

%2003 JG8 Relative Clause, and Appositive

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

N -> TS_GAP N

% The head noun fills the gap

N -> TS N

% The head noun is identical to the noun in a postpositional phrase

N -> TS SN

% The head noun like /nioi/ that takes a clause for its complement

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

TS_GAP -> S_GAP TNS

TS_GAP -> TS_GAP TNS

S_GAP -> VI

% GAP = Subject

S_GAP -> VP

% GAP = Subject

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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_INTRANSTVZ
% GAP is LOCP when the verb is VTV_INTRANSTVZ
VP_GAP -> VP_ACC/LOGCAP_GAP VTV_INTRANSTVZ
% 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 -> koge
% burn
VI -> tutome
VI -> hatarak
VI -> ir
% is necessary
VI -> hair
VI -> kaer
% return home
VI -> bakuhatus
VI -> shuppatus
VI -> s
% do; occur
VI -> k
% come
VI -> i
% exist temporarily
VI -> ar
% exist permanently

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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 -> sakana
 N -> sore
 %Pronoun
 N -> heya
 %[location +]
 N -> oosaka

%[location +]

N -> asita

N -> nioi

IN -> kaminoke

%[inalienable +]

IN -> kuse

IN -> kao

IN -> ashi

IN -> nioi

SRN -> nioi

%The noun describes an individual that requires an event