CONSONANTS (other than on the IPA Chart)

<table>
<thead>
<tr>
<th>Plosive</th>
<th>bilabial</th>
<th>labiodental</th>
<th>dentolabial</th>
<th>labioalv.</th>
<th>linguolabial</th>
<th>interdental</th>
<th>bidental</th>
<th>alveolar</th>
<th>palatal</th>
<th>velar</th>
<th>velophar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nasal</td>
<td>m</td>
<td>m</td>
<td>n</td>
<td>ń</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trill</td>
<td>r</td>
<td>f</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fricative median</td>
<td>f v</td>
<td>f v</td>
<td>θ ą</td>
<td>ą ą</td>
<td>ą ą</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fricative lateral</td>
<td>ą ą</td>
<td>ą ą</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fricative lateral+ median</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fricative nasal</td>
<td>ł ł</td>
<td>ł ł</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percussive</td>
<td>w w</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approx. lateral</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

DIACRITICS

- labial spreading ʂ
- denasal m̥
- main gesture offset left ʂ
- strong articulation f
- nasal escape ڤ
- main gesture offset right ʂ
- weak articulation v
- velopharyngeal friction ș, ș
- whistled articulation s̊
- reiteration p\p\p
- ingressive airflow p\p\p
- sliding articulation θś

CONNECTED SPEECH & UNCERTAINTY ETC

( , ) ( . . . ) ( . . . . ) short, medium, long pause
f, ff loud(er) speech [{f, loud}] p, pp quiet(er) speech [{p, kwaït}]
allegro fast speech [{allegro, fast}] lento slow speech [{lento, slow}]
crescendo, ralentando, etc. may also be used
○, ☉, ○ indeterminate sound, consonant, vowel
□, □ indeterminate fricative, probably [p], etc
( ) silent articulation (ʃ), (m)
(( )) extraneous noise, e.g. ((2 sylls))

VOICING

- pre-voicing z
- post-voicing z
- partial devoicing z
- initial partial devoicing z
- final partial devoicing z
- partial voicing $z
- initial partial voicing $z
- final partial voicing $z
- unaspirated p^z
- pre-aspiration h^p

OTHER SOUNDS

ą apical-r
ię bunched-r (molar-r)
ș, ẓ laminar fricatives (inc. lowered tongue tip)
ł voiceless retroflex lateral fricative

© ICPLA 2015