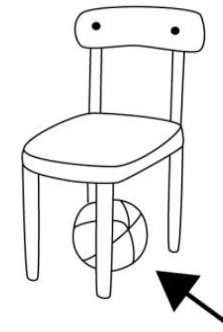


(TRPS 13)

1. *Lub teeb nyob sab saum lub rooj*  
 CL lamp be.at side above.on.top CL table  
 'The lamp is above the table.' (XFC)

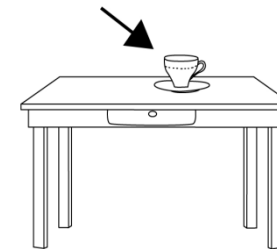
2. *Lub teeb dai saum rooj sab sauv*  
 CL lamp hang above table side above.on.top  
 'The lamp is hanging above the table.' (Z, VD, TL)

3. *Lub teeb nyob saum lub rooj*  
 CL lamp be above.on.top CL table  
 'The lamp is above the table.' (VML)



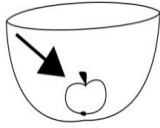
(TRPS 16)

4. *Lub pob nyob hauv qab lub rooj zaum*  
 CL ball be.at inside behind.under CL chair  
 'The ball is beneath (contained within) the chair.' (all)



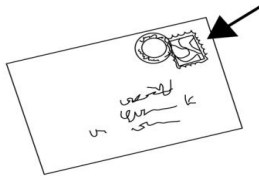
(TRPS 1)

5. *Lub khob nyob saum rooj*  
 CL cup be.at above.on.top table  
 'The cup is on the table.' (all)



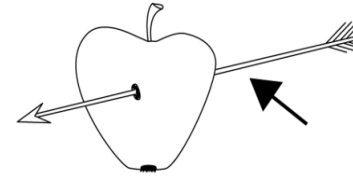
(TRPS 2)

6. *Lub ev paum nyob hauv lub tais*  
 CL apple be inside CL bowl  
 'The apple is in the bowl.' (all)



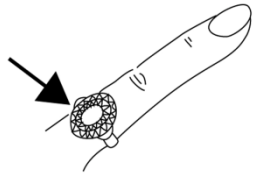
(TRPS 3)

7. *Daim stamp nyob ntawm lub kaum*  
 CL stamp be.at there CL corner  
 'The stamp is on the corner.' (VD, TL, VML)
8. *Daim stamp nyob saum tsab ntawv*  
 CL stamp be.at above.on.top CL paper  
 'The stamp is glued to the paper.' (Z)
9. *Daim stamp lo ntawm daim ntawv*  
 CL stamp to.glue there CL paper  
 'The stamp is glued to the paper.' (XFC)



(TRPS 30)

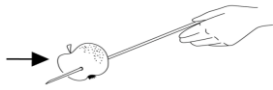
10. *Tus xib xub nyob ntawm lub txiv*  
 CL arrow be.at there CL fruit  
 'The arrow is in the apple.' (VML)
11. *Tus xib xub nyob hauv lub txiv*  
 CL arrow be.at inside CL fruit  
 'The arrow is inside the apple.' (Z)
12. *Tus xib xub chob lub txiv ev paum*  
 CL arrow pierce CL fruit apple  
 'The arrow is piercing the apple.' (VD, TL)
13. *Tus xib xub nkaug lub txiv ev paum*  
 CL arrow poke.through CL fruit apple  
 'The arrow is poking through the apple.' (XFC)



(TRPS 10)

14. *Lub nplhaib nyob saum tus ntiv tes*  
 CL ring be above.on.top CL digit hand  
 'The ring is on the finger.' (Z)

15. *Lub nplhaib nyob ntawm tus ntiv tes*  
 CL ring be there CL digit hand  
 'The ring is on the finger.' (all but Z)



(TRPS 70)

16. *Lub txiv nyob ntawm tus pas*  
 CL fruit apple there CL stick  
 The apple is on the stick. (Z)

17. *txiv ev paum chob tus pas*  
 fruit apple to.hook CL stick  
 The apple is hooked onto the stick. (VML, TS)

18. *Lub txiv ev paum chob ntawm tus pas*  
 CL fruit apple to.hook there CL stick  
 The apple is hooked onto the stick. (XFC, VD)

### Implicational Hierarchy from Levinson and Wilkins (2006)

- *Core scenes*
  - Cup on table (1)
  - fruit in bowl (2)
  - lamp over table (13)
  - ball under chair (16)
- *Adhesion*
  - Stamp (3)
- *Ground-pierced*
  - Arrow in apple (30)
- *Figure-pierced*
  - Apple on skewer (70)
- *Animate-ground*
  - Ring on finger (10)



### Hmong Basic Locative Construction (BLC) Kline:

1. *nyob* + deictic/adposition
  2. non-*nyob* verb + deictic/adposition
  3. non-*nyob* verb (alone)
  4. other constructions (i.e. #2)
-

Other examples in Hmong:

*Ib sab* and *sab saum* used as locative construction without any type of verb (19-20):

19. kab        ib        sab        tsev  
bug        one        side        house  
'The bug is on the house (wall).'

20. tus neeg    sab        saum        lub tsev  
CL person beside above.on.top CL house  
'The person is on top of the house.'

Kilivila: using an action verb in a locative construction (23)

23. *Ekausi keyala esuvisi miyana bovada ebasisi*  
*e-kau-si        keyala        e-suvi-si        mi-ya-na        bovada        e-basi-si*  
3.-take-PL    spear        3.-enter-PL    DEM-CP.-flexible-DEM    pumpkin    3.-stab-PL  
'They take a spear, they enter this pumpkin (with it) they spear (it)' Kilivila (Senft 2006: 216)

References:

Bowerman, Melissa & Eric Pederson. 1992. Topological relations picture series. In Stephen C. Levinson (ed.), *Space stimuli kit 1.2*: November 1992, 51. Nijmegen: Max Planck Institute for Psycholinguistics.

Levinson, Stephen C. & Wilkins David P. (ed.) (2006) *Grammars of space: Explorations in cognitive diversity*, Cambridge, Cambridge University Press.

Senft, G. (2006). Prolegomena to Kilivila grammar of space. In S. C. Levinson, & D. P. Wilkins (Eds.), *Grammars of space: Explorations in cognitive diversity* (pp. 206-229). Cambridge: Cambridge University Press.

*Ncig* possibly being used as adposition (21) and verb (22):

21. tus laj kab nyob ncig lub tsev  
CL fence be.at surround CL house  
'The fence is around the house.'

22. Tsa        ncig        tsev  
fence        surround        house  
'The fence surrounds the house.'