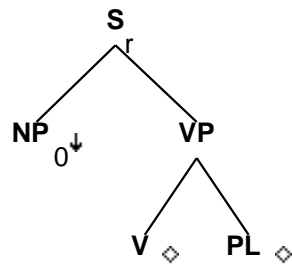# Family "Tnx0Vpl"

March 5, 2008

1 Tree "alphanx0Vpl"

1.1 graphe

1.2 comments

```
Intransitive verb particle. Simple declarative.

 The protesters gave up.
 Arnold fell over.
```

1.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>



S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_0:<wh> = S_r.b:<wh>
NP_0:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
```
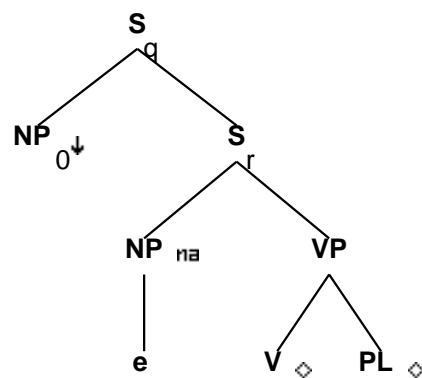
```
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<control> = NP_0.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
```

2 Tree "alphaW0nx0Vpl"

2.1 graphe

2.2 comments

```
Intransitive verb particle.
Wh-extraction on the subject.


 Who gave up?
 Which guy fell over?
```

2.3 features

```
S_q.b:<extracted> = +
S_r.t:<comp> = nil
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_q.b:<inv> = S_r.t:<inv>
S_q.b:<wh> = NP_0:<wh>
S_q.b:<comp> = nil
S_q.b:<mode> = S_r.t:<mode>
S_q.b:<wh> = NP_0:<wh>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<inv> = -
NP:<trace> = NP_0:<trace>
NP:<agr> = NP_0:<agr>
NP:<case> = NP_0:<case>
NP:<wh> = NP_0:<wh>
NP_0:<wh> = +
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP.t:<agr>
S_r.b:<assign-case> = NP.t:<case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.t:<conj> = nil
S_r.b:<assign-comp> = inf_nil/ind_nil/ecm
```
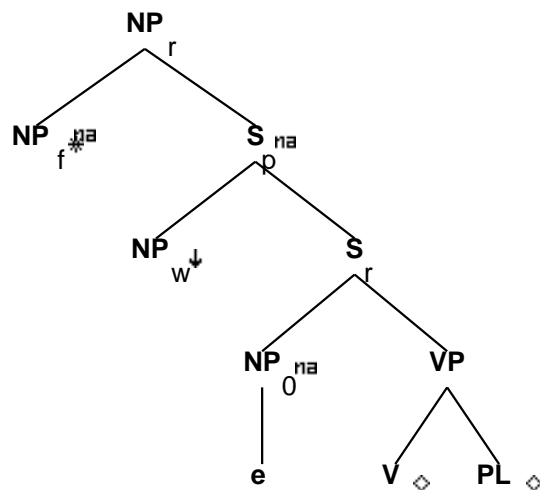
3 Tree "betaN0nx0Vpl"

3.1 graphe

3.2 comments

```
Intransitive verb particle.
Relative clause on the subject.

 [the protesters] who gave up
 [the guy] that fell over
```

3.3 features

```
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_r.t:<mode> = ind/inf
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.t:<inv> = -
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.b:<comp> = nil
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP_0.t:<agr>
S_r.b:<assign-case> = NP_0.t:<case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
```

```
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_0.b:<trace>
NP_w.t:<case> = NP_0.b:<case>
NP_w.t:<agr> = NP_0.b:<agr>
NP_w.t:<wh> = +
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```
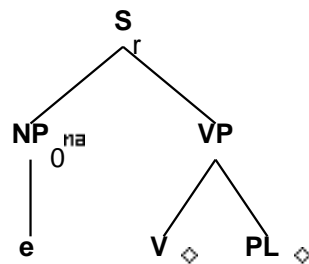
4 Tree "alphaInx0Vpl"

4.1 graphe

4.2 comments

```
Intransitive verb particle.
Imperative.

  Give up!
  Fall over!
```

4.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>



S_r.b:<comp> = nil
```

```
S_r.b:<tense> = VP.t:<tense>
VP.t:<tense> = pres
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_0:<wh> = S_r.b:<wh>
NP_0:<wh> = -
NP_0:<agr pers> = 2
NP_0:<agr 3rdsing> = -
NP_0:<agr num> = plur/sing
NP_0:<case> = nom
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<mode> = imp
VP.t:<neg> = -
VP.t:<mode> = base
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
```
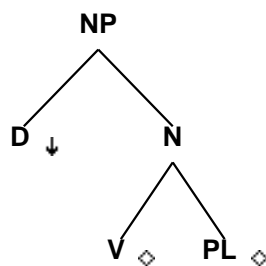
5 Tree "alphaDnx0Vpl"

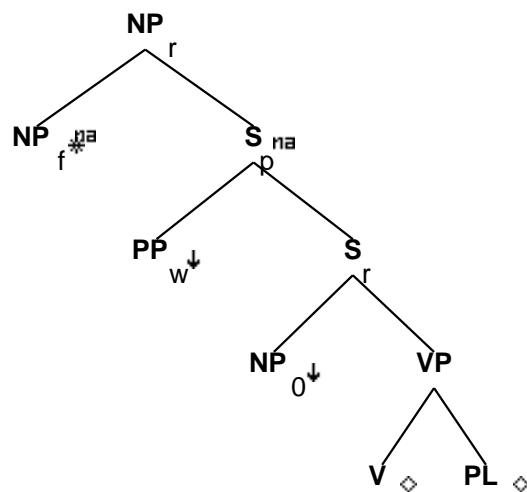## 5.1 graphe

5.2 comments

Intransitive verb particle - Determiner Gerund

```
  The giving up [showed they weren't serious]
  All of the falling over [was the result of clumsiness]
```

5.3 features

```
NP.b:<const> = D.t:<const>
NP.b:<definite> = D.t:<definite>
NP.b:<quan> = D.t:<quan>
NP.b:<card> = D.t:<card>
NP.b:<gen> = D.t:<gen>
NP.b:<decreas> = D.t:<decreas>
NP.b:<wh> = D.t:<wh>
V.b:<mode> = ger
NP.b:<case> = nom/acc
NP.b:<agr num> = sing
NP.b:<agr pers> = 3
NP.b:<agr 3rdsing> = +
```

6 Tree "betaNpxnx0Vpl"

6.1 graphe

6.2 comments

```
Intransitive verb particle. Simple declarative.

 The protesters gave up.
 Arnold fell over.
```

6.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_0:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<control> = NP_0.t:<control>
S_r.t:<inv> = -
PP_w.t:<wh> = +
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = acc/nom
S_r.t:<comp> = nil
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
```
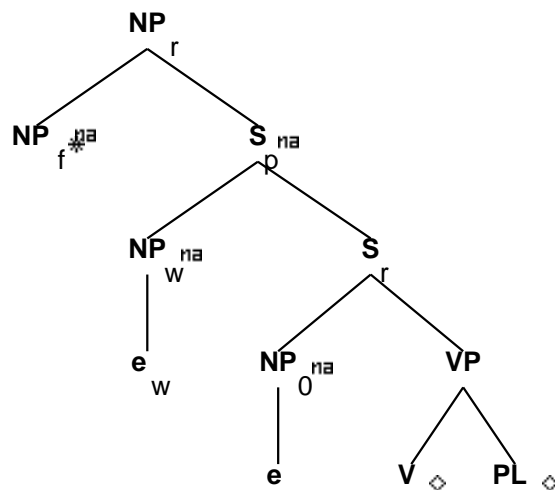
7 Tree "betaNc0nx0Vpl"

7.1 graphe

NP_r
NP_f *na
S_p na
NP_w na
S_r
e_w
NP_0 na
VP
e
V ◊
PL ◊

7.2 comments

```
Intransitive verb particle.
Relative clause on the subject.

 [the protesters] who gave up
 [the guy] that fell over
```

7.3 features

```
S_r.b:<assign-comp> = VP.t:<assign-comp>
```

```
S_r.b:<mode> = VP.t:<mode>
S_r.b:<tense> = VP.t:<tense>
S_r.t:<inv> = -
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
S_r.b:<comp> = nil
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
S_r.b:<agr> = NP_0.t:<agr>
S_r.b:<assign-case> = NP_0.t:<case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<assign-case> = V.t:<assign-case>
```

9

```
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<agr> = V.t:<agr>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.t:<conj> = nil

NP_w.t:<trace> = NP_0.b:<trace>
NP_w.t:<case> = NP_0.b:<case>
NP_w.t:<agr> = NP_0.b:<agr>
NP_r.b:<rel-clause> = +
S_r.t:<mode> = inf/ger/ind
S_r.t:<nocomp-mode> = inf/ger
VP.t:<assign-comp> = that/ind_nil/inf_nil/ecm
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>
```
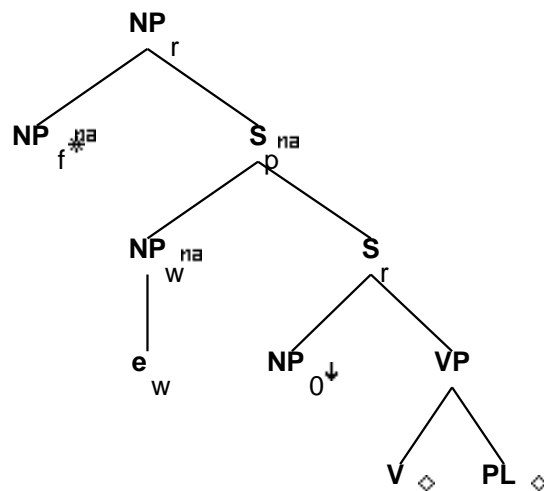
8 Tree "betaNcnx0Vpl"

8.1 graphe

8.2 comments

Intransitive verb particle. Simple declarative.

```
 The protesters gave up.
 Arnold fell over.
```

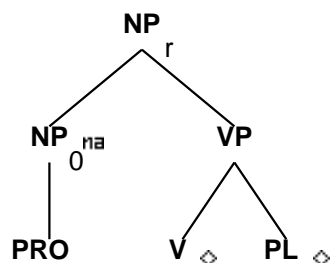## 8.3 features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
S_r.b:<assign-comp> = VP.t:<assign-comp>



S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
NP_0:<agr> = S_r.b:<agr>
NP_0:<case> = S_r.b:<assign-case>
NP_0:<wh> = -
S_r.b:<agr> = VP.t:<agr>
S_r.b:<assign-case> = VP.t:<assign-case>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-case> = V.t:<assign-case>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<control> = NP_0.t:<control>
NP_r.b:<wh> = NP_f.t:<wh>
NP_r.b:<agr> = NP_f.t:<agr>
NP_r.b:<case> = NP_f.t:<case>
NP_f.b:<case> = acc/nom
S_r.t:<inv> = -
S_r.t:<mode> = ind/inf
S_r.t:<nocomp-mode> = ind
VP.t:<assign-comp> = that/for/ind_nil
S_r.b:<nocomp-mode> = S_r.b:<mode>
NP_r.b:<rel-clause> = +
NP_f.b:<case> = nom/acc
NP_r.b:<pron> = NP_f.t:<pron>

S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
```

9 Tree "alphaGnx0Vpl-PRO"

9.1 graphe

```
                    NP
                      r
          NP              VP
            0
        PRO          V      PL
```

9.2 comments

Intransitive verb particle - NP gerund w/ PRO subject.

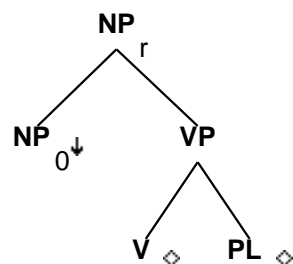[PRO falling over] was a constant danger.

9.3 features

```
NP_r.b:<case> = nom/acc
NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_r.b:<gerund> = +
NP_0:<wh> = NP_r.b:<wh>
NP_0.t:<wh> = -
NP_0.t:<case> = none
VP.t:<mode> = ger
VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<passive> = -
```

10 Tree "alphaGnx0Vpl"

10.1 graphe

```
                    NP
                      r
          NP              VP
            0
                      V      PL
```

10.2   comments

```
Intransitive verb particle - NP gerund.

 [The protesters giving up] surprised John
 [Albert's falling over] worried his mother
```

10.3   features

```
NP_r.b:<case> = nom/acc

NP_r.b:<agr num> = sing
NP_r.b:<agr pers> = 3
NP_r.b:<agr 3rdsing> = +
NP_r.b:<gerund> = +
NP_0:<wh> = NP_r.b:<wh>

VP.t:<mode> = ger

VP.b:<mode> = V.t:<mode>
VP.b:<passive> = V.t:<passive>
VP.b:<compar> = -
V.t:<passive> = -
NP_0:<case> = acc/gen
```
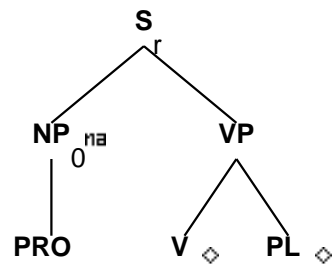
11   Tree "alphanx0Vpl-PRO"

11.1   graphe

11.2   comments

```
Intransitive verb particle w/ PRO subject

The protesters didn't want [PRO to give up].
While [PRO falling down] John screamed.
```

11.3   features

```
S_r.b:<extracted> = -
S_r.b:<inv> = -
```

```
S_r.b:<assign-comp> = VP.t:<assign-comp>
S_r.b:<mode> = VP.t:<mode>
S_r.b:<comp> = nil
S_r.b:<tense> = VP.t:<tense>
S_r.b:<assign-case> = NP_0.t:<case>
NP_0:<agr> = S_r.b:<agr>
NP_0:<wh> = S_r.b:<wh>
NP_0:<wh> = -
NP_0.t:<case> = none
S_r.b:<agr> = VP.t:<agr>
VP.b:<passive> = V.t:<passive>
V.t:<passive> = -
VP.b:<agr> = V.t:<agr>
VP.b:<assign-comp> = V.t:<assign-comp>
VP.b:<mode> = V.t:<mode>
VP.b:<tense> = V.t:<tense>
VP.b:<mainv> = V.t:<mainv>
VP.b:<compar> = -
S_r.b:<control> = NP_0.t:<control>
S_r.b:<progressive> = VP.t:<progressive>
S_r.b:<perfect> = VP.t:<perfect>
S_r.b:<passive> = VP.t:<passive>
S_r.b:<mainv> = VP.t:<mainv>
VP.t:<mode> = inf/ger
```