

PLATE X.

MUSCLES OF *Eudlyptes chrysocome*.

Fig. 1.—Palmar surface of wing of *Eudlyptes chrysocome*, dissected to show the muscles.

<i>Ab. D. S.</i>	Abductor digiti secundi.	<i>F. P. D.</i>	Flexor profundus digitorum.
<i>B. I.</i>	Brachialis internus.	<i>F. S. D.</i>	Flexor sublimis digitorum.
<i>F. D. M.</i>	Flexor digiti minimi.	<i>T 1.</i>	First head of triceps.
<i>F. M. B.</i>	Flexor metacarpi brevis.	<i>T 2.</i>	Second head of triceps.
<i>F. C. U.</i>	Flexor carpi ulnaris.	<i>T 4.</i>	Fourth head of triceps.

Fig. 2.—Dorsal surface of wing of *Eudlyptes chrysocome*, dissected to show the muscles.

<i>B. I.</i>	Brachialis internus.	<i>F. M. B.</i>	Flexor metacarpi brevis.
<i>E. M. R. B.</i>	Extensor metacarpi radialis brevis.	<i>T. P. L.</i>	Tensor patagii longus and Pectoralis major.
<i>E. M. R. L.</i>	Extensor metacarpi radialis longus.	<i>T 1.</i>	First head of triceps.
<i>E. C. D.</i>	Extensor communis digitorum.	<i>T 3.</i>	Third head of triceps.
<i>E. C. U.</i>	Extensor carpi ulnaris.	<i>T 4.</i>	Fourth head of triceps.
<i>E. I. P.</i>	Extensor indicis proprius.		

Fig. 3.—Muscles of shoulder of *Eudlyptes chrysocome*.

<i>B. C.</i>	Biventer cervicis.	<i>S. A. Min.</i>	Serratus anticus minor.
<i>Inf. Sp.</i>	Infra-spinatus.	<i>S. Sp.</i>	Supra-spinatus.
<i>P. Med.</i>	Pectoralis medius.	<i>T. z.</i>	Trapezius.
<i>R.</i>	Rhomboideus.	<i>T. 1 &amp; 2.</i>	First and second heads of triceps.
<i>S. A. Maj.</i>	Serratus anticus major.	<i>T. P. L.</i>	Tensor patagii longus.

Fig. 4.—Diagram to show the arrangement of the tendons of insertion of the latissimus dorsi in *Eudlyptes chrysocome*.

<i>F. P.</i>	Fibrous pulley, through which the tendons pass.	<i>L. D. a.</i>	Latissimus dorsi (portion a).
<i>H.</i>	Humerus.	<i>L. D. b.</i>	Latissimus dorsi (portion b).
		<i>S.</i>	Scapula.

Fig. 5.—Dissection showing the muscles of the outer side of the thigh of *Eudlyptes chrysocome*.

<i>Ad. Long.</i>	Adductor longus femoris.	<i>G. Min</i>	Gluteus minimus.
<i>Ad. Mag.</i>	Adductor magnus femoris.	<i>Ob. Ex.</i>	Obturator externus.
<i>B.</i>	Biceps.	<i>S. M.</i>	Semi-membranosus
<i>C. C.</i>	Cruro-coccygeus.	<i>S. T.</i>	Semi-tendinosus.
<i>E. C.</i>	Extensor cruris.	<i>U.</i>	Uropygium.
<i>G. Med.</i>	Gluteus medius.		

The dotted lines indicate the outline of the sartorius.

Fig. 6.—Muscles of the leg of *Eudlyptes chrysocome*. The figure shows the arrangement of the tendons in the sole of the foot.

<i>Ad. Mag.</i>	Adductor magnus.	<i>G. i.</i>	Inner head of the gastrocnemius.
<i>Ab. D. E.</i>	Abductor digiti externi.	<i>P. L.</i>	Peroneus longus.
<i>E. C.</i>	Extensor cruris.	<i>S.</i>	Sartorius.
<i>F. P.</i>	Flexor perforatus digitorum.	<i>S. M.</i>	Semi-membranosus.