<table>
<thead>
<tr>
<th>Artery</th>
<th>Origin</th>
<th>Course</th>
<th>Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Carotid</td>
<td>Common Carotid</td>
<td>Begins at occipital artery; courses throughout deep and superficial structures of the head.</td>
<td>Superficial structures of the face; lingual and pharyngeal structures of the deeper cranium</td>
</tr>
<tr>
<td>Descending Pharyngeal</td>
<td>External Carotid</td>
<td>Branches from ECA near caudal border of mandible; courses ventrally to oropharynx.</td>
<td>Oropharynx</td>
</tr>
<tr>
<td>Occipital</td>
<td>External Carotid</td>
<td>From superior surface of ECA, gives off condylar a. shortly after departing ECA; as it ascends, scour deep surface of the jugular process and posterior surface of temporal crest/mastoid bone. Terminates in by bifurcating into 1) smaller branches that perfuse the occipital region (Nuchal muscles and ligament); 2) caudal meningeal (enters cranium via mastoid foramen)</td>
<td>Occipital region; terminates in occipital parenchyma and intracranially as caudal meningeal</td>
</tr>
<tr>
<td>Common Auricular</td>
<td>External Carotid</td>
<td>Branches from superolateral aspect of ECA just behind the tympanohyal; ascends between jugular process and posterior surface of tympanic bulla; scores surface of mastoid posterior to tympanic bulla/external acoustic meatus (EAM). Ventral to the EAM, splits into posterolateral zygomatic branch (also ramifies temporomandibular joint); stylomastoid artery branches from medial surface of parent vessel at level of stylomastoid foramen; at level of the crista supramastoidea, splits into rostral and caudal auricular arteries</td>
<td>Posterior scalp/superior occipital region; rostral auricular branch also supplies posterior temporalis m.</td>
</tr>
<tr>
<td>Condylar</td>
<td>Occipital</td>
<td>Medial branch off occipital; enters cranium at condylar foramen</td>
<td>n/a; incompletely perfused</td>
</tr>
<tr>
<td>Caudal Meningeal</td>
<td>Occipital</td>
<td>After entering the cranium through the enlarged mastoid foramen, the caudal meningeal divides into a meningeal branch and a petrous portion of the temporal canal branch</td>
<td>Caudal meninges; petrosal branch ramifies middle ear (stylomastoid artery)</td>
</tr>
<tr>
<td>Artery Name</td>
<td>Source Artery</td>
<td>Description</td>
<td>Target Area</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>---------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Caudal/Common Auricular</td>
<td>Common Auricular</td>
<td>From common auricular trunk, caudal auricular follows nuchal crest and posterior surface of auricular cartilage.</td>
<td>Posterior surface of ear; superior occipital region</td>
</tr>
<tr>
<td>Stylomastoid</td>
<td>Common Auricular</td>
<td>Branches from medial surface of auricular; enters stylomastoid foramen; courses through facial canal</td>
<td>Middle ear</td>
</tr>
<tr>
<td>Transverse Facial</td>
<td>Common Auricular</td>
<td>Branches from inf. aspect of common auricular artery, courses obliquely to curve around the posterior border of the mandible just ventral to the angular process; Gives off small branches to digastric and masseter muscles; hooks around mandible and courses anteriorly along the mandibular corpus; throughout anterior course supplies lateral muscles of mastication</td>
<td>Supplies digastric m.; masseter and buccinator; deep branches to buccinator; terminates by splitting into superior and inferior labial arteries</td>
</tr>
<tr>
<td>Mandibular Labial</td>
<td>Transverse Facial</td>
<td>Transverse facial bifurcates at mandibular angle into maxillary and mandibular labial</td>
<td>Caudal portion of upper lip; rostral portion supplied by infraorbital artery</td>
</tr>
<tr>
<td>Maxillary Labial</td>
<td>Transverse Facial</td>
<td>Transverse facial bifurcates at mandibular angle into maxillary and mandibular labial</td>
<td>Lower lip</td>
</tr>
<tr>
<td>Lingual</td>
<td>External Carotid</td>
<td>Third and anteriormost major branch of the ECA; departs caudal to the greater horn of the hyoid; courses anteriorly through parenchyma of tongue</td>
<td>Parenchyma of tongue, lingual glands</td>
</tr>
<tr>
<td>Sublingual</td>
<td>Deep Lingual</td>
<td>Departs deep lingual laterally, shortly after the bifurcation of the parent artery from the lingual; follows interal border of mandible to sublingual gland target</td>
<td>Sublingual gland</td>
</tr>
<tr>
<td>Deep Lingual</td>
<td>Lingual</td>
<td>Terminal bifurcation of lingual artery; follows division of intrinsic tongue musculature and mylohyoid (extralingual) musculature</td>
<td>Floor of oral cavity, inferior to tongue</td>
</tr>
</tbody>
</table>