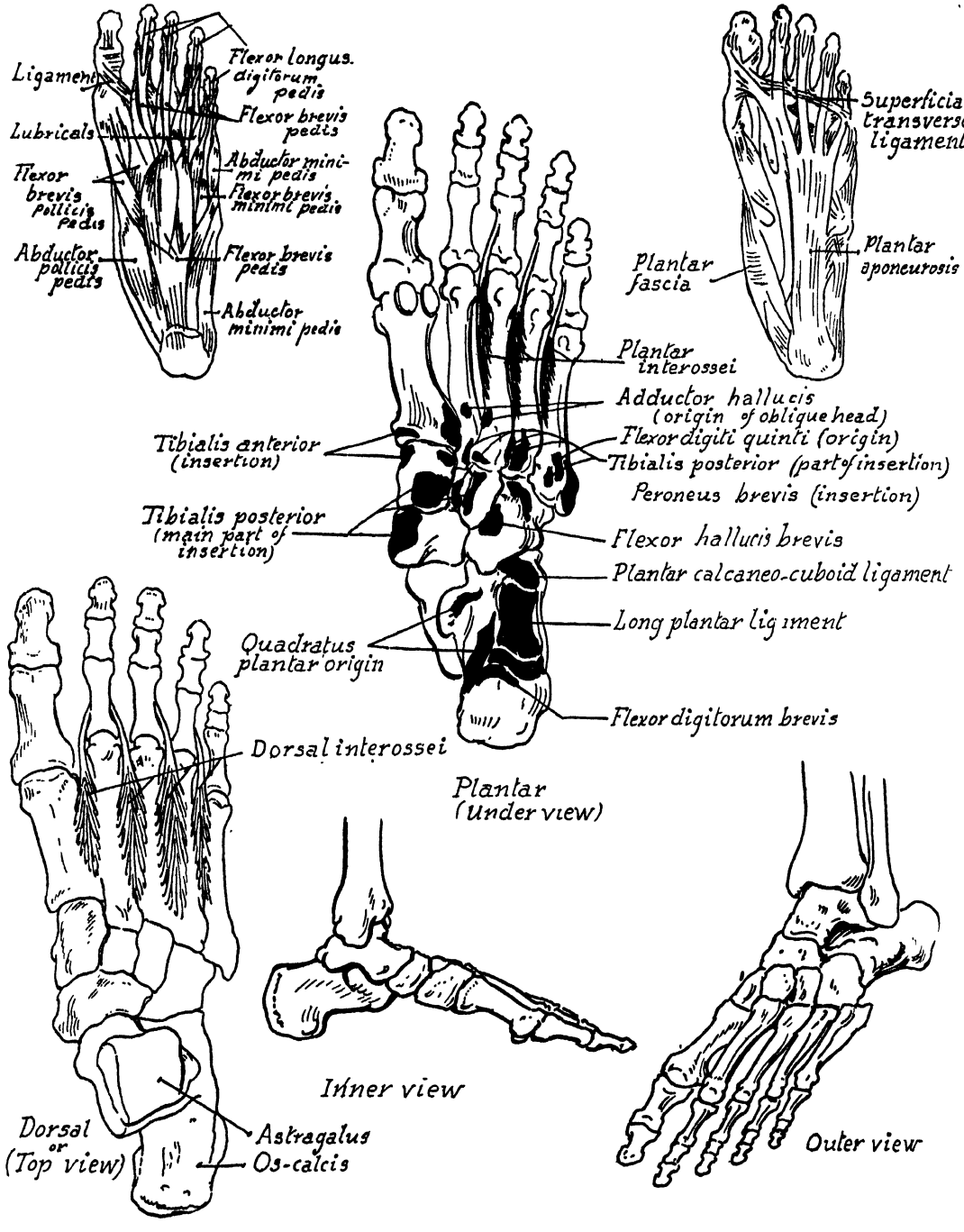


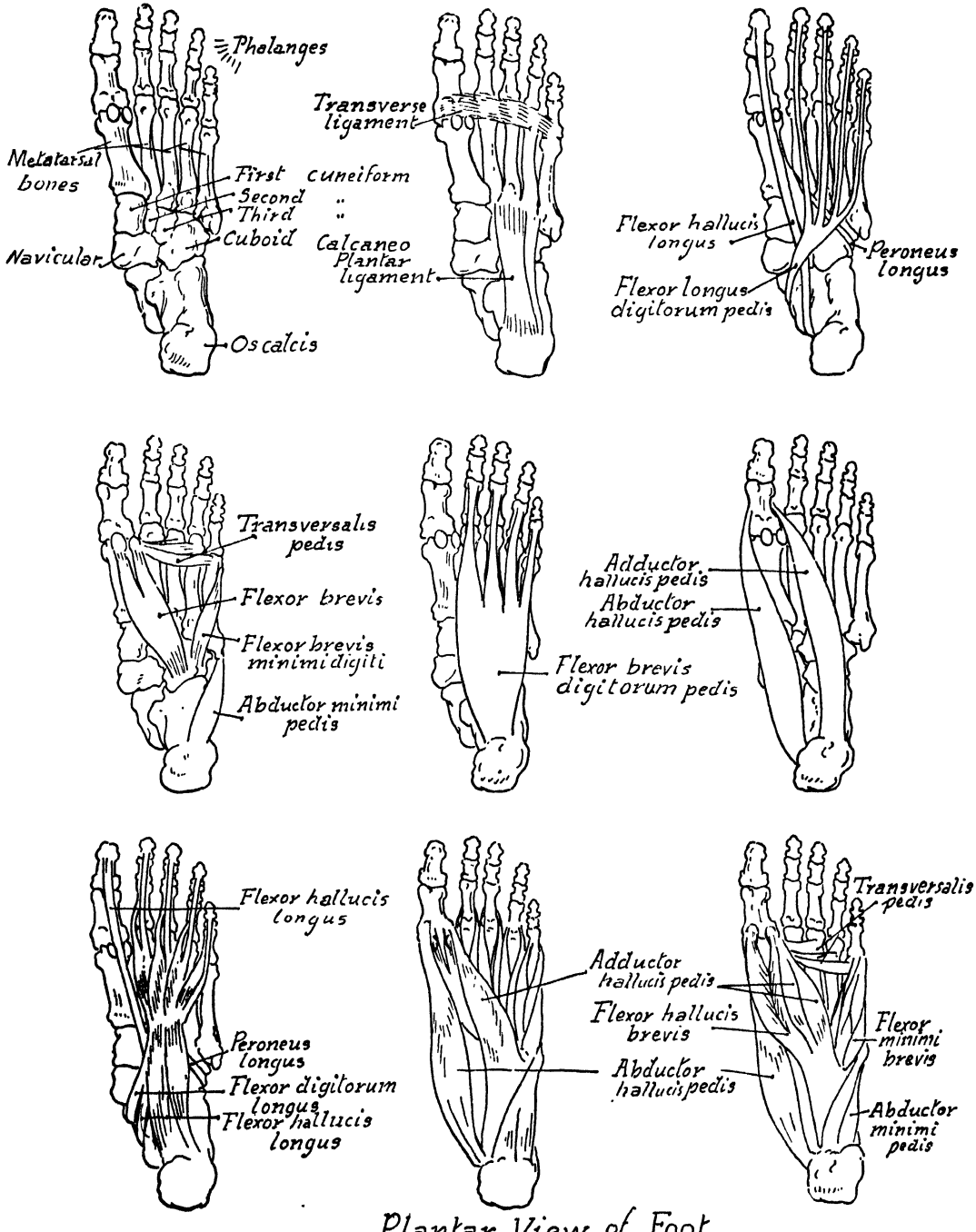
Outer view


Tibia
Astragalus
Navicular
Cuneiforms
Fibula
Os calcis
Phalanges
Metatarsus
Cuboid

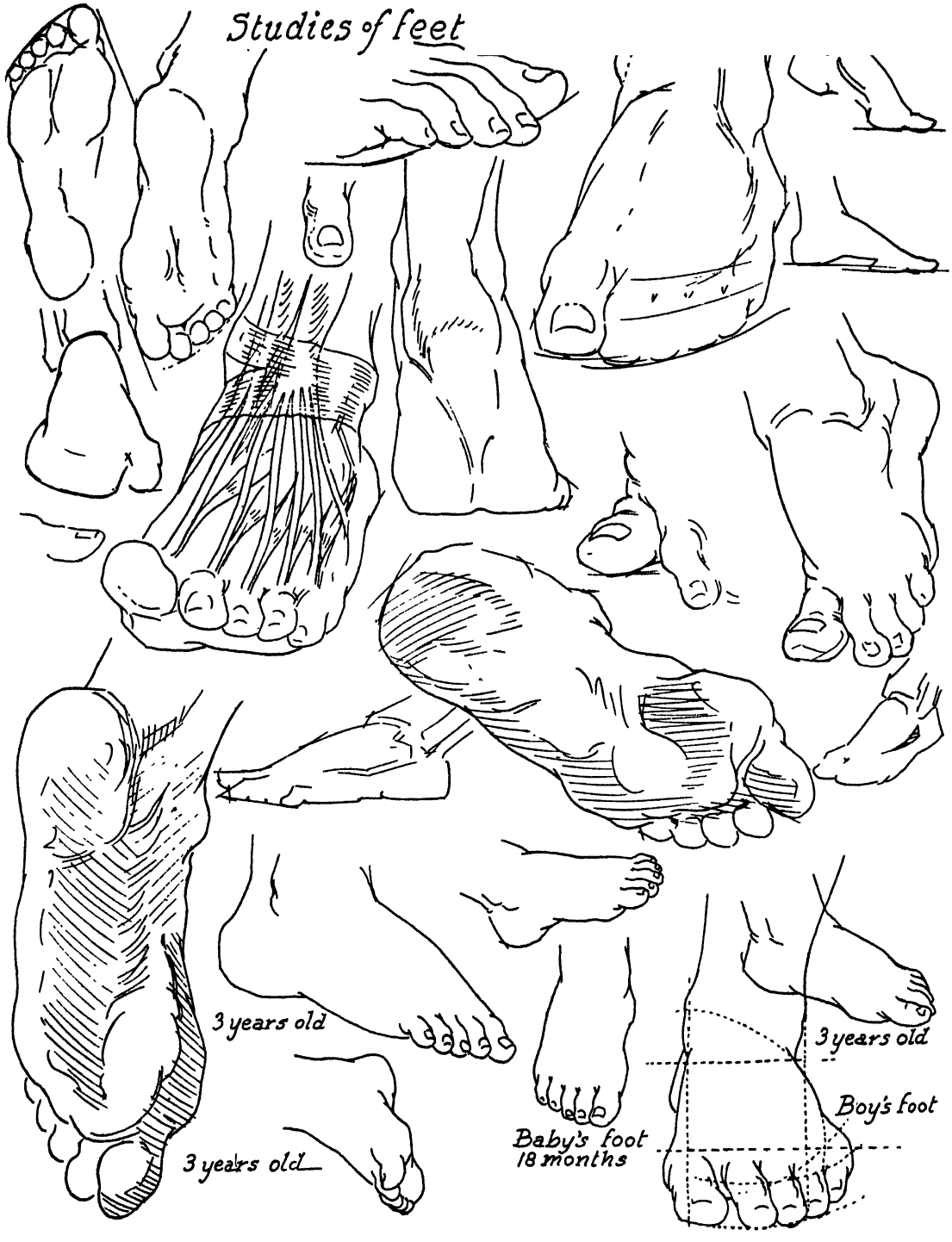

Fibula
Tibia
Astragalus
Cuneiforms
Navicular
Os calcis
Cuneiform
Navicular
Astragalus
Tibia
Fibula
Cuboid
Os calcis
Tibia
Fibula
Astragalus
Navicular
Os calcis

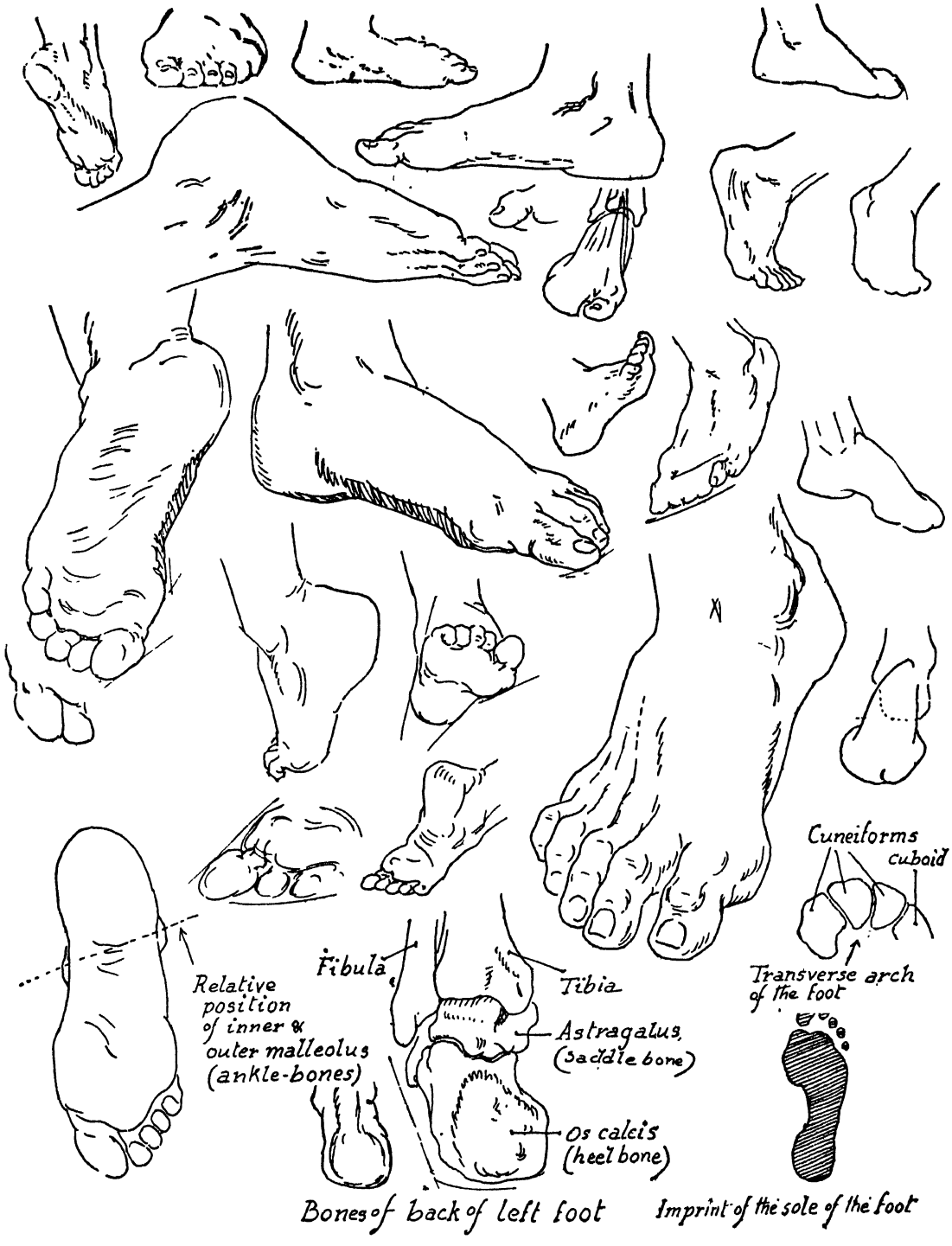

Tibia
Fibula
Inner malleolus
Outer malleolus
Tibia
Fibula
Tibia
Fibula
Tibia
Fibula
Astragalus
Cuboid
Navicular
Cuneiforms
Astragalus
Navicular
Cuneiform
Metatarsus
Phalanges
Os calcis

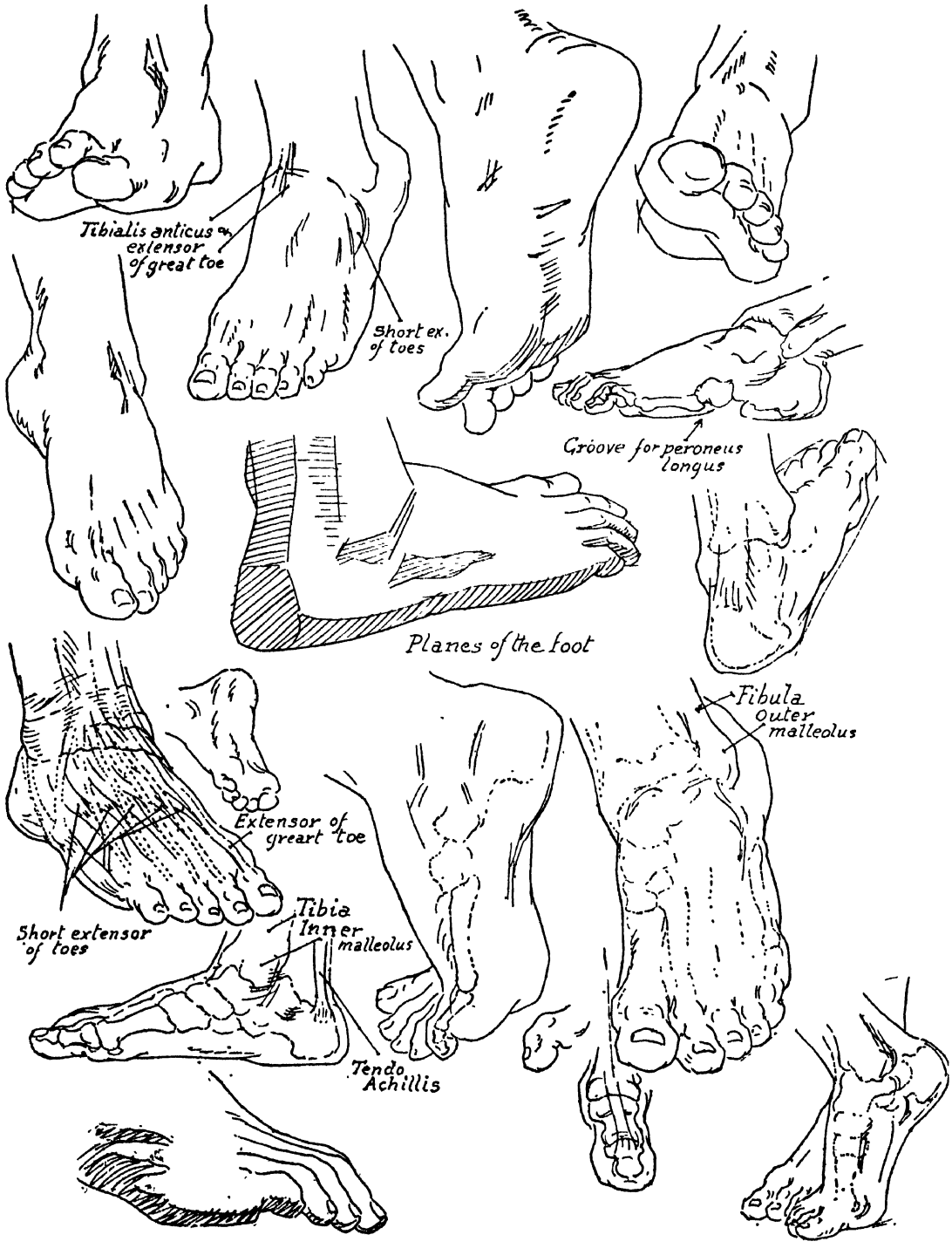

Ligament
Flexor longus digitorum pedis
Lubricals
Flexor brevis pedis
Abductor minimi pedis
Flexor brevis pollicis pedis
Flexor brevis minimi pedis
Abductor pollicis pedis
Flexor brevis pedis
Abductor minimi pedis
Superficial transverse ligament
Plantar aponeurosis
Plantar fascia
Plantar interossei
Adductor hallucis (origin of oblique head)
Flexor digiti quinti (origin)
Tibialis anterior (insertion)
Tibialis posterior (part of insertion)
Peroneus brevis (insertion)
Tibialis posterior (main part of insertion)
Flexor hallucis brevis
Plantar calcaneo-cuboid ligament
Long plantar ligament
Quadratus plantar origin
Flexor digitorum brevis
Dorsal interossei
Plantar (Under view)
Inner view
Outer view
Dorsal or (Top view)
Astragalus
Os-calcis

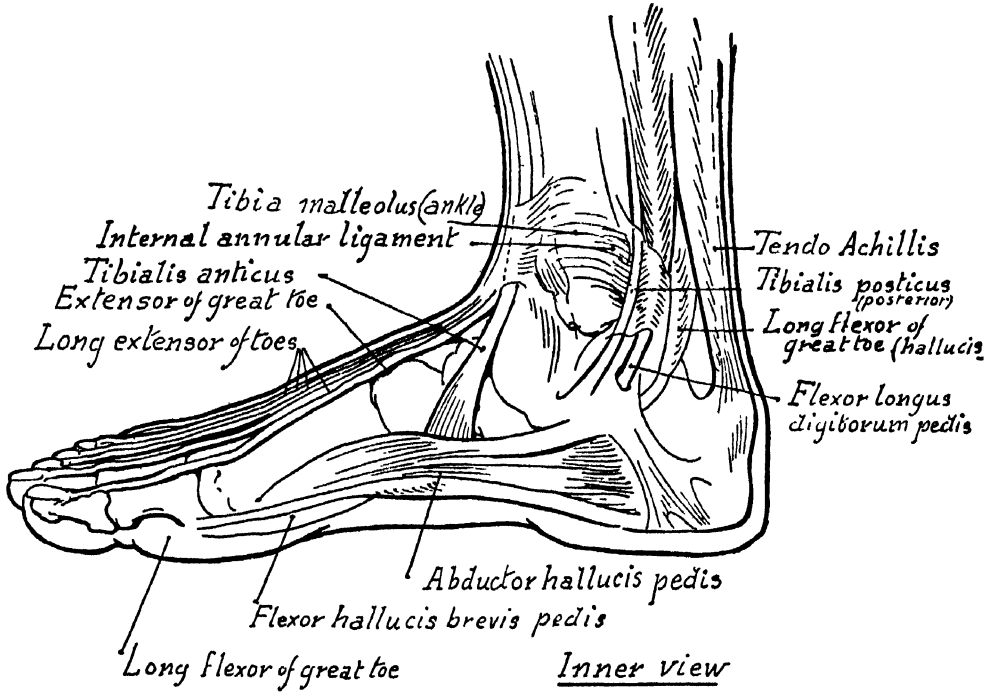


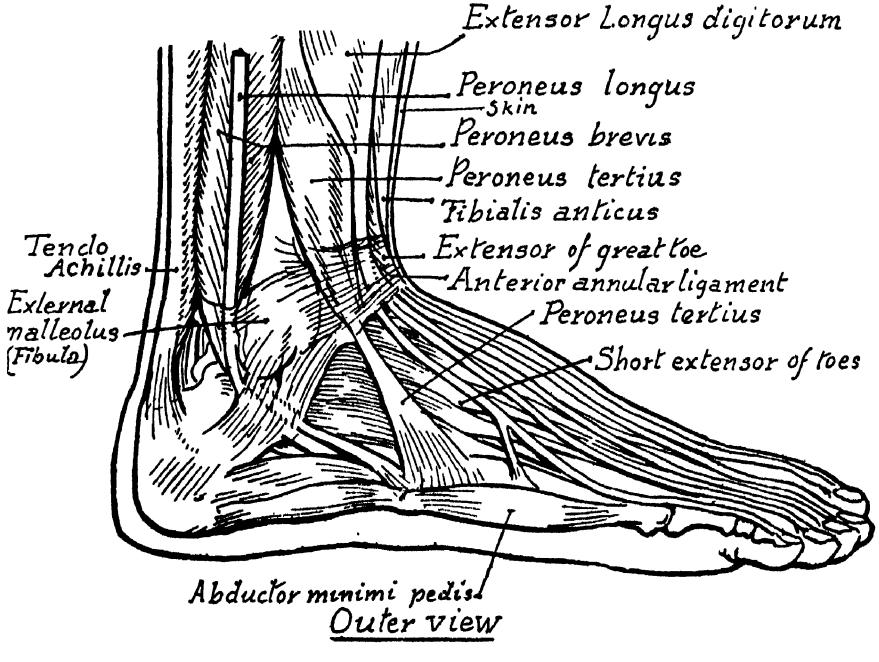
Plantar View of Foot


Studies of feet
3 years old
3 years old
Baby's foot
18 months
3 years old
Boy's foot

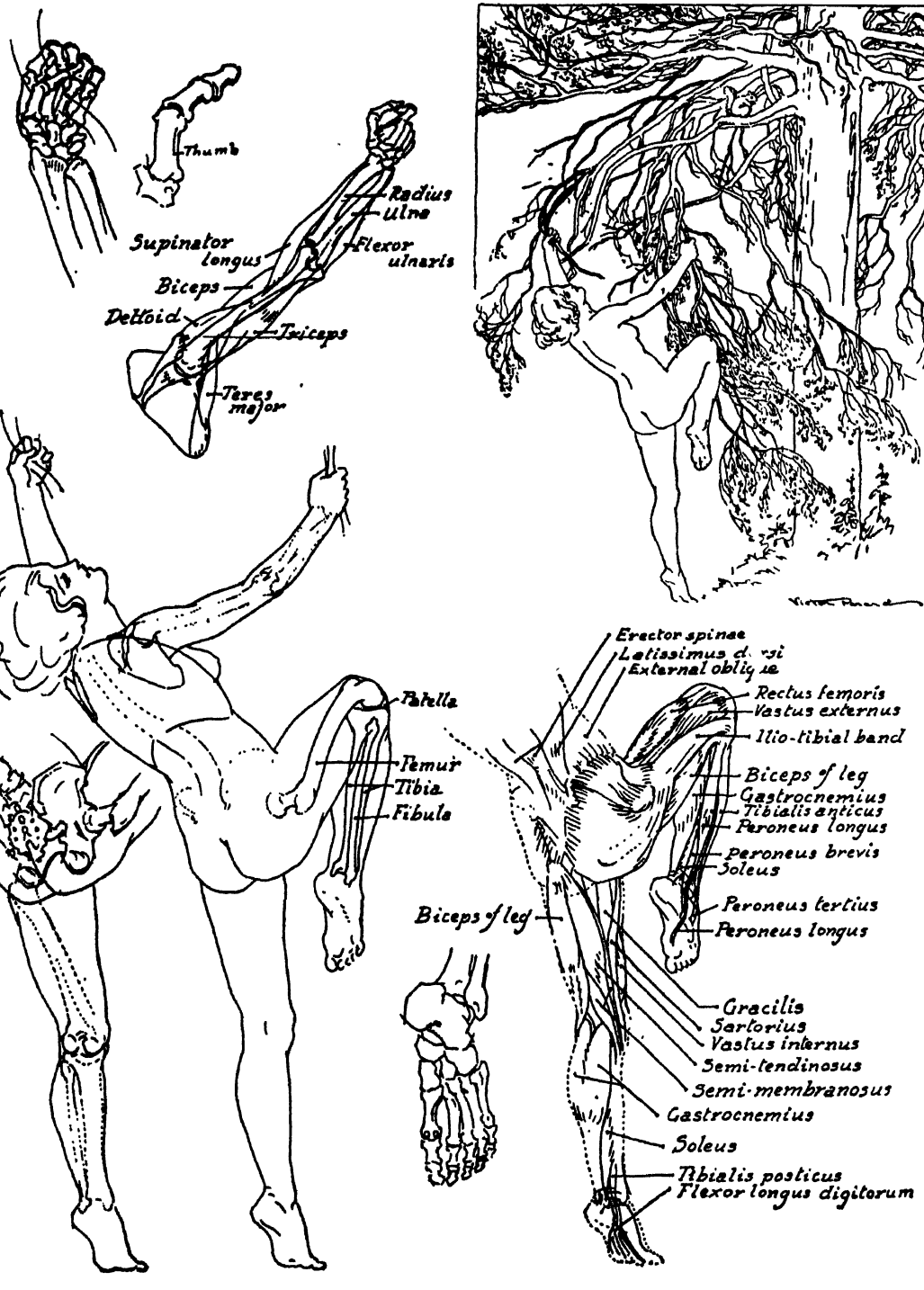

Relative position of inner & outer malleolus (ankle-bones)
Fibula
Tibia
Astragalus (saddle bone)
Os calcis (heel bone)
Bones of back of left foot
Cuneiforms
cuboid
Transverse arch of the foot
Imprint of the sole of the foot

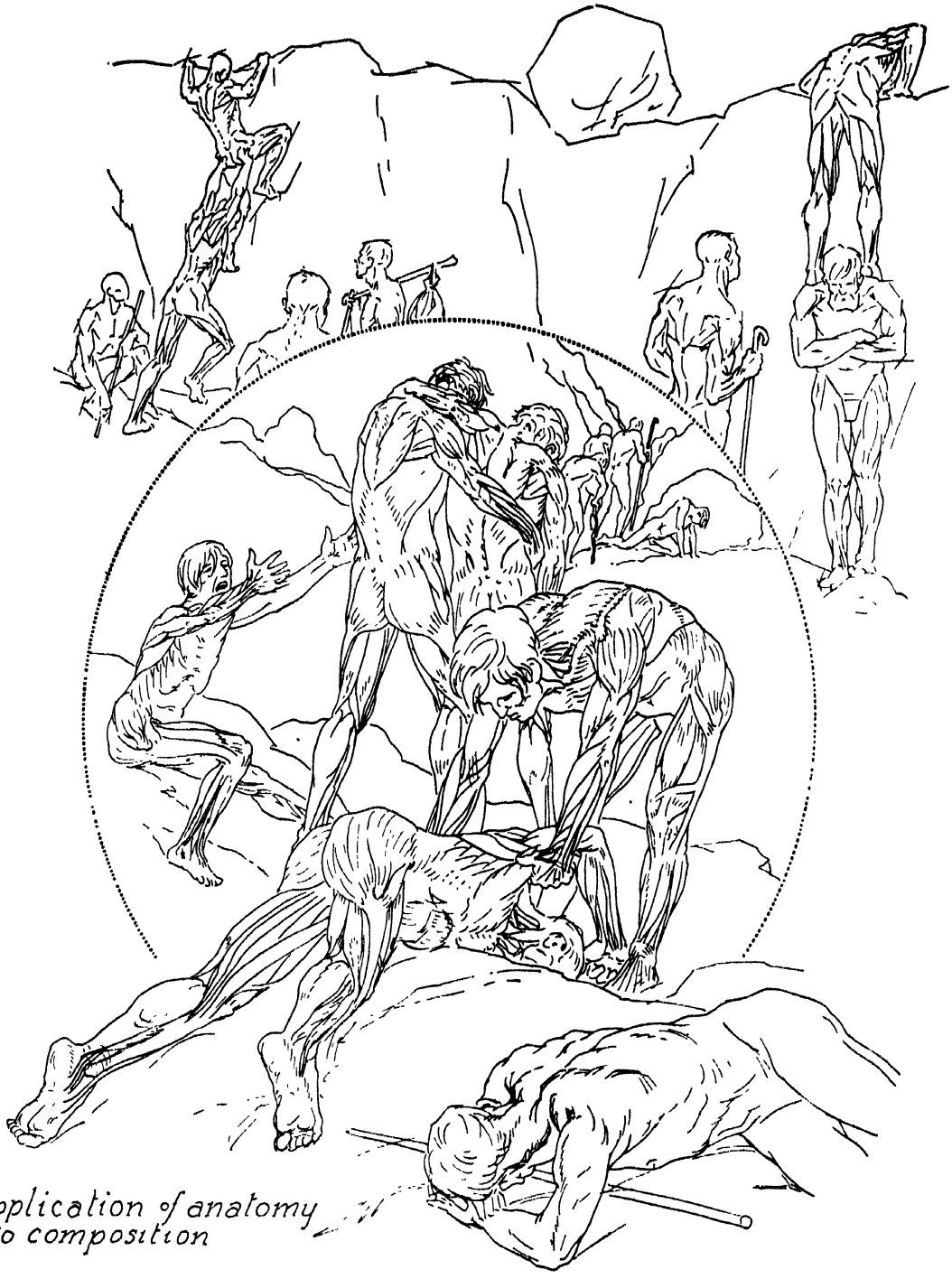

Tibialis anticus
extensor of great toe
Short ex. of toes
Groove for peroneus longus
Planes of the foot
Fibula
Outer malleolus
Extensor of greart toe
Short extensor of toes
Tibia
Inner malleolus
Tendo Achillis


Tibia malleolus (ankle)
Internal annular ligament
Tibialis anticus
Extensor of great toe
Long extensor of toes
Tendo Achillis
Tibialis posticus (posterior)
Long flexor of great toe (hallucis
Flexor longus digitorum pedis
Abductor hallucis pedis
Flexor hallucis brevis pedis
Long flexor of great toe
Inner view

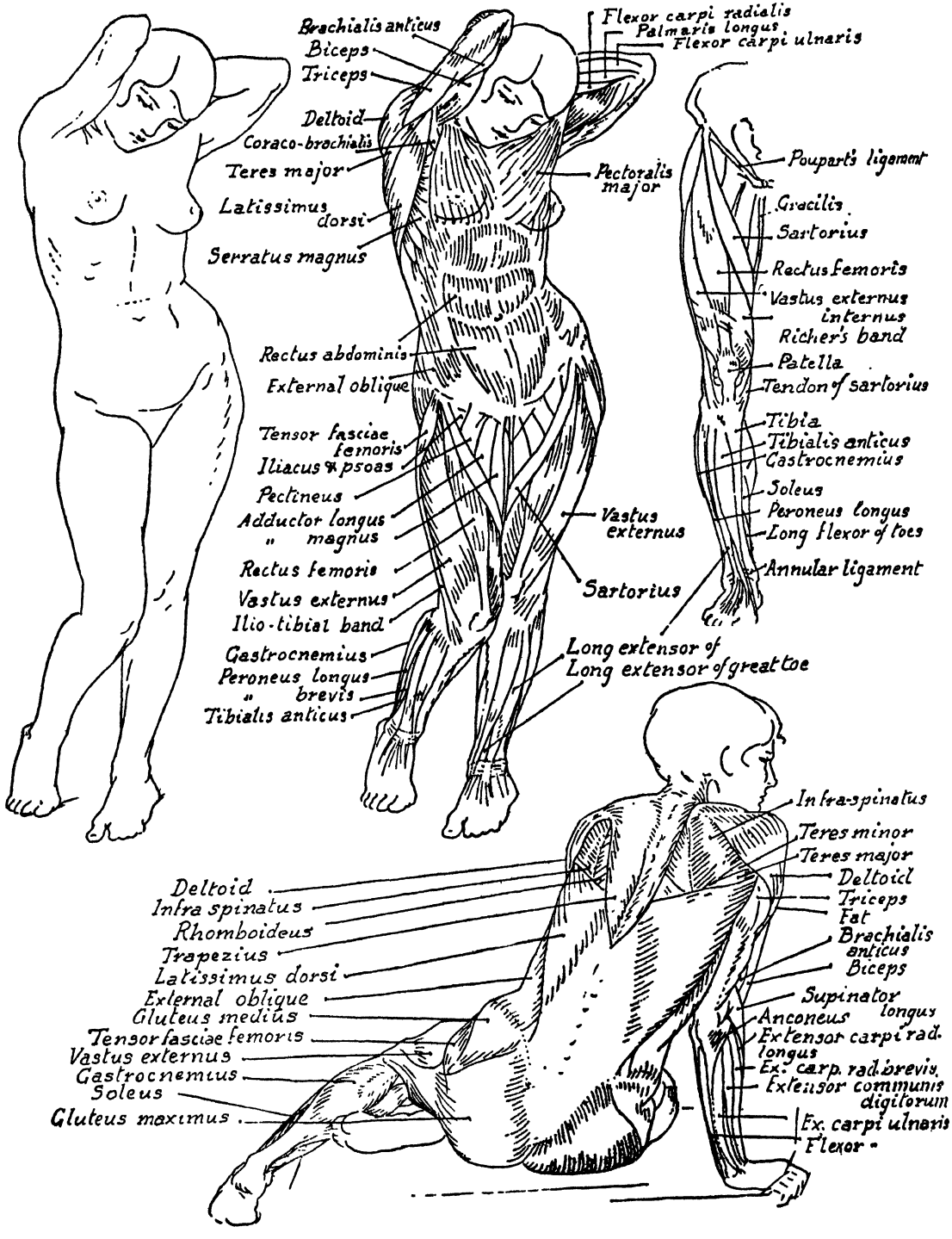

Extensor Longus digitorum
Peroneus longus
Skin
Peroneus brevis
Peroneus tertius
Tibialis anticus
Extensor of great toe
Anterior annular ligament
Peroneus tertius
Short extensor of toes
Tendo Achillis
External malleolus (Fibula)
Abductor minimi pedis
Outer view

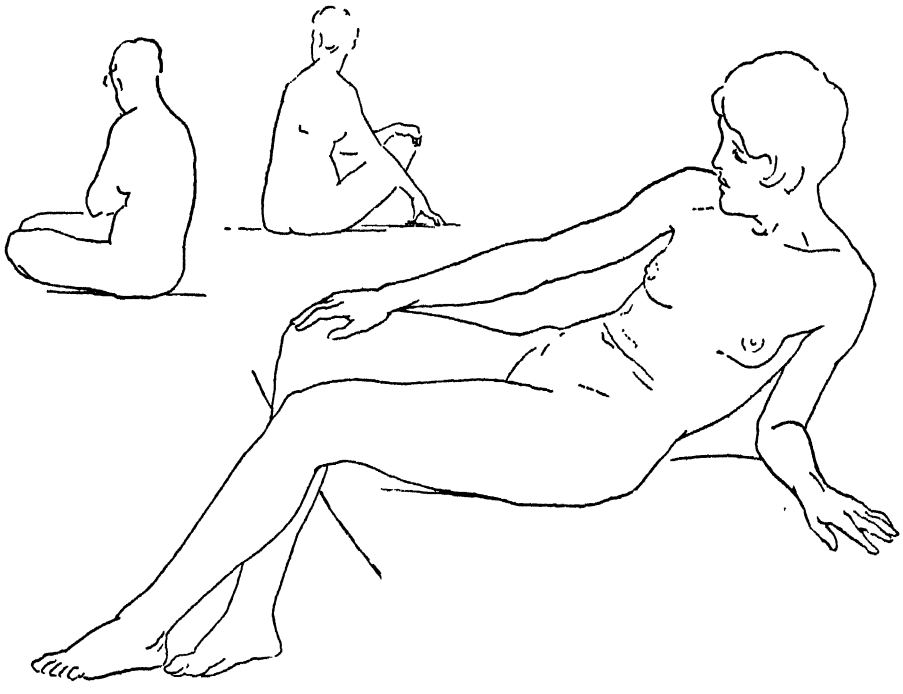
PART IX
THE ECORCHÉ

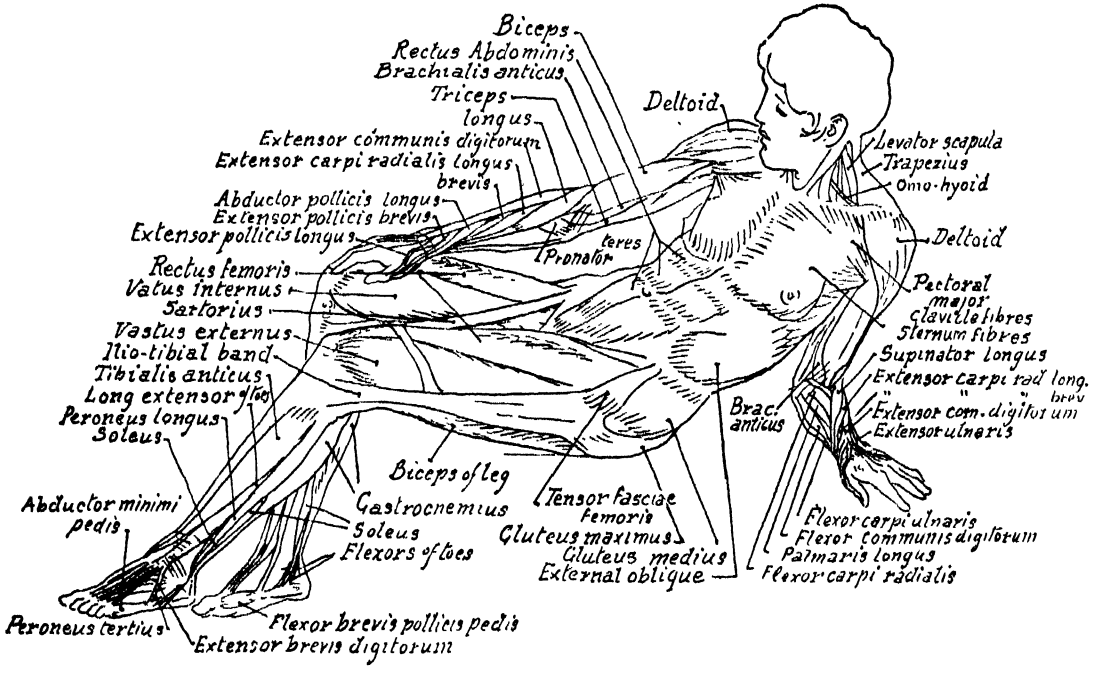

Thumb
Radius
ulna
Supinator longus
Flexor ulnaris
Biceps
Deltoid
Triceps
Teres major
Patella
Femur
Tibia
Fibula
Erector spinae
Latissimus dorsi
External oblique
Rectus femoris
Vastus externus
Ilio-tibial band
Biceps of leg
Gastrocnemius
Tibialis anticus
Peroneus longus
Peroneus brevis
Soleus
Peroneus tertius
Peroneus longus
Biceps of leg
Gracilis
Sartorius
Vastus internus
Semi-tendinosus
Semi-membranosus
Gastrocnemius
Soleus
Tibialis posticus
Flexor longus digitorum

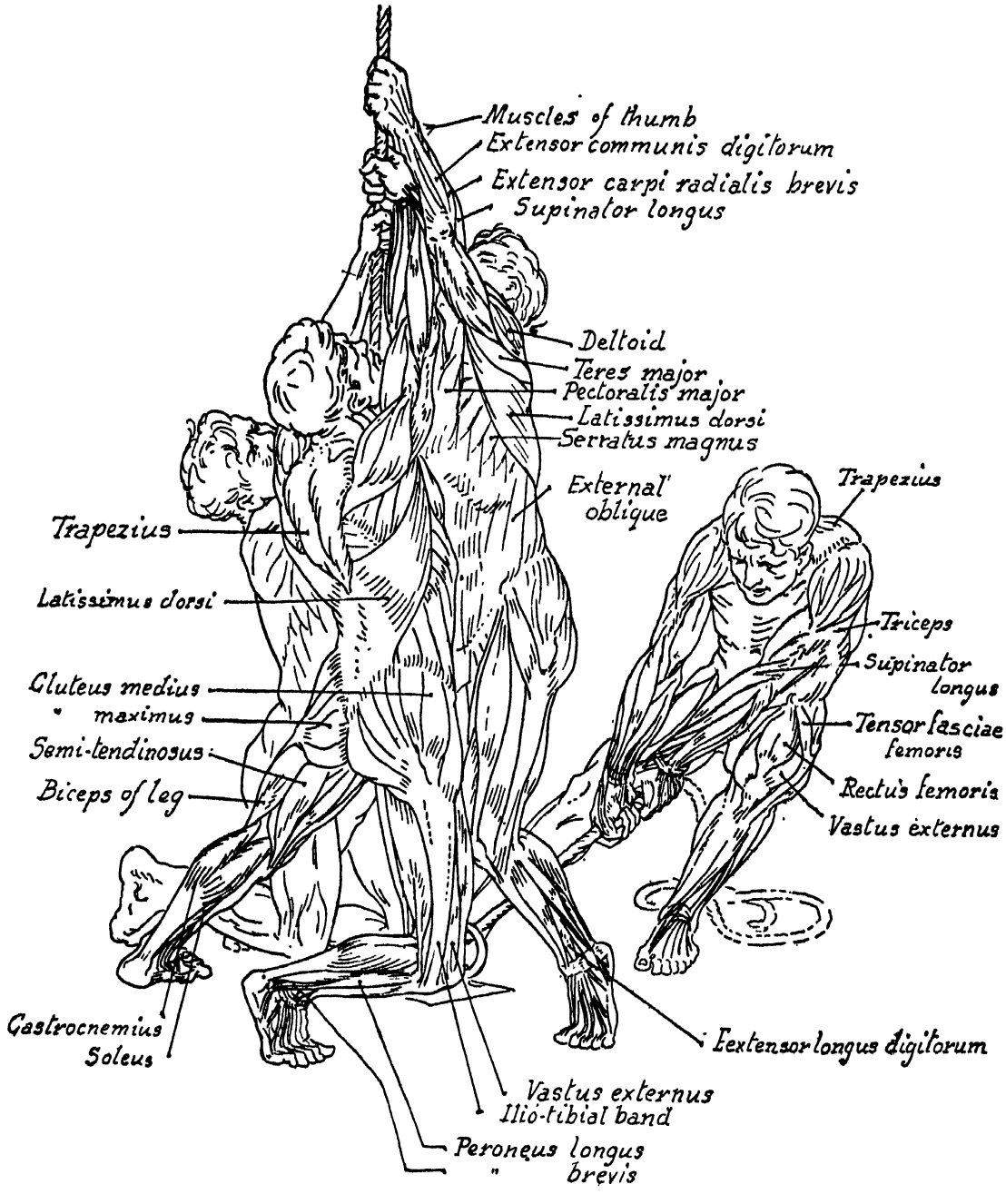


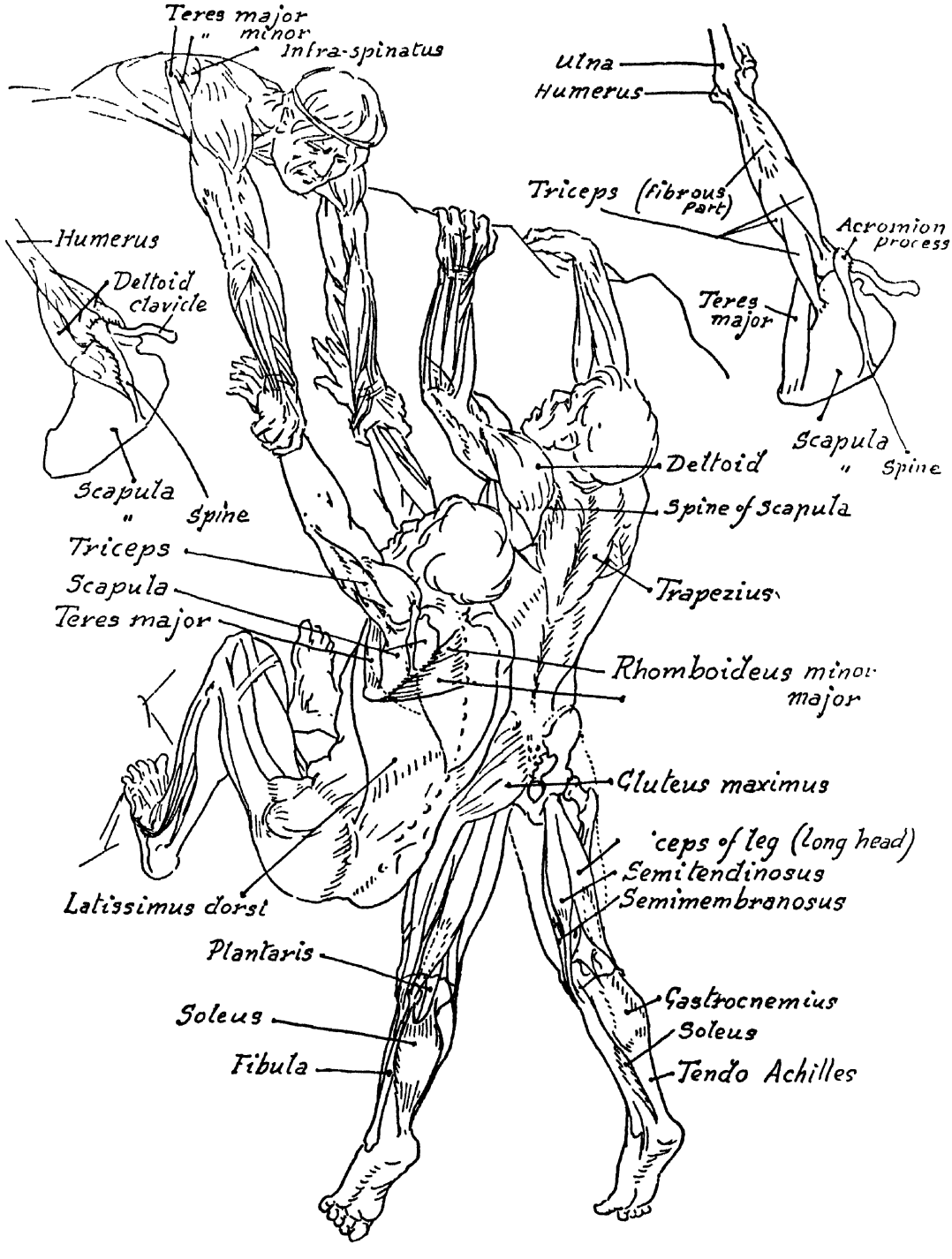
Application of anatomy to composition

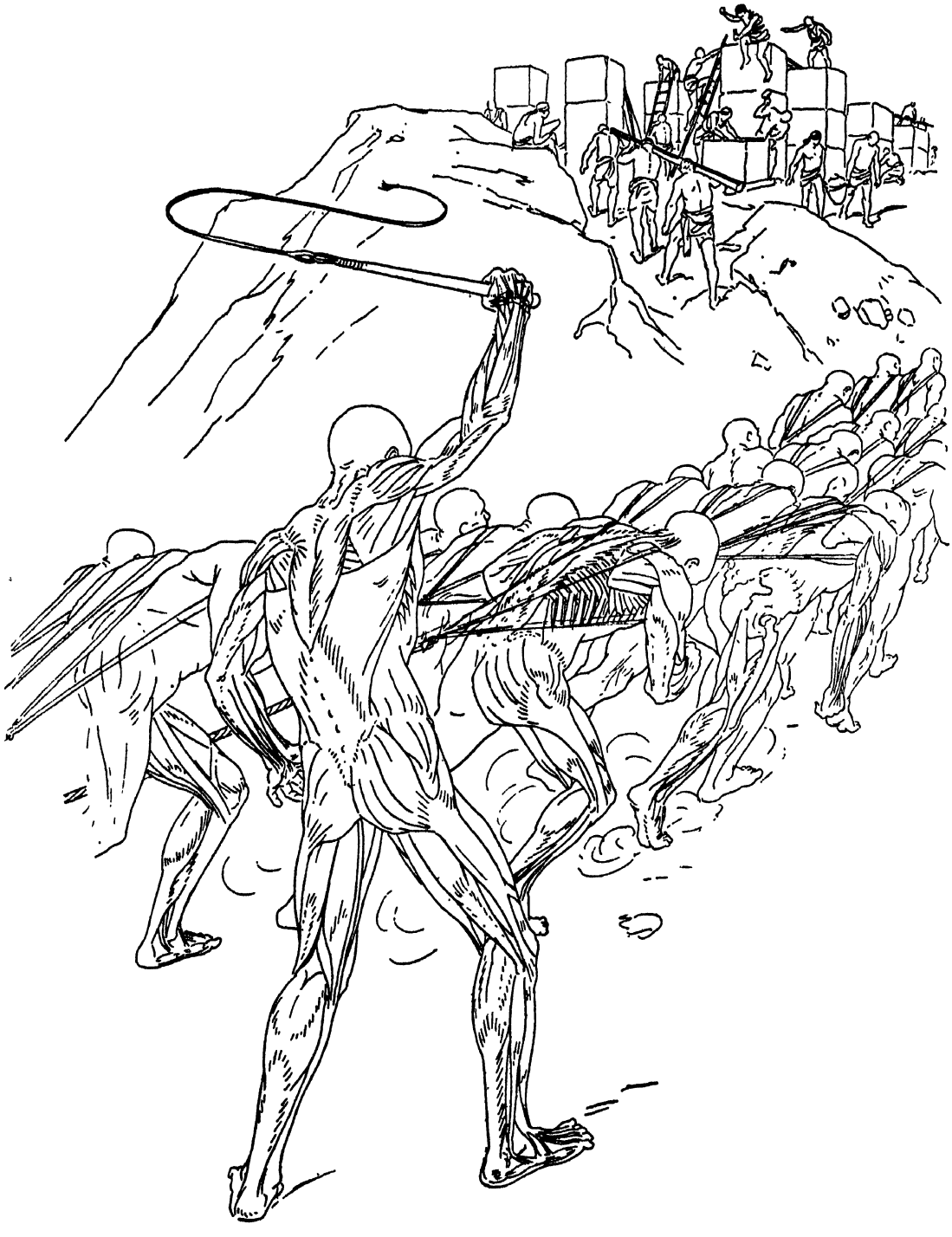

Brachialis anticus
Biceps
Triceps
Deltoid
Coraco-brachialis
Teres major
Latissimus dorsi
Serratus magnus
Rectus abdominis
External oblique
Tensor fasciae femoris
Iliacus & psoas
Pectineus
Adductor longus
" magnus
Rectus femoris
Vastus externus
Ilio-tibial band
Gastrocnemius
Peroneus longus
" brevis
Tibialis anticus
Flexor carpi radialis
Palmaris longus
Flexor carpi ulnaris
Pectoralis major
Vastus externus
Sartorius
Long extensor of
Long extensor of great toe
Pouparts ligament
Gracilis
Sartorius
Rectus femoris
Vastus externus
internus
Richer's band
Patella
Tendon of sartorius
Tibia
Tibialis anticus
Gastrocnemius
Soleus
Peroneus longus
Long flexor of toes
Annular ligament
Deltoid
Infra spinatus
Rhomboideus
Trapezius
Latissimus dorsi
External oblique
Gluteus medius
Tensor fasciae femoris
Vastus externus
Gastrocnemius
Soleus
Gluteus maximus
Infra-spinatus
Teres minor
Teres major
Deltoid
Triceps
Fat
Brachialis anticus
Biceps
Supinator longus
Anconeus
Extensor carpi rad. longus
Ex. carp. rad. brevis
Extensor communis digitorum
Ex. carpi ulnaris
Flexor -

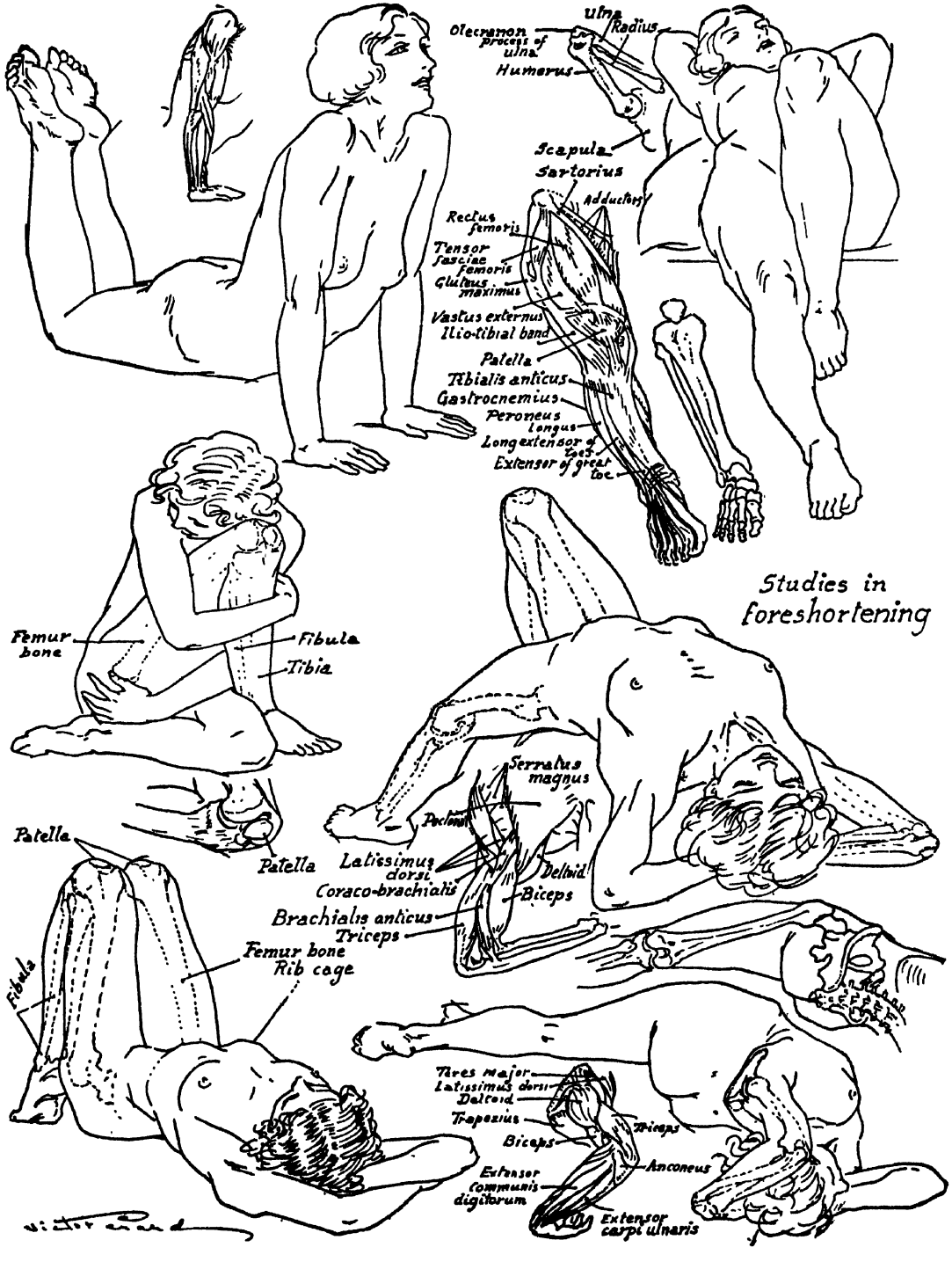


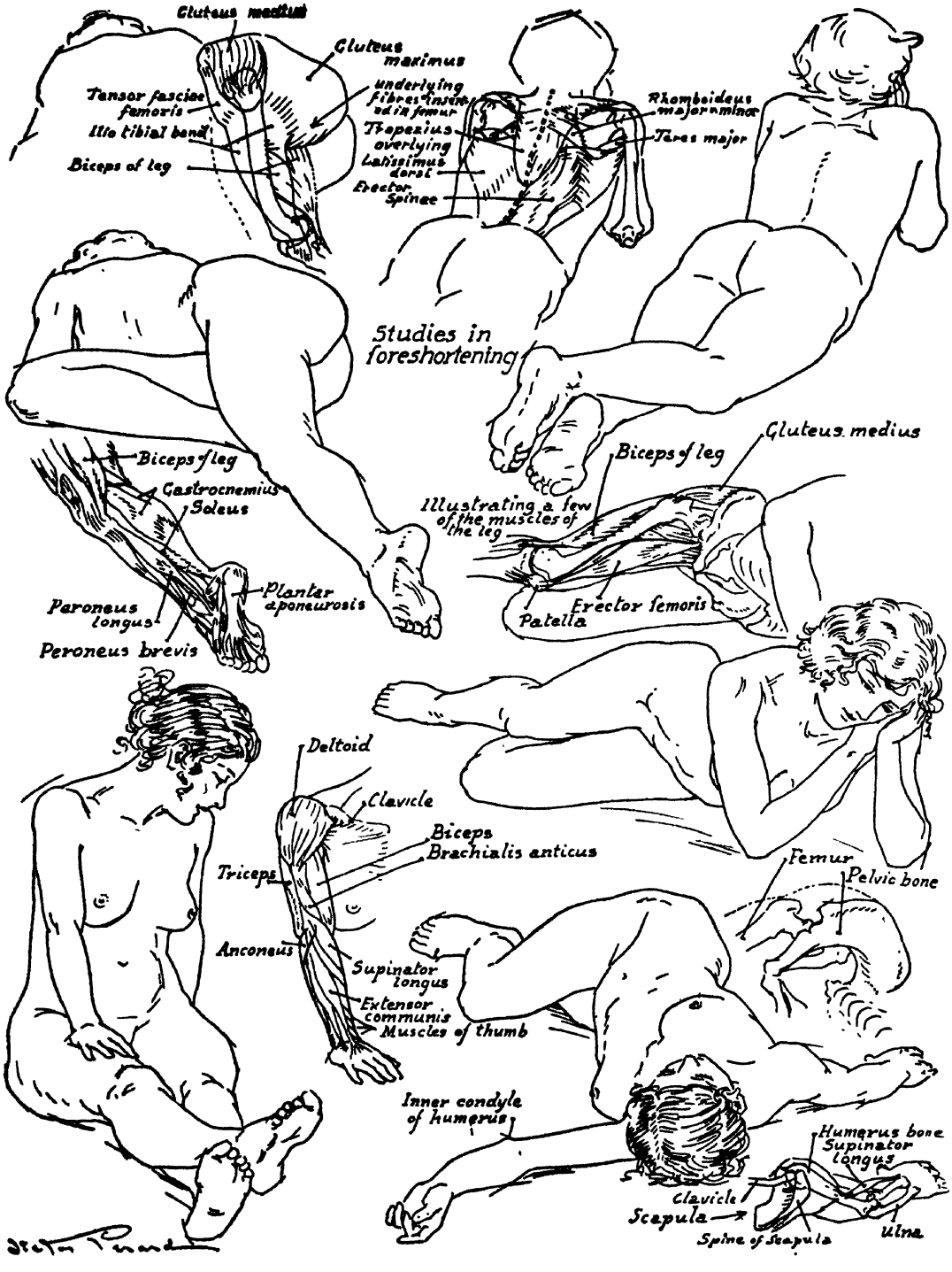

Biceps
Rectus Abdominis
Brachialis anticus
Triceps
longus
Extensor communis digitorum
Extensor carpi radialis longus
brevis
Abductor pollicis longus
Extensor pollicis brevis
Extensor pollicis longus
Rectus femoris
Vatus Internus
Sartorius
Vastus externus
Ilio-tibial band
Tibialis anticus
Long extensor of toes
Peroneus longus
Soleus
Abductor minimi pedis
Peroneus tertius
Flexor brevis pollicis pedis
Extensor brevis digitorum
Gastrocnemius
Soleus
Flexors of toes
Biceps of leg
Tensor fasciae femoris
Gluteus maximus
Gluteus medius
External oblique
Deltoid
Pronator teres
Brac. anticus
Levator scapula
Trapezius
Omo-hyoid
Deltoid
Pectoral major
Clavicle fibres
Sternum fibres
Supinator longus
Extensor carpi rad long.
" " " brev
Extensor com. digitorum
Extensor ulnaris
Flexor carpi ulnaris
Flexor communis digitorum
Palmaris longus
Flexor carpi radialis

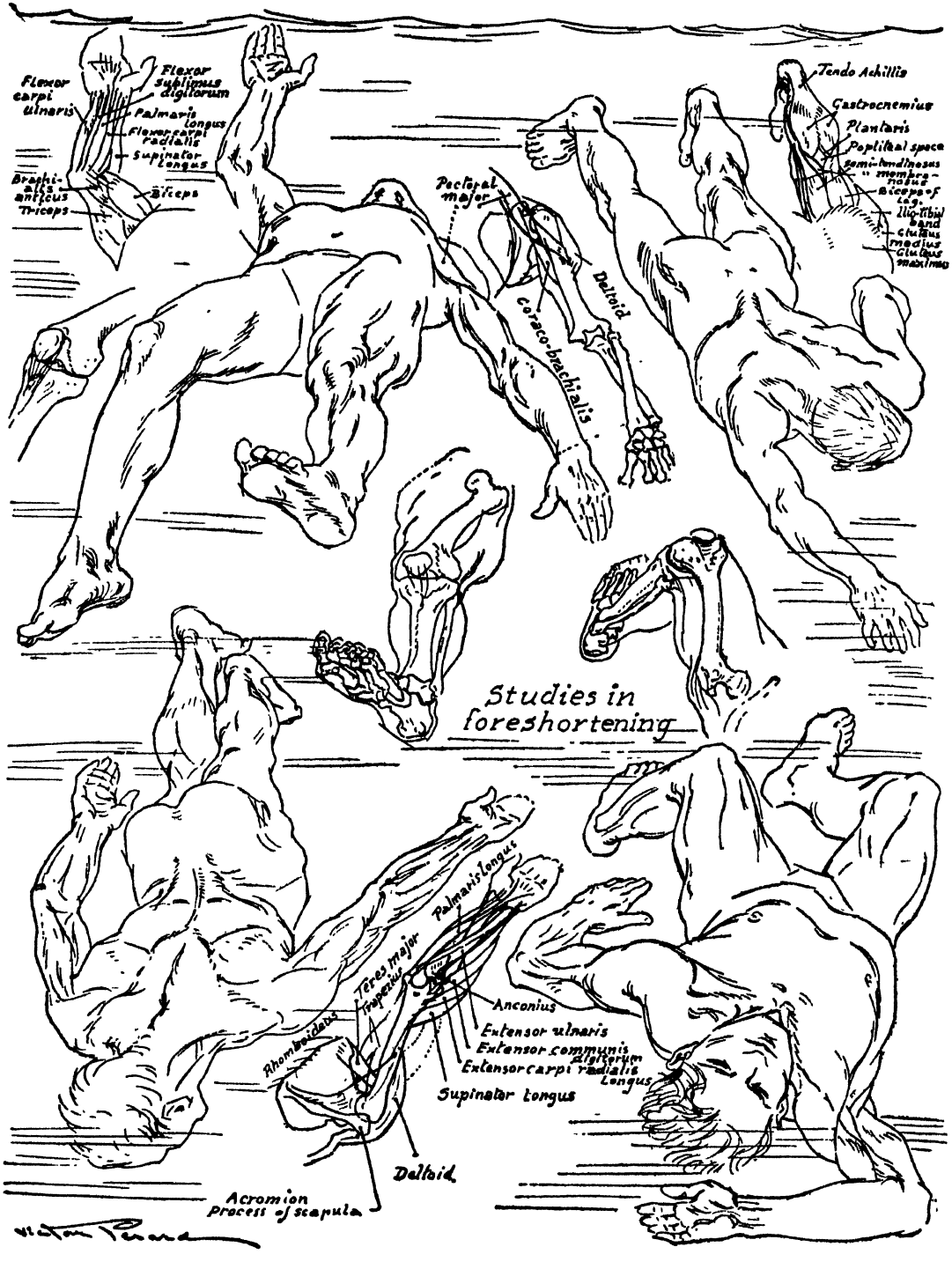

Muscles of thumb
Extensor communis digitorum
Extensor carpi radialis brevis
Supinator longus
Deltoid
Teres major
Pectoralis major
Latissimus dorsi
Serratus magnus
External oblique
Trapezius
Latissimus dorsi
Gluteus medius
" maximus
Semi-tendinosus
Biceps of leg
Gastrocnemius
Soleus
Vastus externus
Ilio-tibial band
Peroneus longus
" brevis
Trapezius
Triceps
Supinator longus
Tensor fasciae femoris
Rectus femoris
Vastus externus
Extensor longus digitorum

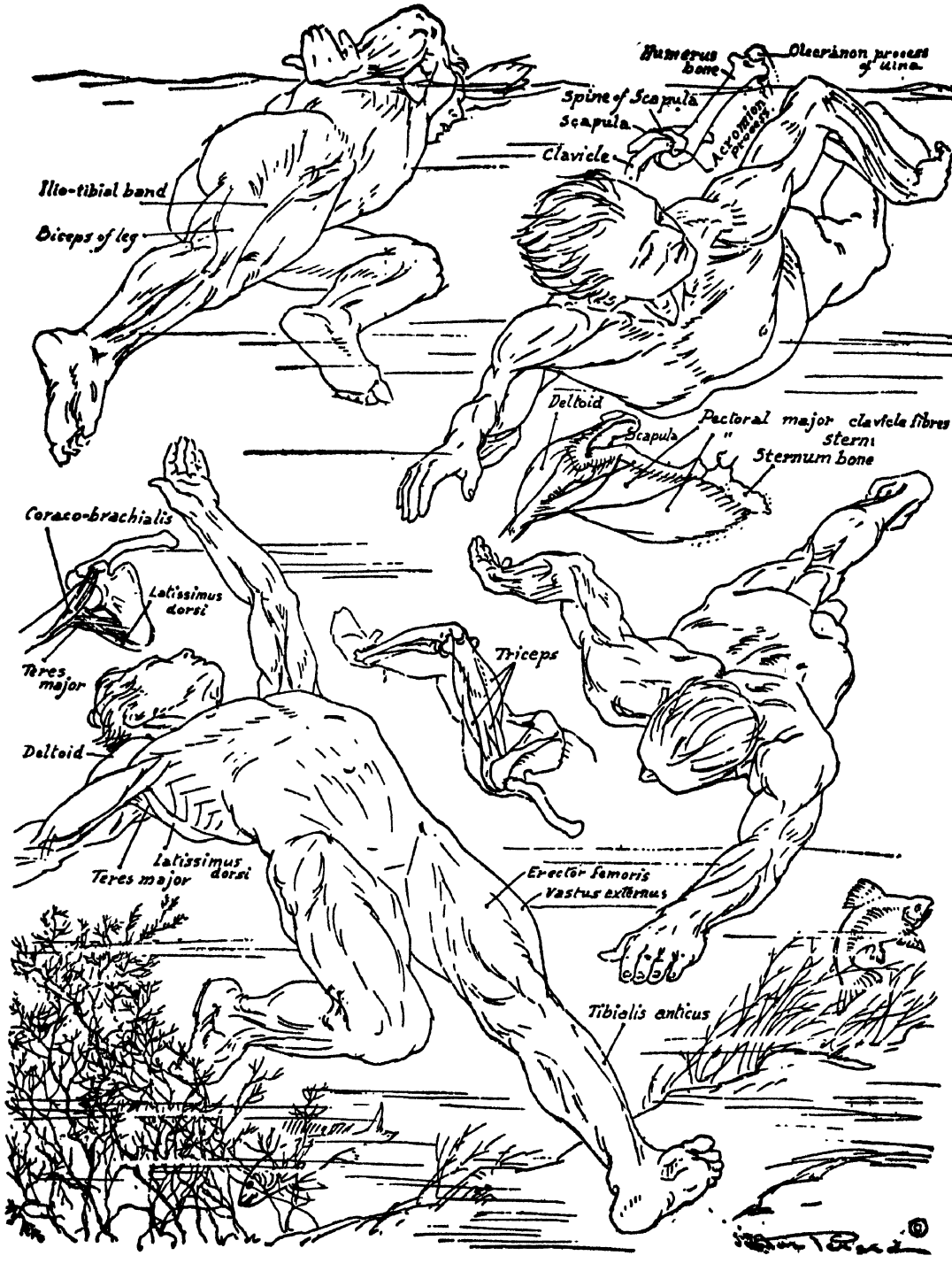

Teres major
" minor
Infra-spinatus
Ulna
Humerus
Triceps (fibrous part)
Acromion process
Humerus
Deltoid
clavicle
Teres major
Scapula
" Spine
Deltoid
Scapula
" Spine
Spine of Scapula
Triceps
Scapula
Teres major
Trapezius
Rhomboideus minor
major
Gluteus maximus
ceps of leg (long head)
Semitendinosus
Semimembranosus
Latissimus dorsi
Plantaris
Soleus
Fibula
Gastrocnemius
Soleus
Tendo Achilles

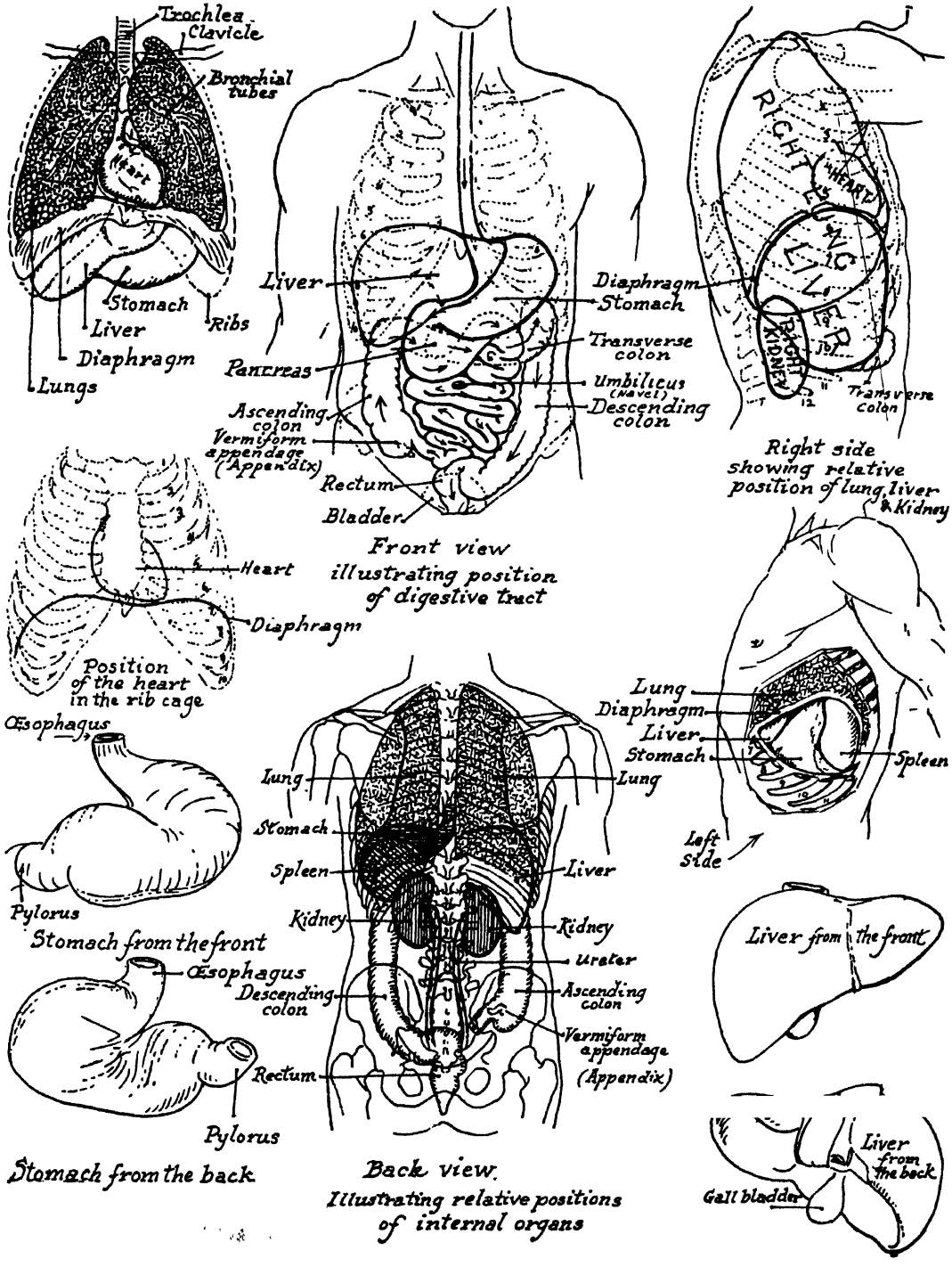



Olecranon process of ulna
Ulna
Radius
Humerus
Scapula
Sartorius
Adductors
Rectus femoris
Tensor fasciae femoris
Gluteus maximus
Vastus externus
Ilio-tibial band
Patella
Tibialis anticus
Gastrocnemius
Peroneus longus
Long extensor of toes
Extensor of great toe
Studies in foreshortening
Femur bone
Fibula
Tibia
Patella
Patella
Serratus magnus
Pectoral
Latissimus dorsi
Coraco-brachialis
Deltoid
Biceps
Brachialis anticus
Triceps
Femur bone
Rib cage
Fibula
Pectoralis major
Latissimus dorsi
Deltoid
Trapezius
Biceps
Triceps
Anconeus
Extensor communis digitorum
Extensor carpi ulnaris


Gluteus medius
Gluteus maximus
Tensor fascia femoris
Ilio tibial band
Biceps of leg
underlying fibres inserted in femur
Trapezius overlying
Latissimus dorsi
Erector Spinae
Rhomboideus major & minor
Teres major
Studies in foreshortening
Biceps of leg
Gastrocnemius
Soleus
Plantar aponeurosis
Peroneus longus
Peroneus brevis
Illustrating a few of the muscles of the leg
Biceps of leg
Gluteus medius
Erector femoris
Patella
Deltoid
Clavicle
Biceps
Brachialis anticus
Triceps
Anconeus
Supinator longus
Extensor communis
Muscles of thumb
Femur
Pelvic bone
Inner condyle of humerus
Humerus bone
Supinator longus
Clavicle
Scapula
Spine of Scapula
Ulna


Flexor carpi ulnaris
Flexor sublimus digitorum
Palmaris longus
Flexor carpi radialis
Supinator longus
Brachialis anticus
Triceps
Biceps
Pectoral major
Deltoid
Coraco-brachialis
Tendo Achillis
Gastrocnemius
Plantaris
Popliteal space
Semi-tendinosus
Biceps of leg
Ilio-tibial band
Gluteus medius
Gluteus maximus
Studies in foreshortening
Palmaris longus
Teres major
Triceps
Rhomboideus
Anconius
Extensor ulnaris
Extensor communis digitorum
Extensor carpi radialis longus
Supinator longus
Deltoid
Acromion process of scapula


Humerus bone
Olecranon process of ulna
Spine of Scapula
Scapula
Acromion process
Clavicle
Ilio-tibial band
Biceps of leg
Deltoid
Pectoral major clavicle fibres
"
sterni
Scapula
Sternum bone
Coraco-brachialis
Latissimus dorsi
Teres major
Triceps
Deltoid
Latissimus dorsi
Teres major
Erector femoris
Vastus externus
Tibialis anticus


Trochlea
Clavicle
Bronchial tubes
Heart
Stomach
Liver
Ribs
Diaphragm
Lungs
Liver
Pancreas
Ascending colon
Vermiform appendage (Appendix)
Rectum
Bladder
Diaphragm
Stomach
Transverse colon
Umbilicus (Navel)
Descending colon
Front view illustrating position of digestive tract
RIGHT LUNG
HEART
LIVER
RIGHT KIDNEY
Transverse Colon
Right side showing relative position of lung, liver
Kidney
Heart
Diaphragm
Position of the heart in the rib cage
Lung
Diaphragm
Liver
Stomach
Spleen
Left Side
Œsophagus
Pylorus
Stomach from the front
Œsophagus
Descending colon
Rectum
Pylorus
Stomach from the back
Lung
Lung
Stomach
Spleen
Liver
Kidney
Kidney
Ureter
Ascending colon
Vermiform appendage (Appendix)
Back view
Illustrating relative positions of internal organs
Liver from the front
Liver from the back
Gall bladder