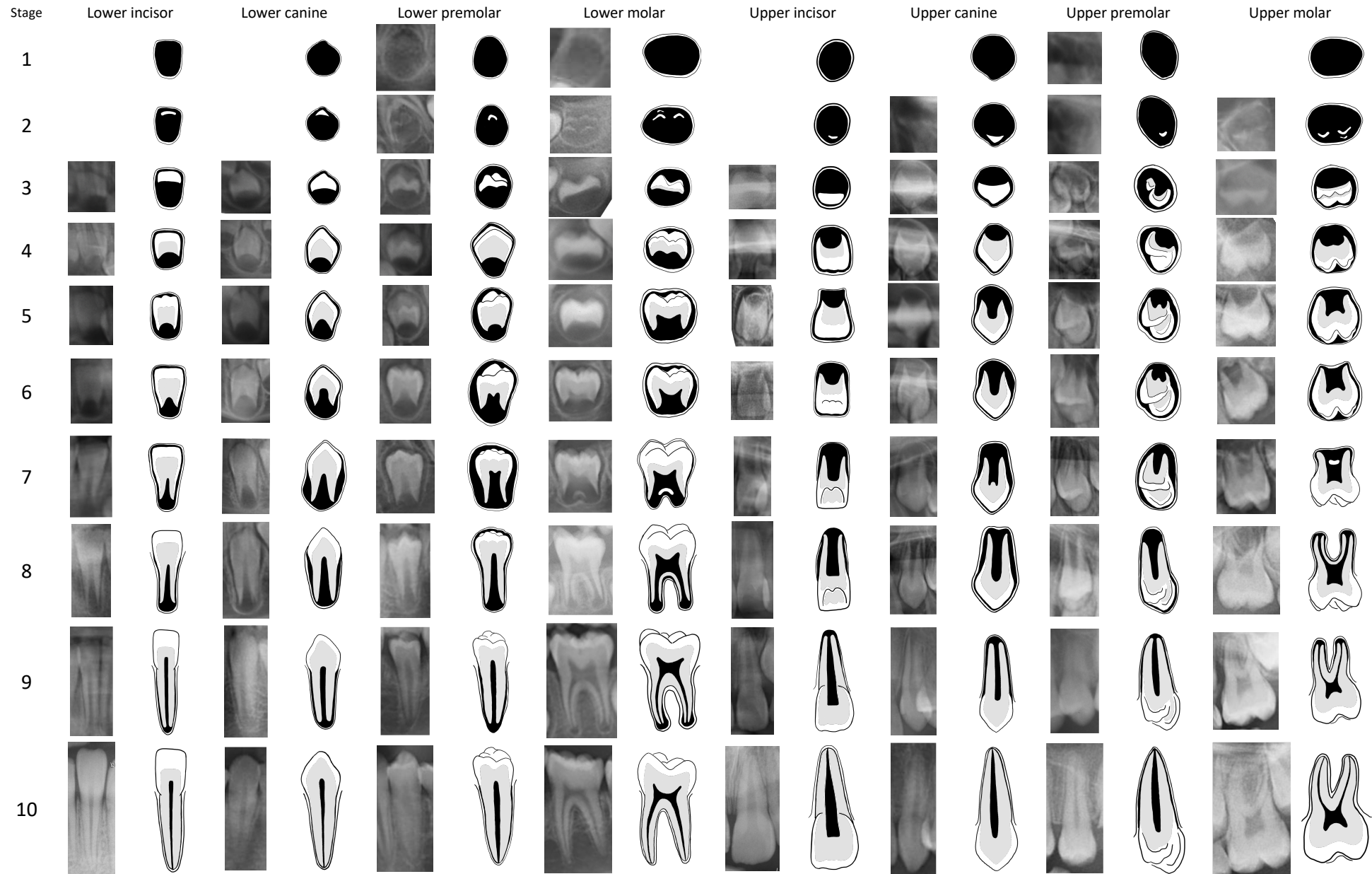


Drawings and radiographs for Nolla's stages



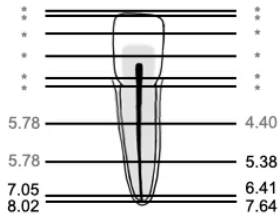
Descriptions for Nolla's stages

Stage	Abbrev.	Descriptions
0		Absence of crypt
1	Crypt	Presence of crypt
2	Cr _i	Initial calcification of incisal / cusps tip
3	Cr _{1/3}	<ul style="list-style-type: none"> • 1/3 crown complete • Flat dentine base • No pulp horn
4	Cr _{2/3}	<ul style="list-style-type: none"> • 2/3 of crown complete • Gentle curved dentine base with converging ends • Enamel and dentine can be differentiated
5	Cr _a	<ul style="list-style-type: none"> • Crown outline almost complete • Curve of the dentine base is more pronounced approximately (umbrella shape) • Enamel-dentine junction more pronounced
6	Cr _c	<ul style="list-style-type: none"> • Crown outline complete with cervical constriction • Well-defined enamel-dentine junction • Defined pulp roof with root initiation
7	R _{1/3}	<ul style="list-style-type: none"> • 1/3 root formation with root length less than crown height • Root dentine from cemento-enamel junction noted • Molar : visible bifurcation area
8	R _{2/3}	<ul style="list-style-type: none"> • 2/3 root complete, root length equal or greater than crown height • Wide root canal with thin dentine walls • Root ends diverge
9	R _c	<ul style="list-style-type: none"> • Root length almost complete with parallel ends • Open apex with radiolucency and wide periodontal ligament space
10	A _c	<ul style="list-style-type: none"> • Apical end of root complete (closed apex) with uniform periodontal ligament space width

Mean age of attainment for mandibular and maxillary teeth

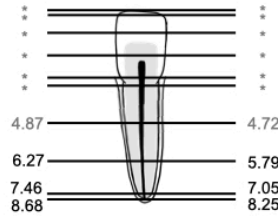
m Mandibular f

Central Incisor



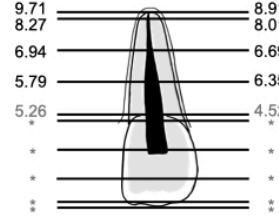
m Mandibular f

Lateral Incisor



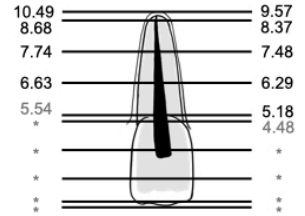
m Maxillary f

Central Incisor

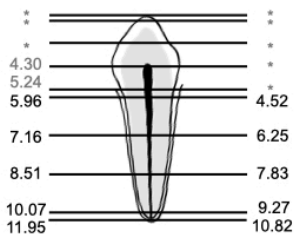


m Maxillary f

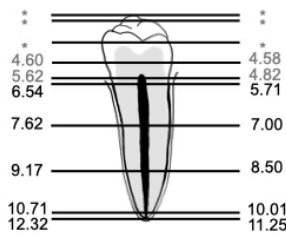
Lateral Incisor



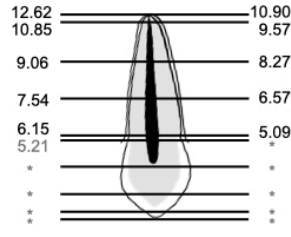
Canine



First Premolar



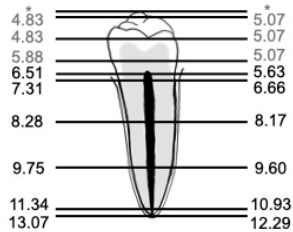
Canine



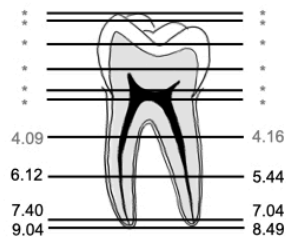
First Premolar



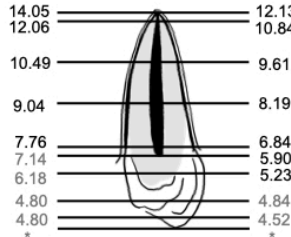
Second Premolar



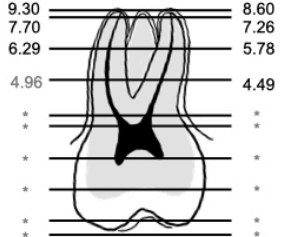
First Molar



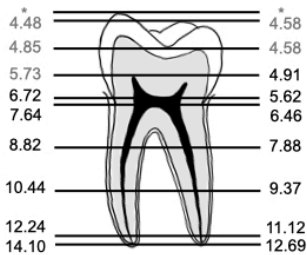
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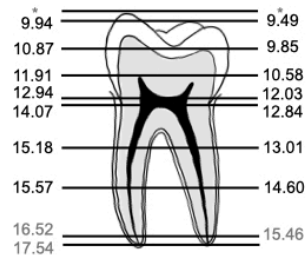
First Molar



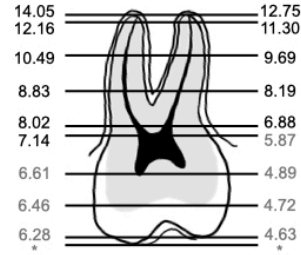
Second Molar



Third Molar



Second Molar



Third Molar

