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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Salvator merianae*** | | | | | | | | | | ***Didelphis virginiana*** | | | | | | | | | |
| **Structure** | **Mm (g)** | **Mmtu (g)** | **Lm (mm)** | **Lmtu mm** | **Lf (mm)** | **θ (°)** | **PCSA (mm2)** | **PCSA:Mm** | **Lf:PCSA** | **Structure** | **Mm (g)** | **Mmtu (g)** | **Lm (mm)** | **Lmtu mm** | **Lf (mm)** | **θ (°)** | **PCSA (mm2)** | **PCSA:Mm** | **Lf:PCSA** |
| **m. latissimus dorsi** | 2.73±0.07 | 2.73±0.07 | 93.51±10.94 | 96.23±11.63 | 60.12±6.70 | 0±0 | 43.45±6.14 | 15.89±1.84 | 1.42±0.34 | **m. latissimus dorsi** | 5.58±0.59 | 5.68±0.52 | 145.37±7.25 | 152.73±9.18 | 101.17±4.78 | 0±0 | 52.38±6.46 | 9.38±0.45 | 1.96±0.29 |
| **m. pectoralis** | 5.02±0.36 | 5.02±0.36 | 90.14±7.23 | 90.14±7.23 | 50.86±3.42 | 0±0 | 79.19±4.66 | 15.82±1.31 | 0.64±0.07 | **m. pectoralis** | 5.40±0.99 | 5.41±0.98 | 114.76±2.98 | 114.76±2.98 | 66.89±7.98 | 0±0 | 77.06±15.05 | 14.32±1.81 | 0.90±0.25 |
| **m. deltoideus acromialis** | 0.45±0.16 | 0.45±0.16 | 26.19±3.48 | 26.19±3.48 | 21.57±2.49 | 16.90±1.62 | 18.66±4.28 | 42.36±4.35 | 1.18±0.15 | **m. deltoideus acromialis** | 0.44±0.09 | 0.46±0.11 | 27.43±3.80 | 29.32±4.94 | 21.84±3.53 | 29.96±4.51 | 16.27±1.43 | 38.2±6.06 | 1.35±0.24 |
| **m. deltoideus clavicularis** | 1.17±0.07 | 1.17±0.07 | 46.33±3.31 | 46.33±3.31 | 35.67±1.69 | 0±0 | 31.28±3.08 | 26.59±1.29 | 1.15±0.16 | **m. deltoideus clavicularis** | 0.46±0.05 | 0.46±0.05 | 33.40±4.06 | 33.40±4.06 | 30.20±1.65 | 0±0 | 14.27±0.77 | 31.43±1.70 | 2.12±0.05 |
| **m. deltoideus scapularis** | 0.87±0.04 | 0.87±0.04 | 37.85±3.00 | 37.85±3.00 | 24.10±3.81 | 27.99±4.51 | 30.49±3.30 | 35.04±4.00 | 0.80±0.21 | **m. deltoideus scapularis** | 0.48±0.06 | 0.50±0.05 | 33.38±3.70 | 35.96±3.41 | 24.43±4.41 | 27.58±4.25 | 16.87±4.14 | 35.49±8.93 | 1.55±0.54 |
| **m. supracoracoideus** | 0.85±0.11 | 0.85±0.11 | 37.51±1.66 | 37.51±1.66 | 21.05±1.43 | 22.41±1.32 | 35.50±5.13 | 41.72±2.81 | 0.60±0.11 | **m. supraspinatus** | 1.41±0.24 | 1.50±0.25 | 39.18±1.50 | 41.08±1.02 | 14.01±1.28 | 37.86±3.75 | 75.15±10.74 | 53.75±7.32 | 0.19±0.03 |
| **m. infraspinatus** | 0.91±0.13 | 1.04±0.19 | 38.25±2.99 | 40.41±3.37 | 12.64±0.78 | 37.03±1.44 | 54.25±6.23 | 59.94±3.21 | 0.23±0.02 |
| **m. scapulohumeralis anterior≈m. teres minor** | 0.10±0.02 | 0.10±0.01 | 19.75±1.84 | 20.80±2.67 | 18.44±2.02 | 0±0 | 4.94±1.04 | 51.82±5.85 | 3.93±1.23 | **m. teres minor = m. scapulohumeralis anterior** | 0.06±NA | 0.06±NA | 13.24±NA | 13.24±NA | 7.76±NA | 0±NA | 7.32±NA | 121.96±NA | 1.06±NA |
| **m. subscapularis** | 0.93±0.19 | 0.93±0.19 | 29.06±3.68 | 29.06±3.68 | 19.36±2.18 | 35.63±3.04 | 36.80±4.84 | 39.93±3.01 | 0.53±0.03 | **m. subscapularis** | 1.45±0.18 | 1.56±0.17 | 38.46±5.53 | 38.46±5.53 | 25.12±3.42 | 35.22±3.88 | 44.7±1.01 | 31.10±3.81 | 0.56±0.08 |
| **m. subcoracoideus** | 0.70±0.12 | 0.7±0.12 | 29.79±2.19 | 29.79±2.19 | 23.04±2.29 | 24.74±2.91 | 26.13±3.67 | 37.55±3.54 | 0.90±0.17 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | **m. teres major** | 0.85±0.18 | 0.88±0.18 | 46.33±3.39 | 46.33±3.39 | 29.12±3.88 | 29.79±1.05 | 23.99±4.58 | 28.60±3.80 | 1.25±0.32 |
| **m. coracobrachialis brevis** | 0.31±0.04 | 0.31±0.04 | 19.86±2.69 | 19.86±2.69 | 16.49±1.24 | 0±0 | 17.98±1.86 | 57.64±4.13 | 0.92±0.11 | **m. coracobrachialis brevis** | 0.06±0.02 | 0.07±0.01 | 11.09±0.40 | 16.58±1.41 | 7.26±0.97 | 0±0 | 8.69±2.84 | 132.22±17.86 | 0.93±0.39 |
| **m. coracobrachialis longus** | 0.40±0.01 | 0.4±0.01 | 40.17±2.70 | 44.11±3.22 | 26.70±1.90 | 17.75±2.78 | 13.71±1.10 | 33.88±2.60 | 1.97±0.29 |  |  |  |  |  |  |  |  |  |  |
| **m. biceps brachii** | 0.77±0.03 | 0.81±0.04 | 31.21±2.51 | 46.11±3.30 | 16.81±2.17 | 21.61±4.47 | 40.64±6.93 | 53.11±8.99 | 0.43±0.12 | **m. biceps brachii** | 0.99±0.14 | 1.14±0.13 | 39.48±2.76 | 50.89±2.78 | 18.76±1.82 | 24.93±1.67 | 45±3 | 46.07±4.43 | 0.42±0.03 |
| **m. triceps scapularis** | 1.36±0.11 | 1.4±0.09 | 35.41±3.69 | 39.82±4.74 | 22.67±2.07 | 31.83±3.03 | 48.70±8.09 | 35.74±4.21 | 0.48±0.13 | **m. triceps scapularis** | 2.48±0.11 | 2.73±0.11 | 40.54±2.56 | 45.22±2.94 | 26.27±3.30 | 34.24±4.10 | 74.31±7.63 | 30.02±3.12 | 0.36±0.08 |
| **m. triceps humeralis = medialis + lateralis** | 1.68±0.11 | 1.7±0.11 | 30.94±4.54 | 35.48±5.29 | 21.46±3.37 | 28.00±1.94 | 67.41±16.10 | 39.75±6.92 | 0.34±0.13 | **m. triceps humeralis = medialis + lateralis** | 2.45±0.25 | 2.54±0.26 | 37.68±3.19 | 42.36±4.06 | 28.10±1.86 | 26.59±2.57 | 74.05±10.38 | 30.22±2.27 | 0.39±0.09 |
| **m. brachialis** | 0.28±0.05 | 0.28±0.05 | 30.11±4.22 | 30.11±4.22 | 12.30±2.68 | 30.12±2.04 | 19.13±3.47 | 68.81±13.86 | 0.67±0.20 | **m. brachialis** | 0.50±0.03 | 0.54±0.03 | 38.05±3.50 | 38.05±3.50 | 12.58±1.64 | 32.57±0.39 | 32.23±5.85 | 63.94±8.07 | 0.40±0.12 |