

Bio& 241 Unit 3, Lab 1

MUSCLES OF THE AXIAL SKELETON

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You must know ACTION, ORIGIN, and INSERTION of all muscles marked with “*”know ACTION of all others and be able to identify ALL muscles on models and charts. Refer to Muscle list provided.

MUSCLES OF THE HEAD AND NECK:

(Movements related to facial expression)

Epicranius (Occipitalis & Frontalis)
Zygomaticus major
Depressor labii inferioris
Mentalis
Risorius
Corrugator supercilii

Orbicularis oris
Levator labii superioris
Buccinator
Platysma
Orbicularis oculi
Levator palpebrae superioris

(Movement of the eyeball)

Superior rectus
Lateral rectus
Superior oblique

Inferior rectus
Medial rectus
Inferior oblique

(Movement of mandible, tongue and pharynx)

***Masseter**
Medial pterygoid
***Genioglossus**
***Stylohyoid**
***Digastric**

***Temporalis**
Lateral pterygoid
Styloglossus
Hyoglossus

(Movement of the head and neck)

***Sternocleidomastoid**

Splenius capitis

MUSCLES OF THE TRUNK:

(Muscles of breathing)

***Diaphragm**
***Internal intercostals**

***External intercostals**

(Muscles of the abdominal wall)

***Rectus abdominis**
***Internal oblique**

***External oblique**
***Transversus abdominis**

(Deep muscles of the back)

Quadratus lumborum

Erector spinae (Sacrospinalis) muscles:

1) **Spinalis (capitis, cervicis, thoracis)**

2) **Longissimus (capitis, cervicis, thoracis)**

3) **Iliocostalis (cervicis, thoracis, lumborum)**

(Muscles of the pelvic floor and perineum)

Levator ani

Coccygeus

External anal sphincter

Bulbospongiosus

Ischiocavernosus
