

## The morphology of Yurok numerals

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Yurok, an endangered Algic language of Northwestern California, has, arguably, the most morphologically complex numeral system of any Algic language, involving numeral stem allomorphy, simple vs. complex numeral structure dependent on both number stem and noun class, and a system of approximately twenty distinct suffixal classifiers. In this paper, I build on earlier work of Kroeber (1911), Kroeber (1925) and Robins (1958) in describing the morphology of Yurok numerals. In simple numerals (1), the number stem takes a classifier suffix, with this optionally modifying a following noun. In complex numerals (2), the basic number word is followed by a plural stem which takes the classifier suffix.

	(1) Simple numerals		(2) Complex numerals	
<u>Noun class</u>				
human	koʔr wencok <sup>w</sup> s	'1 woman'	meruh co:ʔmeʔ wencok <sup>w</sup> s	'5 women'
animal	k.ɪhtɪʔɪʔy pu:k	'1 deer'	meruh t.ɪmɪw.ɪʔɪʔy pu:k	'5 deer'
small, round	kohtoh haʔa:g	'1 rock'	meruh tomowoh haʔa:g	'5 rocks'
ropelike	kohtek' pekcic	'1 rope'	meruh tomak <sup>w</sup> pekcic	'5 ropes'
sticklike, tree	kohte'r kowis	'1 stick'	meruh tomu'r kowis	'5 sticks'
plant (bushy)	kohtek <sup>w</sup> oʔn reʔgoʔ	'1 maidenhair fern'	meruh tomak <sup>w</sup> oʔn reʔgoʔ	'5 maidenhair ferns'
boat	kohtey 'yoc	'1 boat'	meruh tomowey 'yoc	'5 boats'
house	kohteʔli ʔoʔleʔ	'1 house'	meruh tomoweʔli ʔoʔleʔ	'5 houses'

Simple numerals are found for number stems 1-4, while complex numerals are used for number stems 5-9. For the number 10, simple versus complex structure depends on noun class. The morphology of numerals suggests that Yurok is quinary, like many Algonquian languages, not decimal, as suggested by Silver and Miller (1997:308).

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