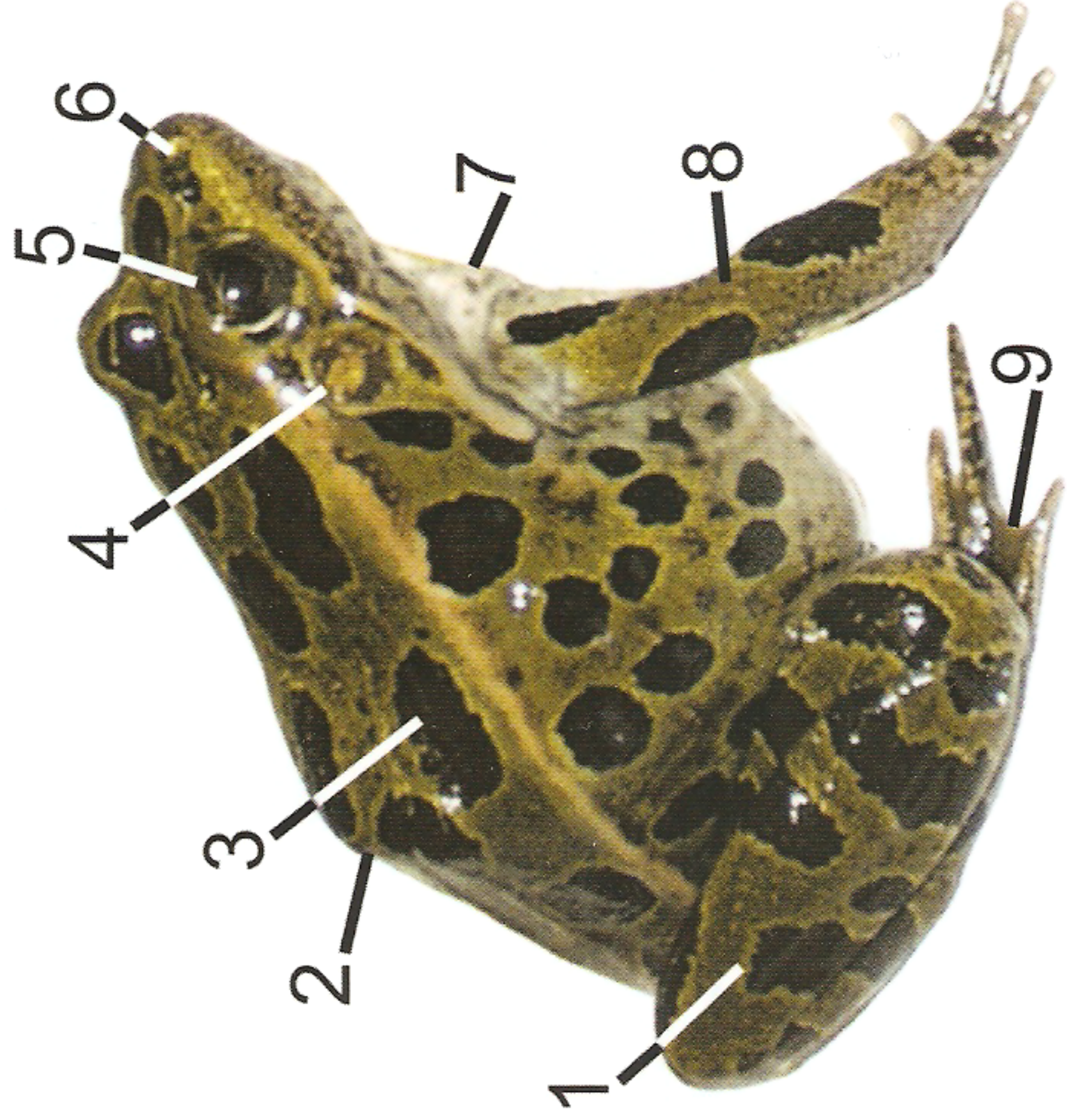
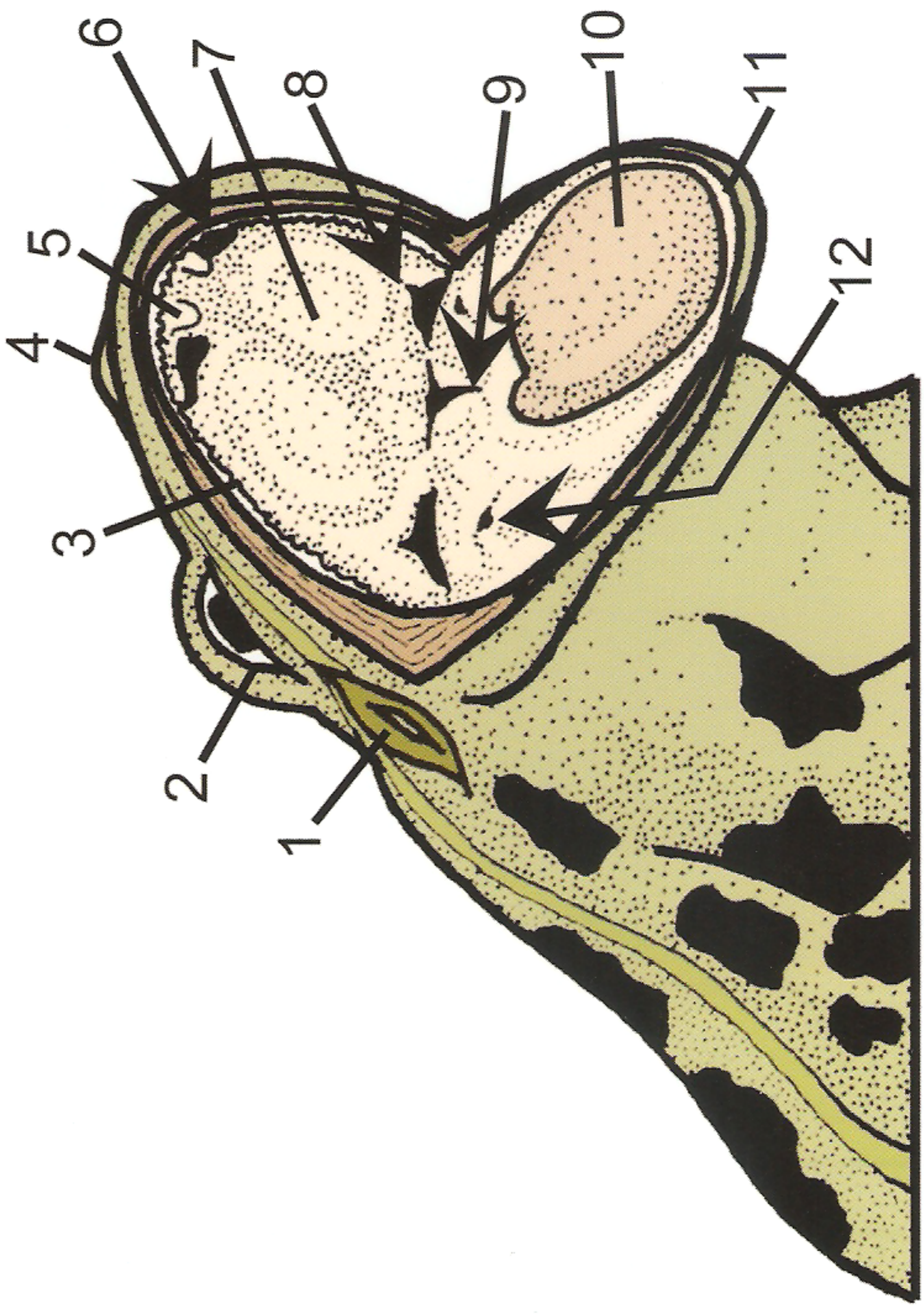


The External Anatomy of the Frog



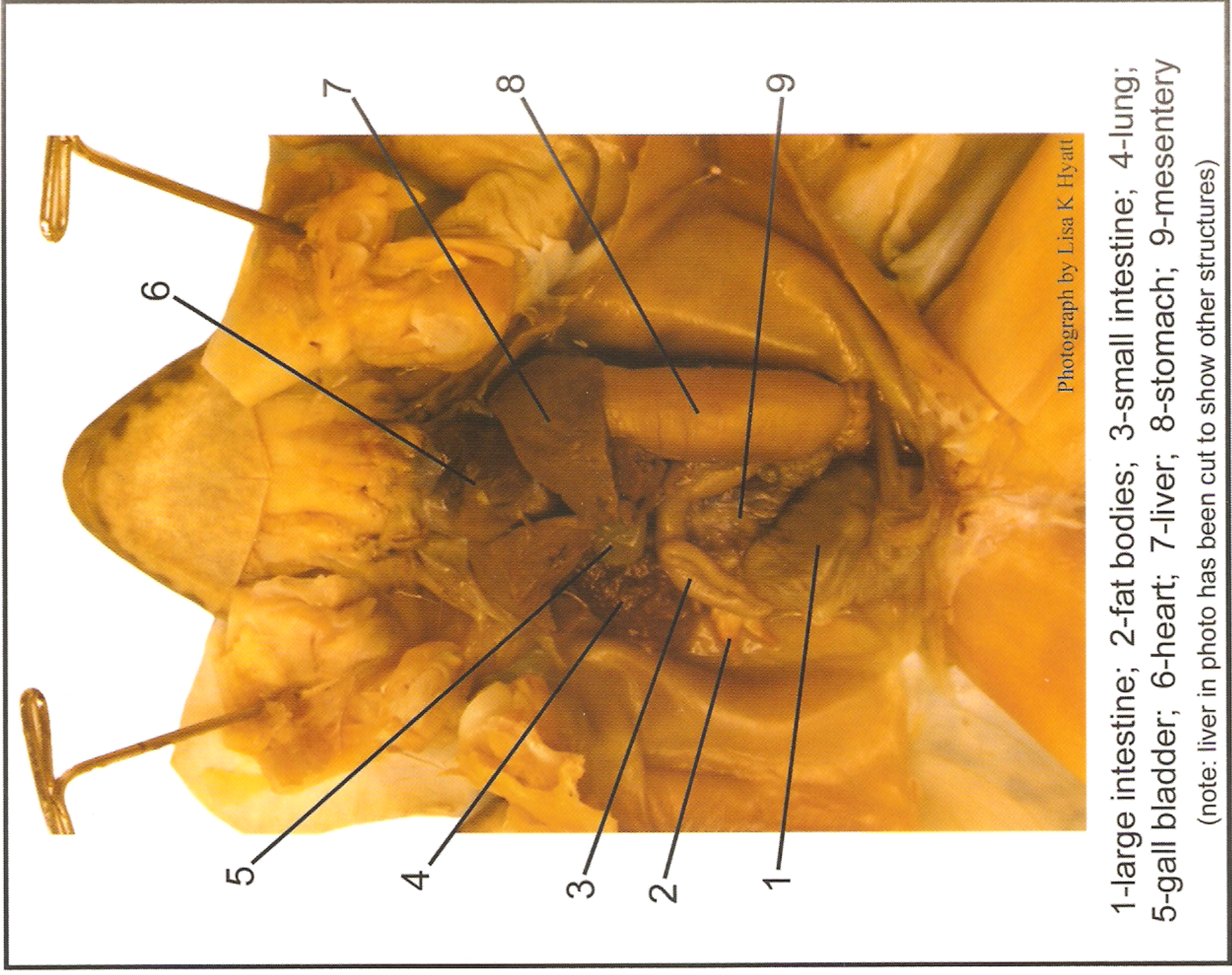
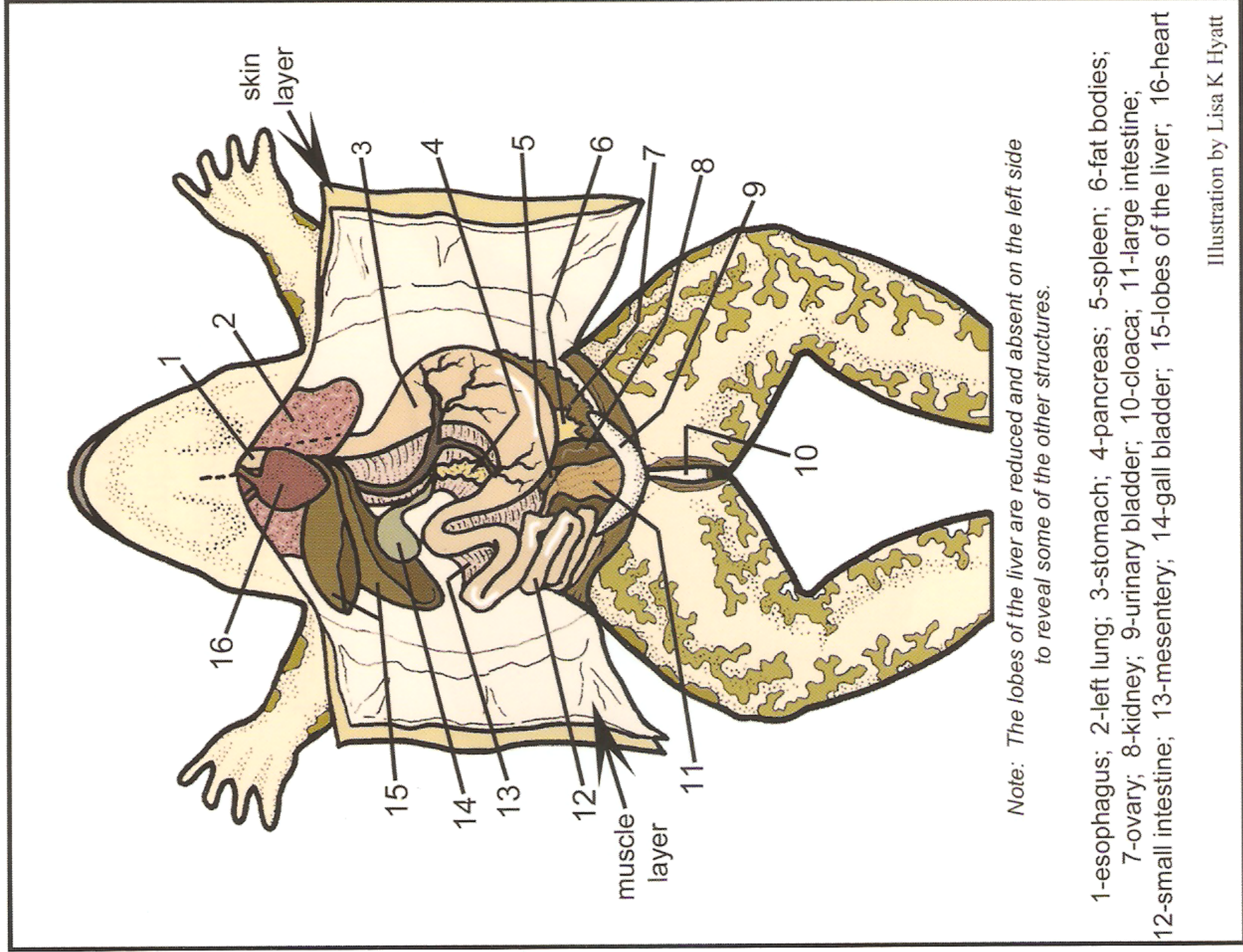
- 1-muscular jumping leg;
- 2-sacral hump;
- 3-camouflaged dorsal side;
- 4-tympanic membrane; 5-eye;
- 6-nare; 7-light ventral side;
- 8-foreleg; 9-webbed foot



- 1-tympanic membrane; 2-eye with nictitating membrane;
- 3-maxillary teeth; 4-external nare;
- 5-vomerine teeth; 6-internal nare; 7-roof of the mouth;
- 8-opening to the eustachian tube;
- 9-glottis (leads to the opening of the esophagus);
- 10-tongue; 11-mandible; 12-opening to vocal sac

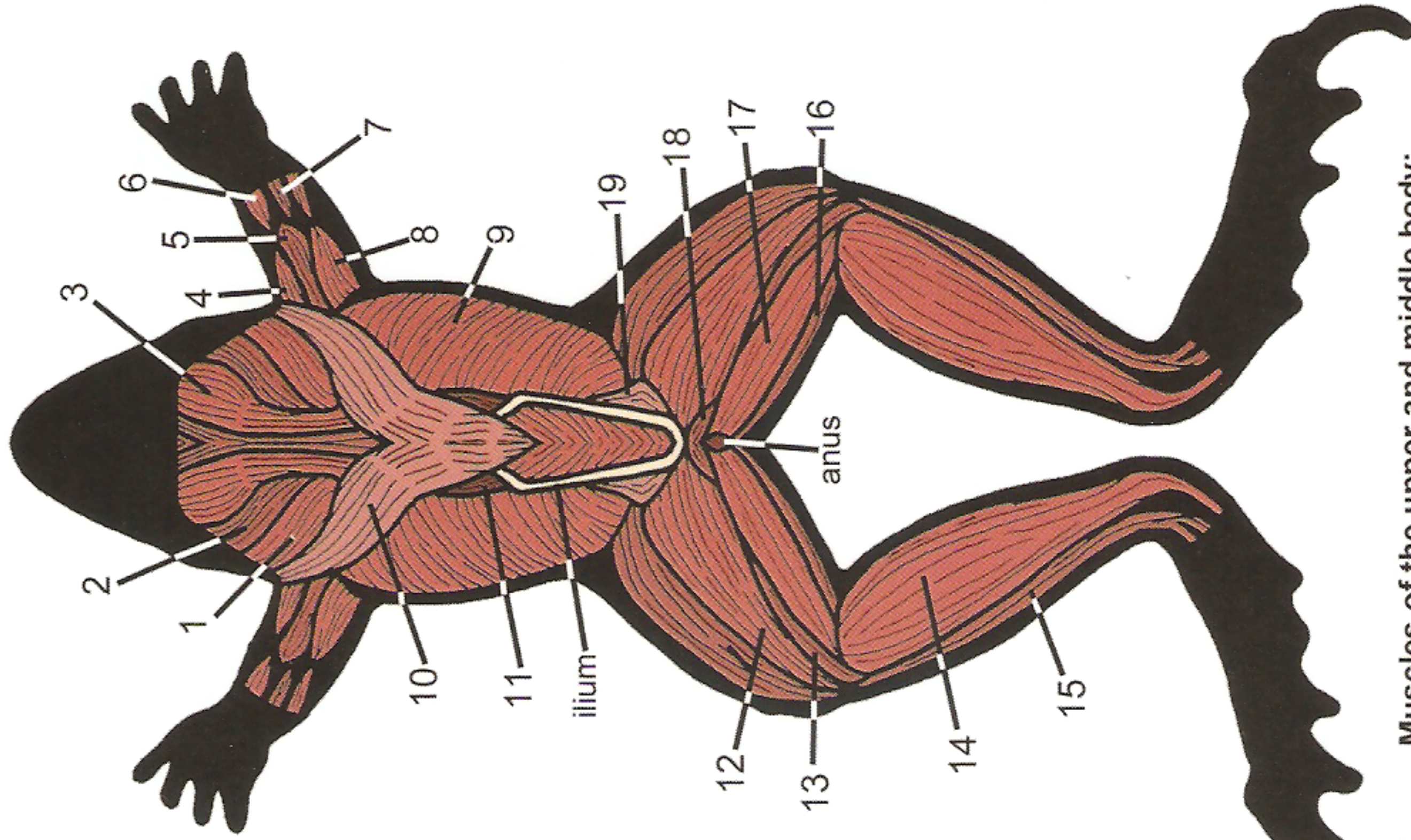
Illustration by Lisa K Hyatt

The Internal Anatomy of the Frog



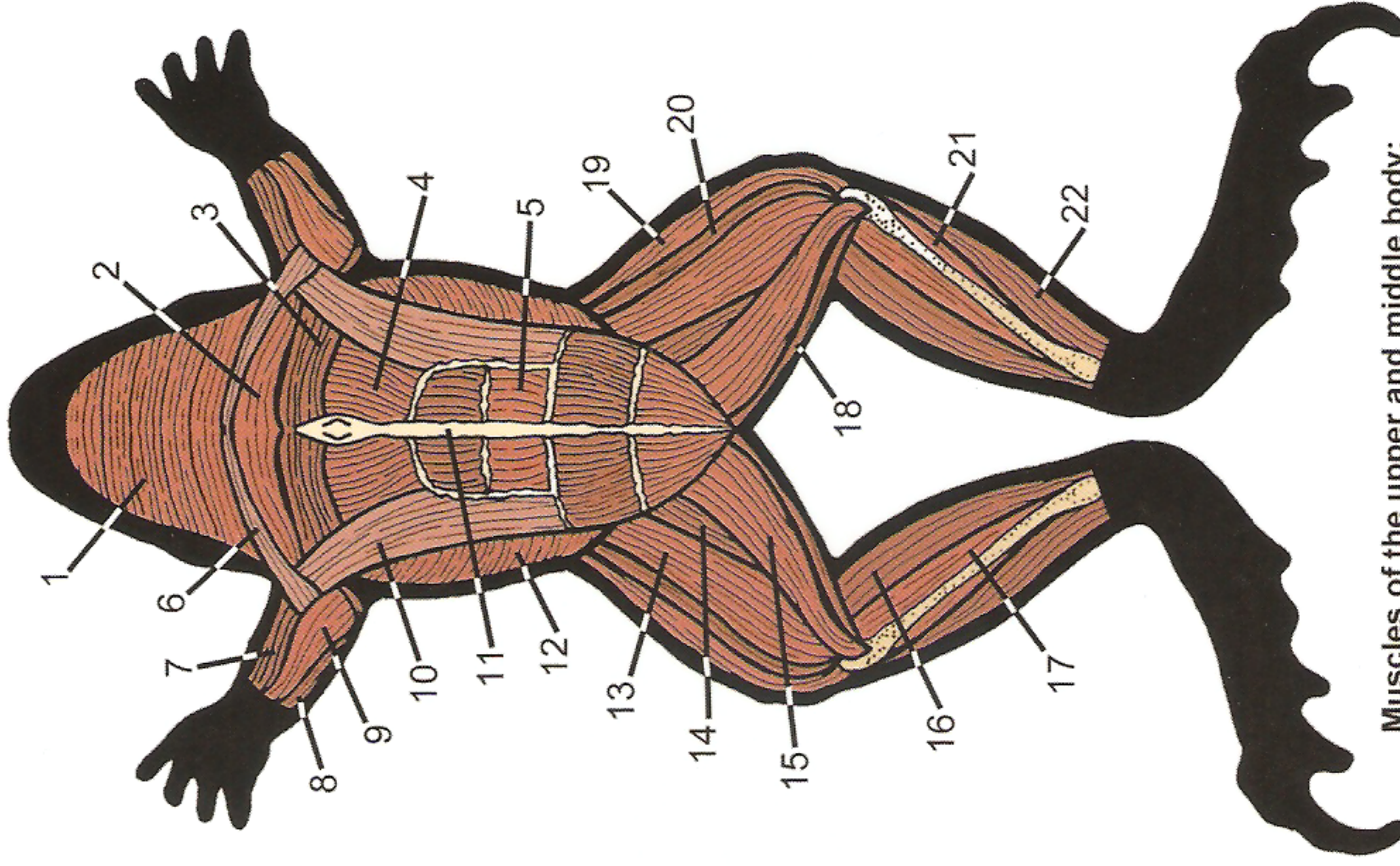
The Muscular System of the Frog

The Dorsal Muscles of the Frog



- Muscles of the upper and middle body:**
 1-dorsalis scapulae; 2-depressor mandibularis; 3-temporalis; 4-deltoid; 5-triceps brachii;
 6-extensor carpi ulnaris; 7-extensor digitorum communis; 8-anconeus; 9-external oblique;
 10-latissimus dorsi; 11-iliolumbaris;
- Muscles of the lower body:**
 12-triceps femoris; 13-biceps femoris; 14-gastrocnemius; 15-peroneus; 16-gracilis minor;
 17-semimembranosus; 18-piriformis; 19-gluteus;

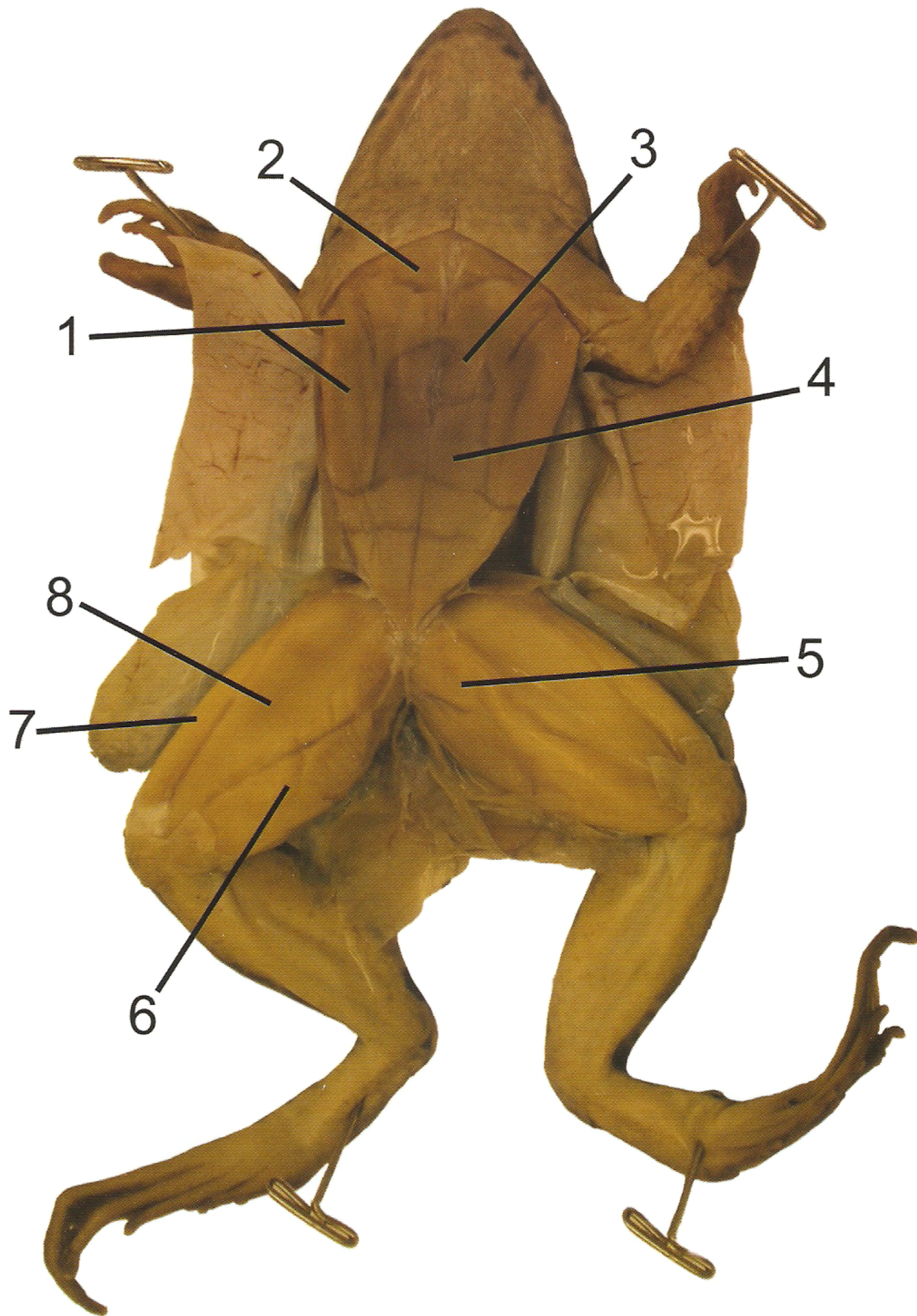
The Ventral Muscles of the Frog



- Muscles of the upper and middle body:**
 1-mylohyoid; 2-sternoradialis; 3-pectoralis major; 4-cutaneous pectoralis;
 5-rectus abdominus; 6-deltoid; 7-extensor carpi radialis; 8-flexor carpi ulnaris;
 9-flexor carpi radialis; 10-pectoralis major; 11-linea alba; 12-external oblique;
- Muscles of the lower body:**
 13-sartorius; 14-adductor magnus; 15-gracilis major; 16-gastrocnemius;
 17-tibialis posterior; 18-gracilis minor; 19-triceps femoris; 20-adductor longus;
 21-extensor cruris; 22-tibialis anterior longus

Illustrations by Lisa K Hyatt

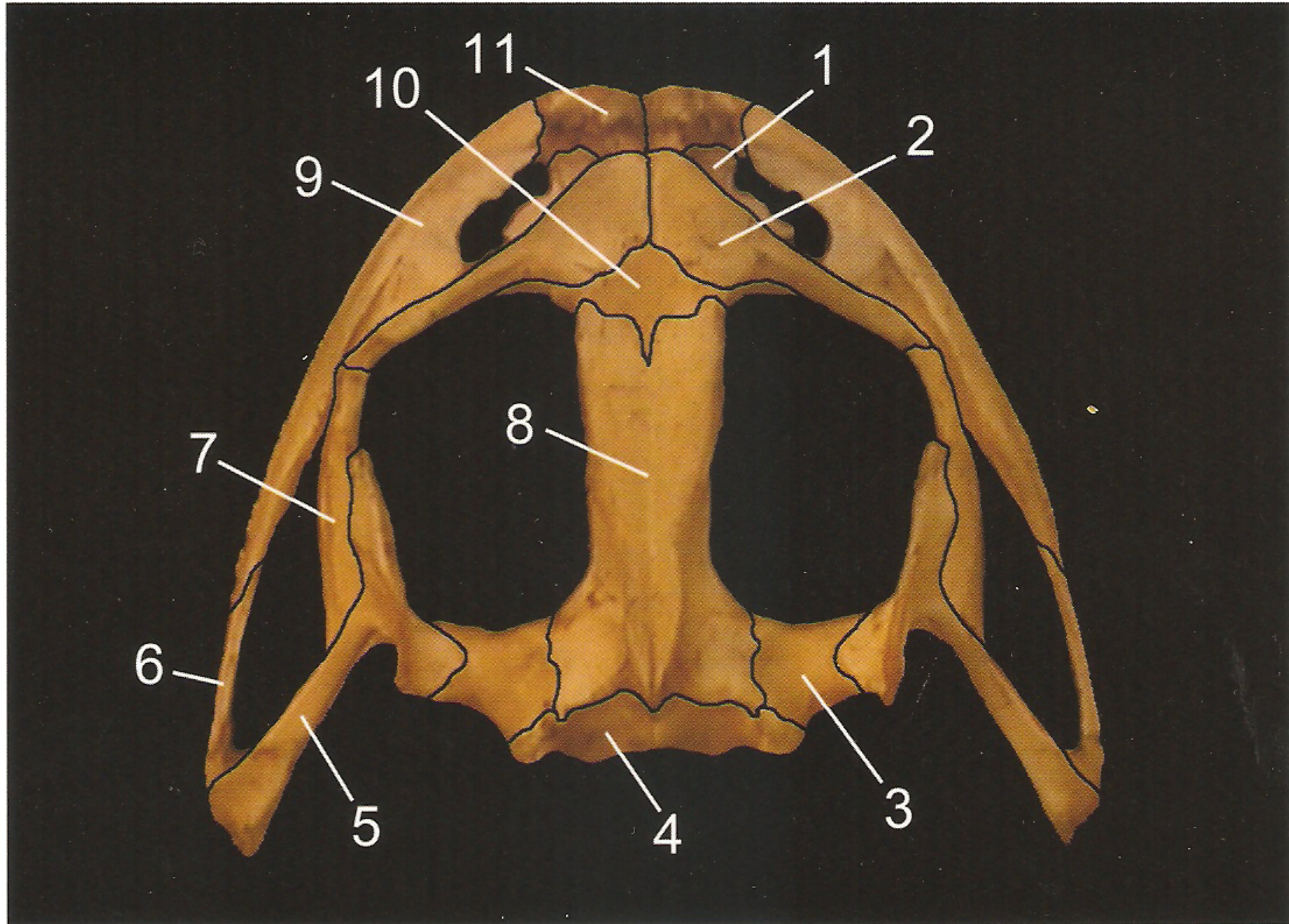
Photographic View of the Ventral Muscles of the Frog



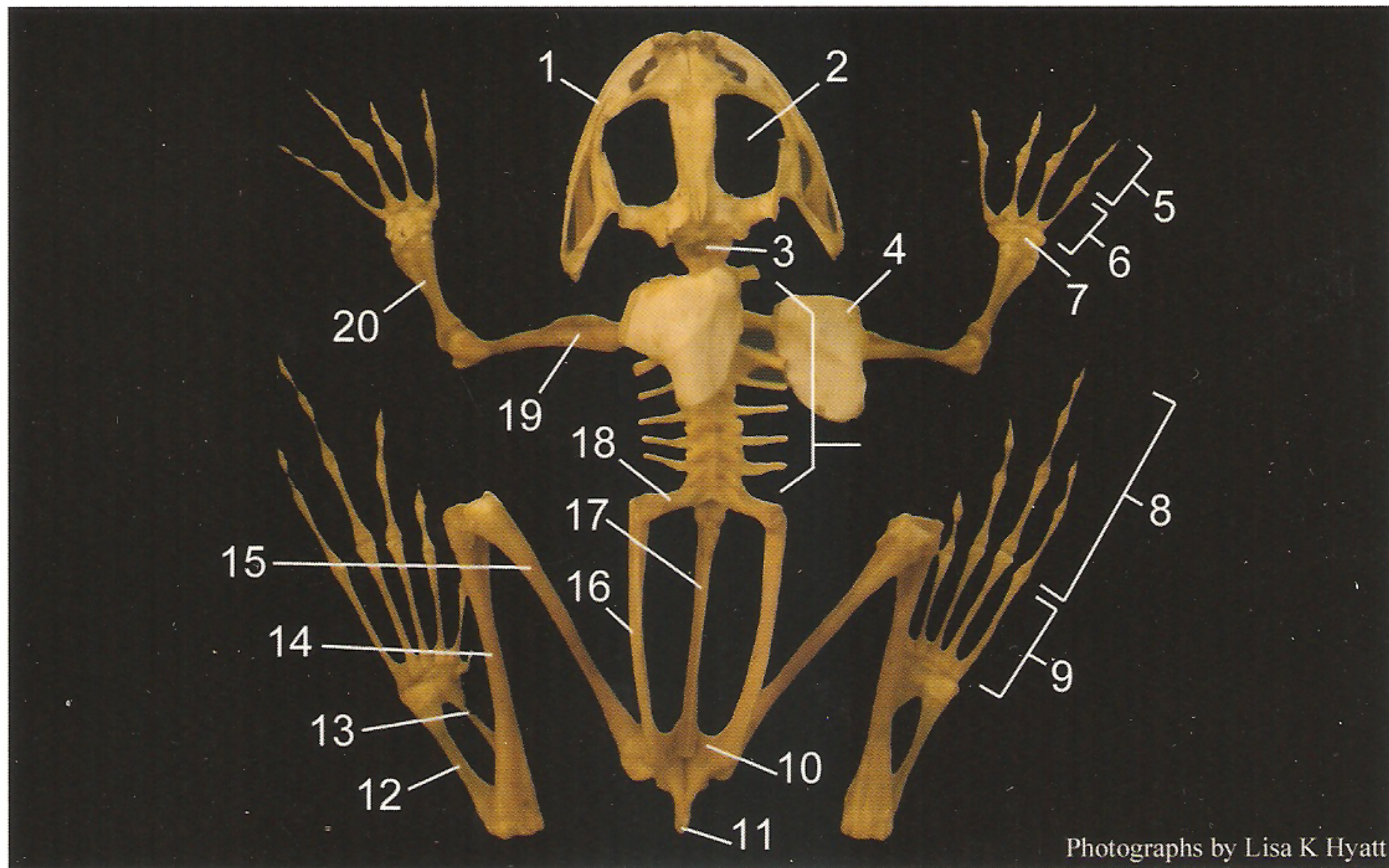
1-pectoralis major; 2-deltoid; 3-cutaneous pectoralis;
4-rectus abdominalis; 5-adductor magnus; 6-gracilis major;
7-triceps femoris; 8-satorius

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1-vomer; 2-nasal; 3-prootic; 4-exoccipital; 5-squamosal; 6-quadratojugal;
7-pterygoid; 8-frontoparietal; 9-maxilla; 10-sphenethmoid; 11-premaxilla

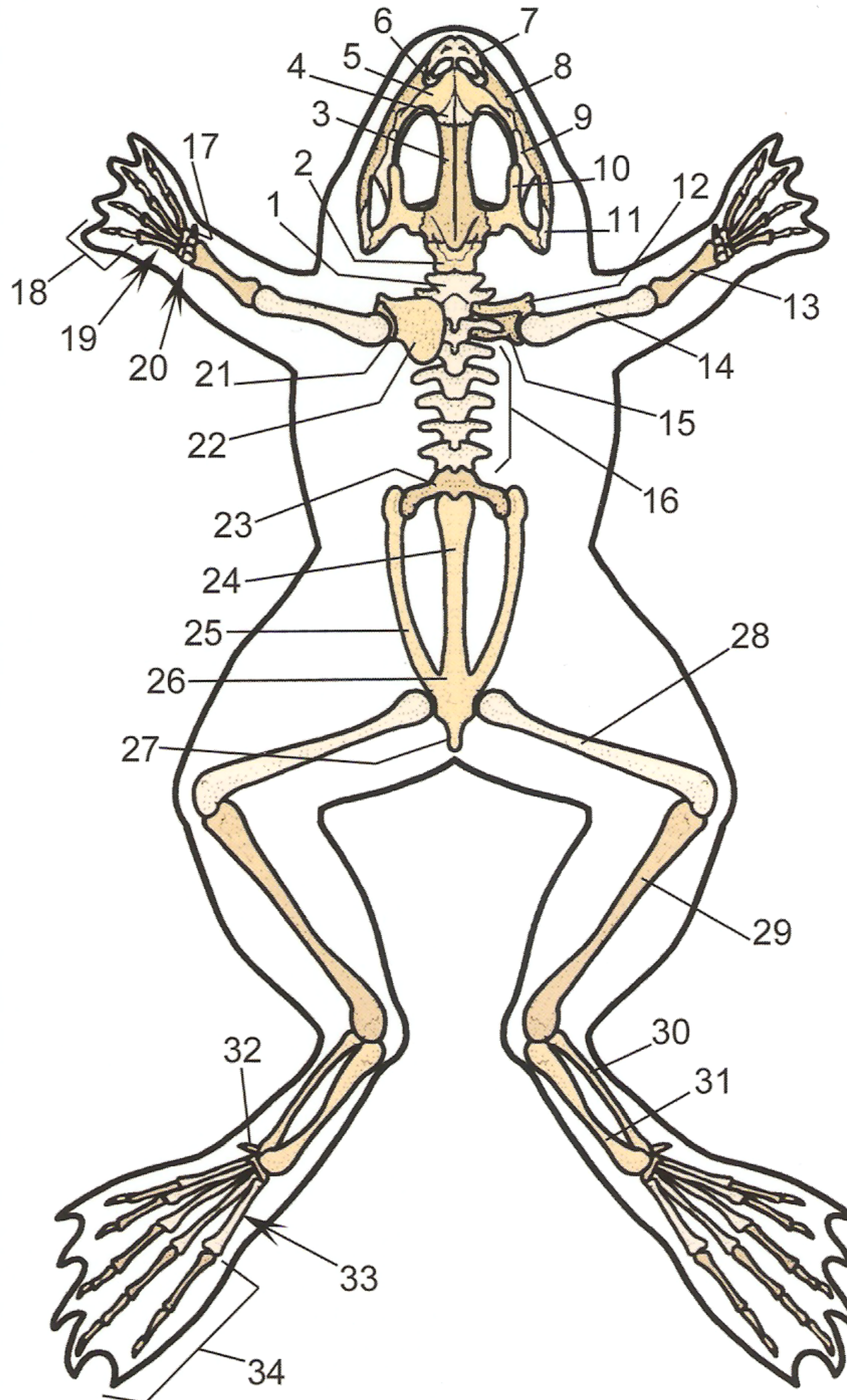


Photographs by Lisa K Hyatt

1-skull; 2-orbit (eye socket); 3-atlas; 4-suprascapula; 5-phalanges;
6-metacarpals; 7-carpals; 8-phalanges; 9-metatarsals; 10-pubis;
11†-ischium; 12-calcaneus; 13-astragalus; 14-tibiofibula; 15-femur;
16-ilium; 17-urostyle; 18-sacral vertebra; 19-humerus; 20-coracoid

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The Skeletal System of the Frog



The skull and related bones:

1-atlas; 2-exoccipital; 3-frontoparietal; 4-sphenethmoid; 5-nasal;
6-vomer; 7-premaxilla; 8-maxilla; 9-pterygoid; 10-squamosal; 11-quadratojugal;

Bones of the upper body:

12-clavicle; 13-coracoid; 14-humerus; 15-radioulna; 16-vertebral column; 17-prepollux;
18-phalanges; 19-metacarpals; 20-carpals; 21-scapula; 22-suprascapula;

Bones of the lower body:

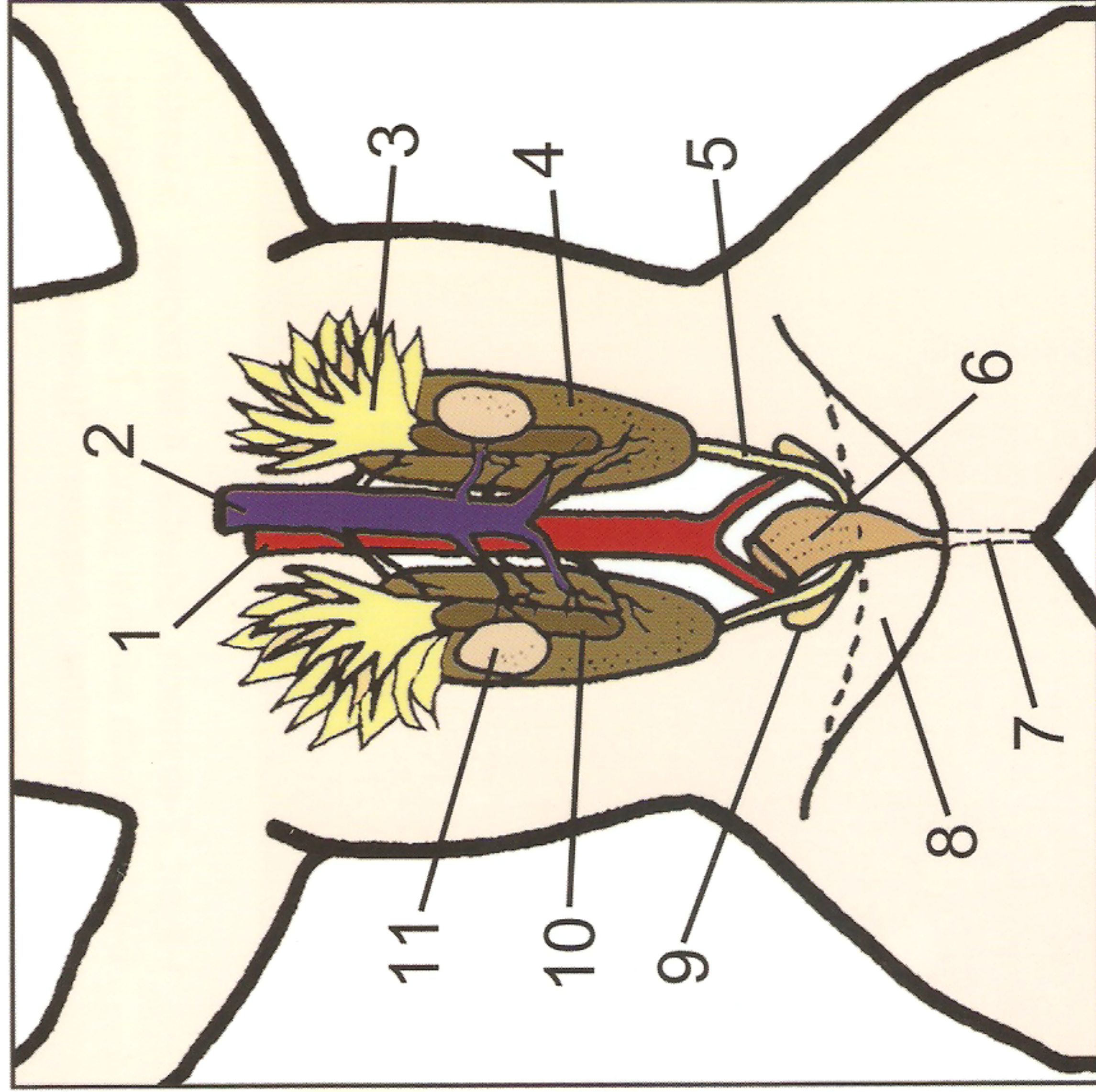
23-sacral vertebra; 24-urostyle; 25-ilium; 26-pubis; 27-ischium; 28-femur; 29-tibiofibula;
30-astragalus; 31-calcaneum; 32-prehallux; 33-metatarsals; 34-phalanges

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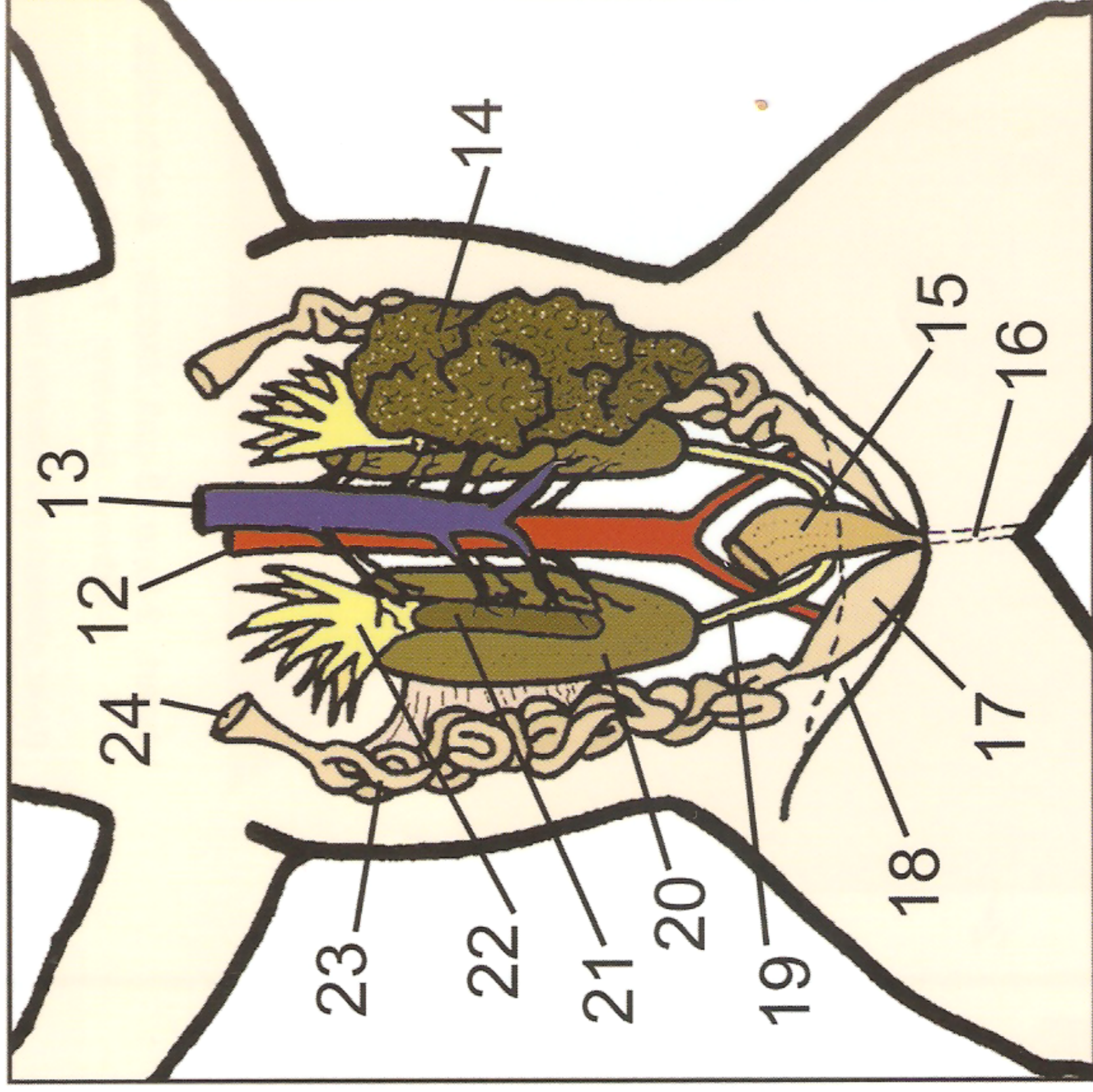
The Urogenital System of the Frog

Male



Male: 1-aorta; 2-posterior vena cava; 3-fat bodies; 4-kidney; 5-ureter; 6-large intestine;
7-cloaca; 8-urinary bladder; 9-seminal vesicle; 10-adrenal gland; 11-testis

Female

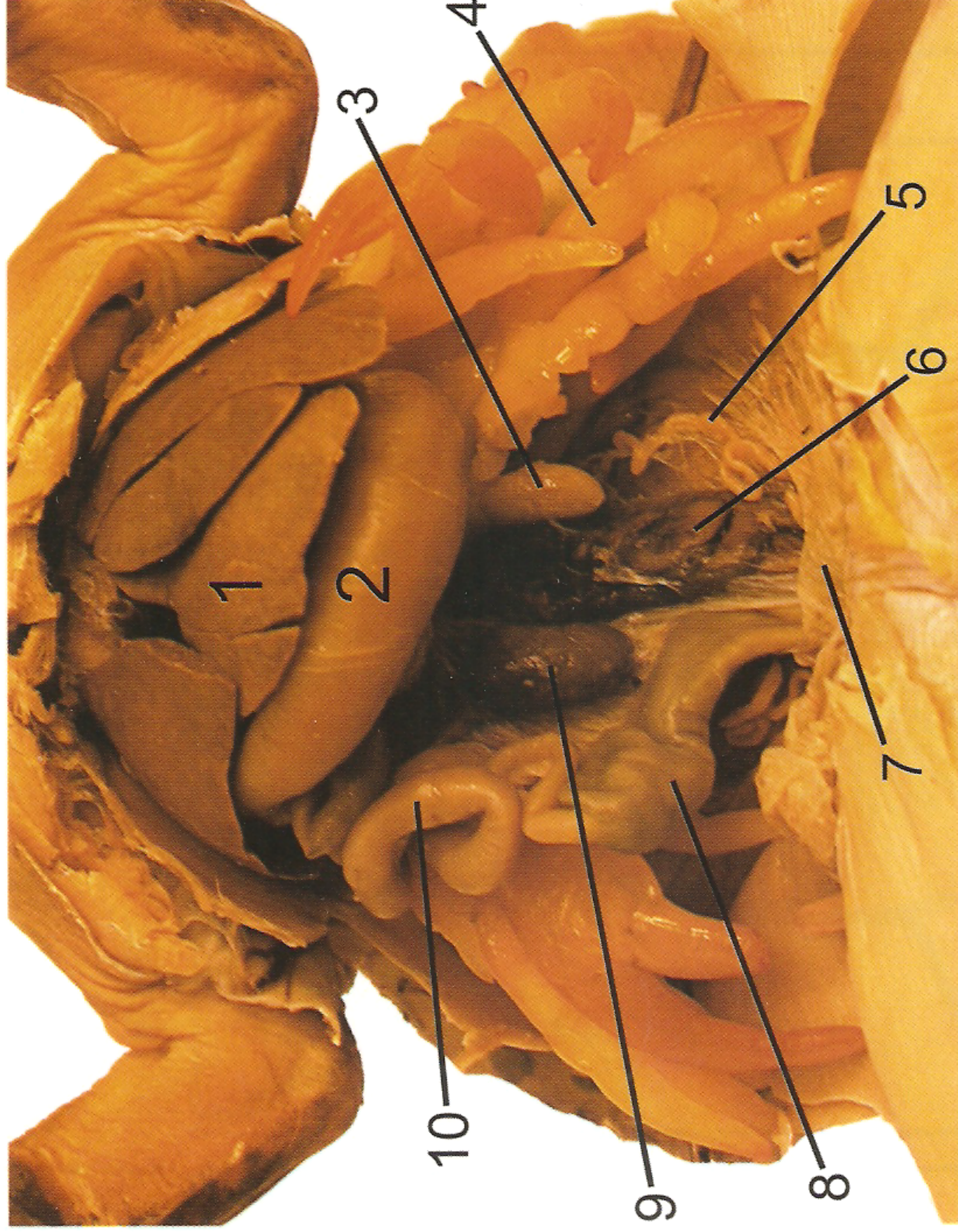


Female: 12-aorta; 13-posterior vena cava; 14-ovary; 15-large intestine; 16-cloaca;
17-uterus; 18-urinary bladder; 19-ureter; 20-kidney; 21-adrenal gland;
22-fat bodies; 23-oviduct; 24-ostium

Illustrations by Lisa K Hyatt

Photographic View of the Urogenital System of the Frog

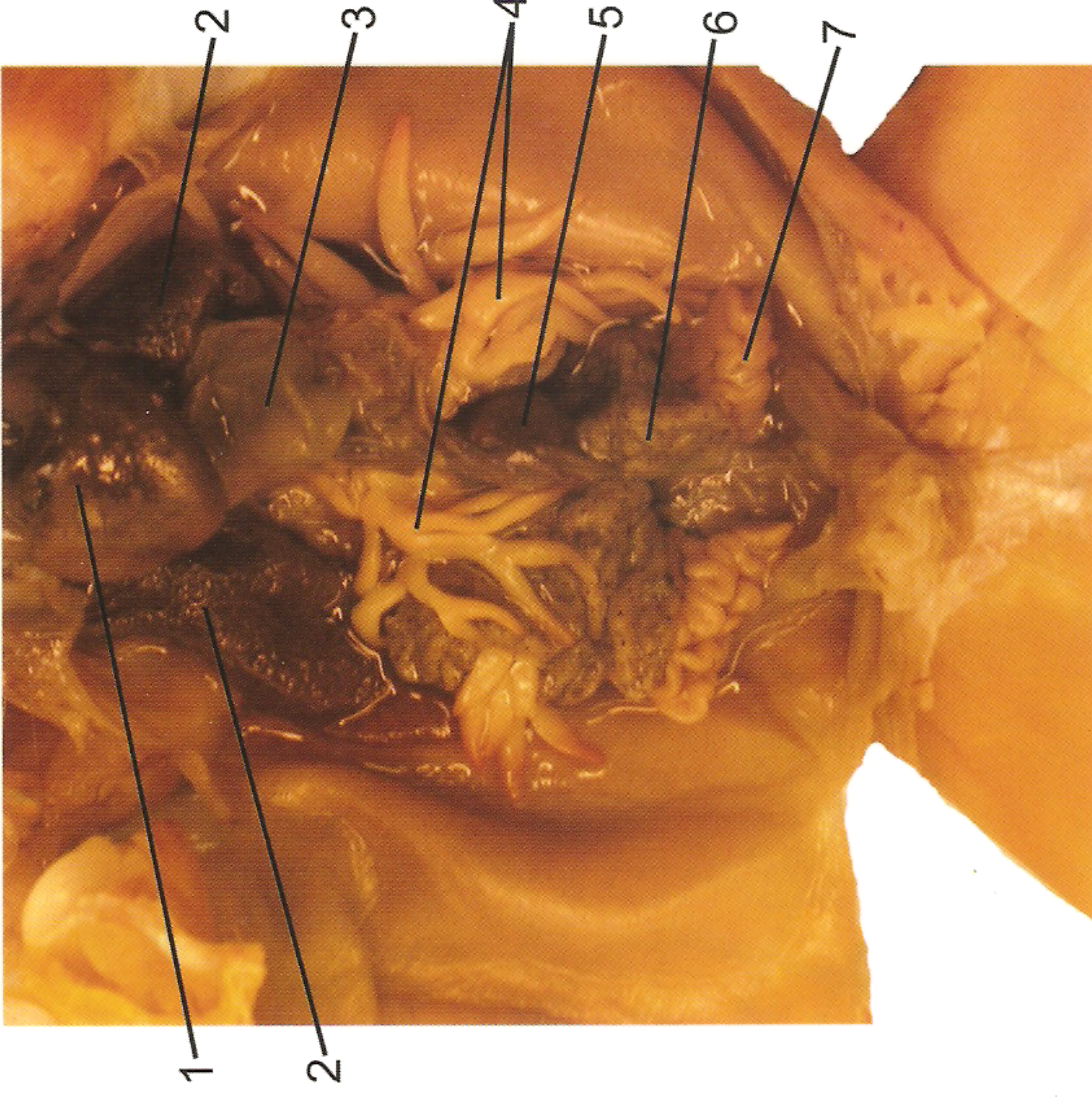
Male:



- 1-liver; 2-stomach; 3-testis; 4-fat bodies; 5-ureter;
- 6-kidney (with adrenal gland); 7-urinary bladder;
- 8-large intestine; 9-spleen; 10-small intestine;

Photographs by Lisa K Hyatt

Female:



- 1-heart; 2-lung; 3-gall bladder; 4-fat bodies;
 - 5-kidney; 6-ovary; 7-oviduct
- (Liver, stomach and intestine have been removed)