

(15 points)

(J) Hypo-Hmong-driac (1/2)

The meanings of words may be related in various ways. One of these relations is called *hyponymy*. A word is a *hyponym* of another word if the things or events to which the first word can refer are a subset of the things or events to which the second word can refer. Thus, *spaniel* is a hyponym of *dog* (every spaniel is a dog), *crimson* is a hyponym of *red* (anything that is crimson is red), and *devour* is a hyponym of *eat* (since you cannot devour something without eating it).

Below, you are given a number of words in Mong Leng, also known as Green Hmong (a language of Southern China, Laos, Thailand, and Vietnam) that are related by hyponymy. The subset symbol \subset is used here to mean “are hyponyms of.” $A, B \subset C$ would mean that both A and B are hyponyms of C. Some of the items are simple words, consisting of a single root; others are compound words, made by combining two or more roots. You are also provided with a list of English translations of these words (on the next page). Write the number for the Hmong word next to its English translation.

(1) sab,	(2) ntswg \subset	(3) sab-ntswg	
(4) dlej,	(5) cawv \subset	(6) dlej-cawv	
(7) nyaj,	(8) txaj \subset	(9) nyaj-txaj	
(10) dlev,	(11) npua \subset	(12) dlev-npua	
(13) qab,	(11) npua \subset	(14) qab-npua	
(15) nyuj-twm,	(14) qab-npua \subset	(16) qab-npua-nyuj-twm	
	(17) nqaj-nyuj \subset	(18) nqaj	
	(19) maum-npua \subset	(20) maum	
	(21) sab-twm \subset	(1) sab	
(22) lug-txaj,	(23) lug-dlev-npua \subset	(24) lug	
(25) poob-sab,	(26) poob-nyaj,	(27) poob-dlej \subset	(28) poob
(29) mob-sab,	(30) mob-hlwb,	(31) mob-ntswg \subset	(32) mob

Note that some Hmong words occur more than once but are always assigned the same number.



(J) Hypo-Hmong-driac (2/2)

- ___ be lost
- ___ beef
- ___ beverage
- ___ bovine* livestock
- ___ chicken (the animal)
- ___ dog (the animal)
- ___ filthy animals; filth
- ___ filthy language
- ___ flesh; meat
- ___ hurt
- ___ internal organs; soul
- ___ language
- ___ liver (the organ)
- ___ livestock
- ___ lose heart ("liver"); lose one's wits; panic
- ___ lose life to water; drown
- ___ lose money ("silver")
- ___ lungs
- ___ money
- ___ small, non-bovine livestock
- ___ pig (the animal)
- ___ poetic genre ("money-language")
- ___ silver
- ___ suffer from a headache ("brain-ache")
- ___ suffer from grief ("liver-ache")
- ___ suffer from lung disease ("lung-ache")
- ___ water
- ___ water-buffalo liver
- ___ wealth
- ___ whisky
- ___ young female
- ___ young sow**

* Bovines are a group of large hooved mammals including cattle, water buffalo, bison, and yaks.

**A sow is a female pig.

