Incorporation

Languages of the World
Unincorporated Object

   Pat PAST-3MS/3N-lost-CAUS-ASP the PRE-money-SUF
   ‘Pat lost the money.’

b. *(pro) Waʔ-ha-hninuʔ* neʔ o-yvʔkw-aʔ.
   PAST-3MS/3N-buy-ASP the PRE-tobacco-SUF
   ‘He bought the tobacco.’

c. *(pro)* t-a-shaka-uʔ *(pro)* kaʔ-ahsæːːʔ
   CS-PAST-3MS/3F-give-ASP PRE-basket-SUF
   ‘He gave her a basket.’

Language: Onondaga (Iroquoian)
Incorporated Object

(1) a. *Pet wa?-ha-hwistiahtu-?t-a?.*
    Pat past-3MS-money-lost-CAUS-ASP
    ‘Pat lost money.’

b. *(pro) Wa?-ha-yv?kw-ahni:nu-?.*
    past-3MS/3N-tobacco-buy-ASP
    ‘He bought tobacco.’

c. *(pro) T-a-shako-?ahs-v:-?.*
    CS-PAST-3MS/3F-basket-give-ASP
    ‘He handed a basket to her.’

Language: Onondaga (Iroquoian)
(Un)incorporated Object

(4) Seuan-ide ti-mū-ban.
man-suf 1sS/AO-see-PAST
‘I saw the/a man.’

(5) Ti-seuan-mū-ban.
1sS/AO-man-see-PAST
‘I saw the/a man.’

Language: Southern Tiwa (Kiowa-Tanoan)
English and Incorporation

• Does English have incorporation?

(6) a. Pat is a hopeless money-loser.
   b. Tobacco-buying is illegal in civilized cultures.
   c. Basket-givers should get breaks on their income taxes.
   d. Martha went man-watching.
(Un)incorporated Object

(12) 
S
   /\  
NP  VP
   /\  /
Pat V NP
 |   /  
htu-ʔt N hwist
      'lose'    'money'

(13) 
S
   /\  
NP  VP
   /\  /
Pat V NP
   /\  /
N V N
   /\  /
money_i-lose t_i
• determiner stranding

(47) a. *Ka-nuhs-rakv thikv.*
   3N-house-white that
   ‘That house is white.’
   (Mohawk; Postal (1962, 395))

b. *Nękę o-nqhs-akayqh.*
   this 3N-house-old
   ‘This house is old.’
   (Onondaga; Chafe (1970, 32))

c. *Yede a-seuan-mū-ban.*
   that 2SS:A-man-see-PAST
   ‘You saw that man.’
   (Southern Tiwa (AFG, 295))

(48) a. *Ka-huʔsyi [thikv ka-hyatuhrs-aʔ].*
   3N-black that PRE-book-SUF
   ‘That book is black.’
   (Mohawk)

b. *[Yede seuan-ide] a-mū-ban.*
   that man-SUF 2SS-see-PAST
   ‘You saw that man.’
   (Southern Tiwa)
relative clause / modifier stranding

(49) a. *Ka-nuhs-rakv* [nehneh a-ak-ahninu?].
   3N-house-white that INDEF-3F-buy
   'The house that she would buy is white.'
   (Mohawk; Postal (1962, 395))

   b. *wa'á-k-hwist-acheni?* [Harry ha-hwist-ahtq'tihna?].
   AOR-1SS-money-find Harry 3M-money-lost/PAST
   'I found the money that Harry lost.'
   (Onondaga; Chafe (1970))

c. *Te-pan-tuwi-ban* [ku-kha-ba-'i].
   1SS:C-bread-buy-PAST 2SS:C-bake-PAST-SUBORD
   'I bought the bread you baked.'
   (Southern Tiwa; AGF, 297)

d. *Kusanartu-mik sapangar-si-voq*.
   beautiful-INSTR bead-get-INDIC/3sS
   'He bought a beautiful bead.'
   (Greenlandic Eskimo; Sadock (1980))

(50) a. *Ka-hu?syi* [ne ka-hyatuhsr-a? nehneh k-nuhwe?s].
   3N-black PRE-book-SUF that 1SS-like
   'The book that I like is black.'
   (Mohawk; Postal (1962))

   b. *[Sapannga-mik kusanartu-mik] pi-si-voq*.
   bead-INSTR beautiful-INSTR Ø-get-INDIC/3sS
   'He bought a beautiful bead.'
   (Greenlandic Eskimo; Sadock (1980))
(51) a. *Ka-nuhs-rakv [ne wisk ni-ka-wa].*
   3N-house-white five PART-3N-PL
   'Five houses are white.' (Mohawk; Postal (1962))

   b. *Wisi bi-seuan-mū-ban.*
   two 1SS:B-man-see-PAST
   'I saw two men.' (Southern Tiwa; AGF, 295)

(52) a. *Ka-hu?syi [ne wisk ni-ka-wa ne ka-hyatuhsr-a?].*
   3N-black five PART-3N-PL PRE-book-SUF
   'Five books are black.' (Mohawk; Postal (1962))

   b. *[Wisi seuan-in] bi-mū-ban.*
   two man-PL 1SS-see-PAST
   'I saw two men.' (Southern Tiwa; AGF)
Incorporation and Stranding

(53) S
   /   
  NP   VP
    |    |
  I    V
     /  |
  saw QP   N'
   |    |
   two   N

(54) S
  /   
 NP   VP
  |    |
 I    V
     /  |
 man N' 
    |   |
   see N
    |   |
   two N
    |   |
    I
• possessor stranding

(55) a. *Hrao-nuhs-rakv ne sawatis*.
   3M-house-white John
   ‘John’s house is white.’
   (Mohawk; Postal (1962, 319))

b. *Kvtsyu n-kuwa-nya’t-o:’ase*.
   fish fut-3PS/3F-throat-slit
   ‘They will slit the fish’s throat.’
   (Mithun (1984))

(56) *Wa-hi-nuhs-ahni:nu: John.*
   AOR-1SS/3M-house-buy John
   ‘I bought John’s house.’
   (Oneida; M. Doxtator, from Michelson (personal communication))

(57) *Tuttu-p neqi-tor-punga.*
   reindeer-ERG meat-eat-INDIC/1SS
   ‘I ate reindeer’s meat.’
   (Greenlandic Eskimo; Sadock (1980))

(59) a. *Ka-rakv ne [sawatis hrao-nuhs-a’]*.
   3N-white John 3M-house-SUF
   ‘John’s house is white.’
   (Mohawk)

b. *Wa?-k-nuhs-ahni:nu: [John lao-nuhs-a’].*
   AOR-1SS-house-buy John 3M-house-SUF
   ‘I bought John’s house.’
   (Oneida)

c. *[Tuttu-p neqa-a-nik] neri-vunga.*
   reindeer-ERG meat-3S/POS-INSTR eat-INDIC/1SS
   ‘I ate reindeer’s meat.’
   (Greenlandic Eskimo)
Incorporation and Stranding

(58) a.  
\[ \text{S} \rightarrow \text{NP} \rightarrow \text{VP} \rightarrow \text{I} \rightarrow \text{V} \rightarrow \text{NP} \rightarrow \text{N'} \rightarrow \text{buy} \rightarrow \text{John} \rightarrow \text{N} \rightarrow \text{house} \]

b.  
\[ \text{S} \rightarrow \text{VP} \rightarrow \text{I} \rightarrow \text{V} \rightarrow \text{NP} \rightarrow \text{N'} \rightarrow \text{house}_i \rightarrow \text{buy} \rightarrow \text{John} \rightarrow \text{N} \rightarrow t_i \]
References

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