

%2003 JG7 Passive Similar to jpnsample08c

initial symbol: TS

TS -> TS TNS

TS -> S TNS

S -> S PLTSTL

S -> NOMP VI

S -> NOMP VP

S -> PP S

S -> ADV S

S -> LOCP S

S -> TOPP S

%TOPP = Topic PP or Topic ADV

S -> TOPP S\_GAP

%TOPP = NOUN + TOP; Topic Noun = GAP

VP -> ACCP VT

VP -> LOCP VP

VP -> PP VP

VP -> ADV VP

VP\_GAP -> LOCP VP\_GAP

VP\_GAP -> PP VP\_GAP

VP\_GAP -> ADV VP\_GAP

VP -> VP\_ACC/LOGGAP VTV\_INTRNSTVZ

% VTV\_INTRNSTVZ = e.g., PASS, Intransitivizing Transitive Verb with Verbal Complement

VP -> VP VTV

% VTV = e.g., 'suffer', Transitive Verb with Verbal Complement

VP -> VI VTV

% VTV = e.g., 'suffer', Transitive Verb with Verbal Complement

VP\_ACC/LOGGAP -> VT

% ACC/LOGGAP = OBJECT

VP\_ACC/LOGGAP -> ACCP VT

% ACC/LOGGAP = LOCATIVE OF OBJECT

VP\_ACC/LOGGAP -> ACCP\_GAP VT

% ACC/LOGGAP is identical to OBJECT for Double Objects with One Inalienable Object

VP\_ACC/LOGGAP -> LOCP VP\_ACC/LOGGAP

VP\_ACC/LOGGAP -> PP VP\_ACC/LOGGAP

VP\_ACC/LOGGAP -> ADV VP\_ACC/LOGGAP

VI -> LOCP VI

VI -> PP VI

VI -> ADV VI

VT -> LOCP VT

VT -> PP VT

VT -> ADV VT

S\_GAP -> VI

% GAP = Subject

S\_GAP -> VP

% GAP = Subject

S\_GAP -> NOMP\_GAP VI

% GAP in S is GAP in NOMP

S\_GAP -> NOMP\_GAP VP

% GAP in S is GAP in NOMP

S\_GAP -> NOMP VP\_GAP

% GAP in S is GAP in VP

VP\_GAP -> VT

%GAP = Object

VP\_GAP -> ACCP\_GAP VT

%GAP = possessor OBJECT for double objects

VP\_GAP -> VI VTV

% GAP = LOCP when the verb is VTV

VP\_GAP -> VP VTV

% GAP = LOCP when the verb is VTV

VP\_GAP -> VP\_GAP VTV

% GAP is in the verbal complement of the VTV

VP\_GAP -> VP\_ACC/LOGCAP VTV\_INTRNSTVZ

% GAP is LOCP when the verb is VTV\_INTRNSTVZ

VP\_GAP -> VP\_ACC/LOGCAP\_GAP VTV\_INTRNSTVZ

% GAP is in the intransitivized verbal complement

VP\_ACC/LOGCAP\_GAP -> VT

%GAP = Object if ACC/LOGCAP = Locative of Object or Locative of Object if ACC/LOC GAP = Object

VP\_ACC/LOGCAP\_GAP -> ACCP\_GAP VT

%GAP = Object [Possessor]

NOMP\_GAP -> N\_GAP NOM

% GAP in NOMP is GAP in Noun

ACCP\_GAP -> N\_GAP ACC

% GAP in ACCP is GAP in Noun

N\_GAP -> IN

% GAP = Possessor

NOMP -> N NOM

ACCP -> N ACC

LOCP -> N LOC

PP -> N P

TOPP -> N TOP

TOPP -> PP TOP

TOPP -> ADV TOP

VI -> hukure

VI -> nobi

VI -> bakuhatus

VI -> hatarak

VI -> ir

% is necessary

VI -> tutome

VI -> shuppatus

VI -> hair

VI -> kaer

% return home

VI -> k

% come

VI -> i

% exist temporarily

VI -> ar

% exist permanently

VTV\_INTRNSTVZ -> PASS

% PASSive is an example of Intransitivizing Transitive Verb with Verbal Complement

VTV -> SUFFER

% 'suffer' is an example of Transitive Verb with Verbal Complement

PASS -> rare

PASS -> are

PASS -> orare

SUFFER -> rare

SUFFER -> are

SUFFER -> orare

VT -> tabe

VT -> kir

% cut  
VT -> ki  
% wear  
VT -> ais  
VT -> sir  
VT -> benkyous  
VT -> hasir  
VT -> s  
VT -> tukur  
  
VT -> hum  
VT -> nagur  
  
VT -> atae  
VT -> ok  
VT -> turetek  
VT -> ire  
VT -> kae  
  
TNS -> u  
TNS -> ru  
TNS -> ita  
TNS -> ta  
  
PLTSTL -> imas  
PLTSTL -> mas  
  
NOM -> ga  
ACC -> wo  
LOC -> ni  
TOP -> wa  
  
P -> de  
P -> kara  
  
ADV -> asita  
  
N -> kodomo  
N -> otoko  
N -> okaasan  
N -> tomodati  
N -> ohagi  
N -> keeki  
N -> ga  
N -> naihu  
N -> huku  
N -> sore  
%Pronoun  
N -> heya  
%[location +]  
N -> oosaka  
%[location +]  
N -> asita  
  
IN -> kaminoke  
%[inalienable +]  
IN -> kuse  
IN -> kao  
IN -> ashi