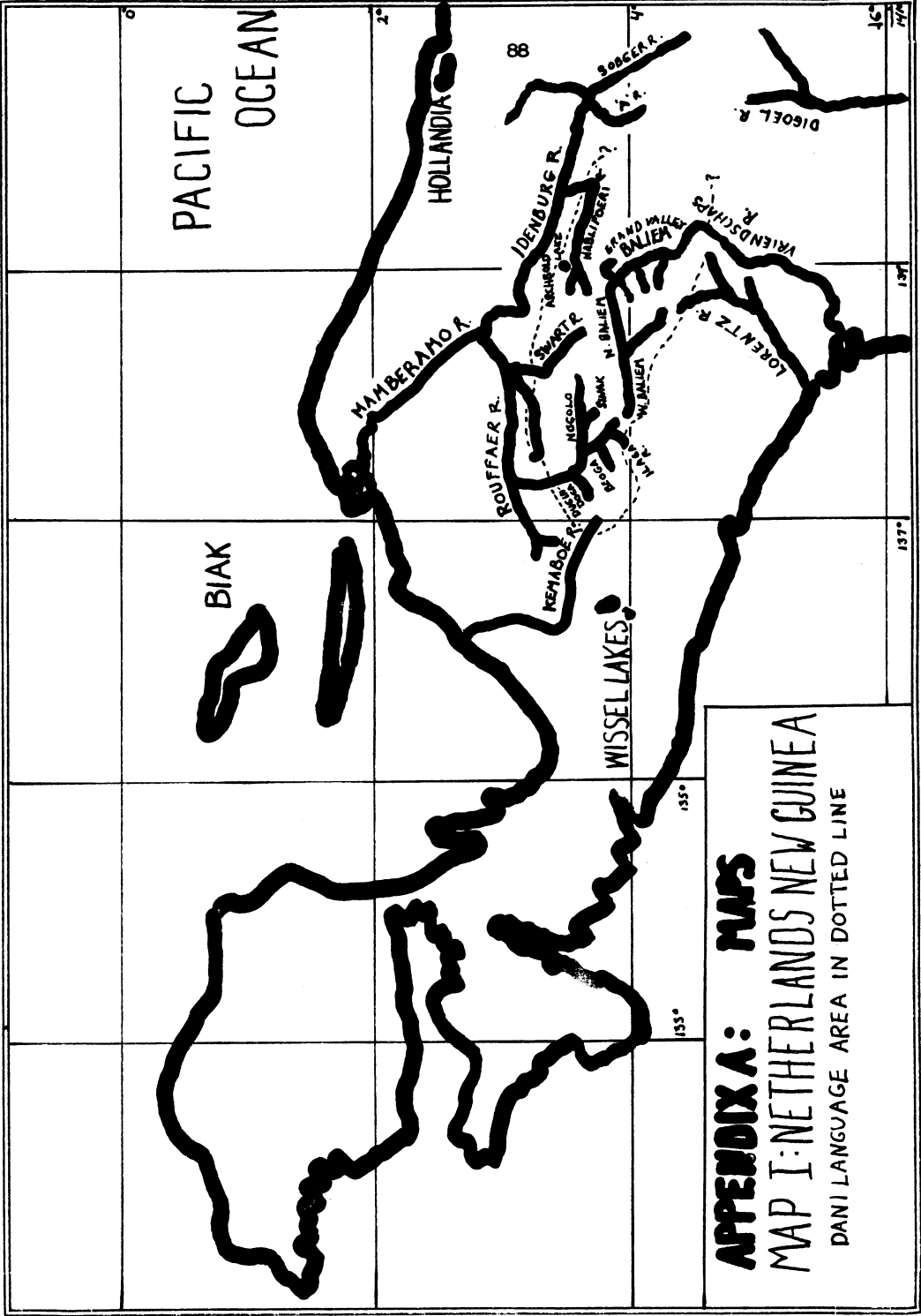


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APPENDIX A: MAPS
MAP I: NETHERLANDS NEW GUINEA
 DANI LANGUAGE AREA IN DOTTED LINE

APPENDIX B

TABLE X

PHONETIC DATA FOR SOME COGNATE FORMS IN THE DIALECTS STUDIED

| Western Dani (WD) | Wodo Valley (WV) | Kibin Valley (KV) | Bele Valley (BV) | Aikhe Valley (AV) | Lower G. Valley (LGV) | Gorge (GD) | Mid-Hablifoeri (MH) |
|---------------------------------|---------------------|---------------------|---------------------|--------------------|-----------------------|----------------------------|-------------------------|
| 'two': | | | | | | | |
| ^m bɔrɔ | ^m bɔrɔ | ^m pɔrɔ | ^m pɔrɔ | pɔrɔ | pɔrɔ | pɔrɔ | birɔ |
| 'his mouth': | | | | | | | |
| ambɔ | ambɔ | ambɔ | ampɔ | apɔ | apɔ | apɔ | ambɔ |
| 'mountain': | | | | | | | |
| — | n ⁿ ɔcm | n ⁿ ɔcm | n ⁿ ɔcm | tcm | tcm | tcm, dcm | dcm |
| 'his name': | | | | | | | |
| ɔndagɔ | ɔndaga | ɔndaga | ɔntagɔ | ɔtaga | ɔtagɔ | ɔdagɔ | ɔndaga |
| 'big': | | | | | | | |
| ^ŋ gck | ^ŋ gck | ^ŋ kck | ^ŋ kck | kck | kck | kck, gck | — |
| 'seed': | | | | | | | |
| agɔɔn | ɔŋgɔn | ɔŋgɔn | ɔŋkɔn | ɔkɔn | ɔkɔn | ɔgɔn | agɔɔn |
| 'good': | | | | | | | |
| — | p ^h anc | p ^h anc | p ^h anc | hanc | hanc | hanc, p ^h anc ? | p ^h anc |
| 'my louse': | | | | | | | |
| naɔt | naɔt | naɔt | naɔt | naɔt | naɔt | naɔt | naɔt |
| 'man': | | | | | | | |
| ap | ap | ap | ap | ap | ap | ap | ap |
| 'bird': | | | | | | | |
| t ^s c ^w ɔ | t ^{sh} ɔwɔ | t ^{sh} ɔwɔ | t ^{sh} uɔ? | t ^{sh} uɔ | suɔ | suɔ | t ^t suɔ, suɔ |
| 'his hair': | | | | | | | |
| ɔri | eri | esi | esi, isi | esi | esi | esi | esi |
| 'you (sg.)': | | | | | | | |
| k ^h at | k ^h at | k ^h at | hat | hat | hat | xat | hat ? |
| 'its tail': | | | | | | | |
| agɔ | aga | aga | aga | aga | agɔ | agɔ | agɔ |

TABLE X (continued)

| (WD) | (WV) | (KV) | (BV) | (AV) | (LGV) | (GD) | (MH) |
|------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| 'no': | | | | | | | |
| 13k | ɔ3k | ɔ3k | ɔ3k | ɔ3k | 13k | 13k | 313-k (6 occurs) |
| 'woman': | | | | | | | |
| k ^{wh} 3 | k ^{wh} 3 | k ^{wh} 3 | h3 | h3 | h3 | h ^w 3 | k ^h tap ? |
| 'his wife': | | | | | | | |
| ? | ag ^w 3 | ag ^w 3 | ag ^w 3 | ag ^w 3 | ag ^w 3 | ag ^w 3 ? | ? |
| 'wrong': | | | | | | | |
| p ^h uk | ɔuk | ɔuk | ɔuk | ɔuk | huk | huk | ? |
| 'his son or daughter': | | | | | | | |
| ap ^h ut | a'ɔut | a'ɔut | a'ɔut | a'ɔut | aput | ? | ? |
| 'his pity for it': | | | | | | | |
| aɔua | a'ɔu | a'ɔu... | a'ɔu... | a'ɔu... | aɔua | ? | ? |
| 'Baliem': | | | | | | | |
| ^m balim | ^m baɣim | ^m paɣim | ^m paɣim | paɣim | palim | balum | ? |
| 'rain': | | | | | | | |
| maju | miɕc | misc | misc | meisc | mcsc | mcsc | — |
| 'Let's go': | | | | | | | |
| nawck | luok | luok | luok | luck | luck | luck | — |
| 'our feces': | | | | | | | |
| ninan | nina ^d 1 | nina ^d 1 | nina ^d 1 | nina ^d 1 | nina ^d 1 | n3nal | nina ^d 1 |
| 'I know': | | | | | | | |
| n3nu | nelu | nelu | nelu | nelu | nelu | nclu | nelu |
| 'I don't like it': | | | | | | | |
| | na'tt | na'tt | na'tt | na'tt | na'tt | na'tt | na'tt ? |
| 'this': | | | | | | | |
| ʒi | ʒi | jt | jt | ji | jt | ju | ? |
| 'lie down': | | | | | | | |
| wencɔ3 | wilarin | wilasin | wilasin | wilasin | we ⁱ name | we ⁱ name | ? |
| 'water': | | | | | | | |
| ʒi | i | i | i | i | i | ik, ji, i | ik |
| 'put it down': | | | | | | | |
| p ^h u | ɕin | ɕin | ɕin | ɕin | he ⁱ n | h ^w eiñ? | ? |

TABLE X (continued)

| (WD) | (WV) | (KV) | (BV) | (AV) | (IGV) | (GD) | (MH) |
|---|---|--|---|---|---|------------------------------|---|
| 'cold': | | | | | | | |
| t ^{sh} _{cg} ^c _l | t ^{sh} _{cg} ^c _i | t ^{sh} _{cg} ^l | t ^{sh} _{cg} ^c _l | t ^{sh} _{cg} ^c _l | scg ^c _e ⁱ _k ? | | t ^s _{cg} ^c _{ik} |
| 'my tooth': | | | | | | | |
| neak | naik | na ⁱ _k | na ⁱ _k | na ⁱ _k | na ⁱ _k | na ⁱ _k | na ⁱ _k ? |
| 'pain': | | | | | | | |
| -- | u | u | u | u | ou ^p _k | ? | ? |
| 'net': | | | | | | | |
| žum | t _{su} | t _{su} | su | su | su | su | ? |

TABLE IX

A COMPARISON OF SOME ORTHOGRAPHIES

| Meaning of Form | Bele Valley Phonemic Orthography | Cross- Dialect Orthography | L. G. Valley Phonemic Orthography | L.G.Valley* pre-Dutch Orthography | L.G.Valley Practical Orthography |
|-----------------------|--|----------------------------------|---|---|--|
| 'two' | bete | bete | pete | pere | bete |
| 'his mouth' | abe | abe | appe | appe | abe |
| 'mountain' | dom | dom | tom | tom | dom |
| 'his name' | edaka | edaka | ettake | ettage | edake |
| 'big' | gok | gok | kok | kok | gok |
| 'seed' | egen | egen | ekken | ekken | egen |
| 'good' | pano | phano | hano | hano | hano |
| 'my louse' | napt | napt,napI | napt | navt | napt,napI |
| 'man' | ap | ap | ap | ap | ap |
| 'bird' | tue | tsUwe? | sue | sue | sue, sUe |
| 'his hair' | eti | etsi | esi | esi | esi |
| 'you (sg.)' | kat | khat | hat | hat | hat |
| 'its tail' | aka | aka | ake | age | ake |
| 'no' | dek | dek | lek | lek | lek |
| 'woman' | ke | kwhe | he | he | he |
| 'his wife' | ak ^w e | akwe | ak ^w e | agwe | akwe |
| 'wrong' | βuk | βhuk | huk | huk | huk, hUk |
| 'his child' | aβut | aβut | apput | apput | abut ⁺ |
| 'his pity' | aβv... | aβv, aβU | apua | avua | apua |
| 'Beliem' | baδim | baδim | palim | palim | balim |
| 'rain' | mito | mitso ? | moso | moso | moso |
| 'let's go' | luok | luwok ? | luok | luok | luok, lUok |
| 'our feces' | ninal | ninal | ninal | ninal | ninal |
| 'I know' | nelu | nelu | nelu | nelu | nelu |
| 'this' | jt | jt, jI | jt | jt | jt, jI |
| 'lie down' | wilatin | wilatsin? | weiname | weiname | weiname |
| 'water' | i | i | i | i | i |
| 'put it down' | βin | βhin ? | hein | hein | hein |
| 'cold' | tokt | tsokt | sokeik | sogeik | sokeik |

TABLE XI (continued)

| Meaning | BV P'mic | Cross-D'ct | LGV P'mic | LGV Pre-D.* | LGV Practical |
|------------|----------|------------|--------------|-------------|---------------|
| 'my tooth' | naik | naik | naik | naik | naik |
| 'pain' | u | u ? | ouk | ouk | ouk |
| 'net' | tu | tsu | su | su | su |
| 'pandanus' | dukke | dukke | tukke, tukhe | tukke | dukhe |

*This orthography, which writes the voiced intervocalic allophones with separate symbols, is rejected in this study but presented here for comparison.

+This is one of the relatively few places where the suggested practical orthography for LGV is actually misleading as to the historic shape of the form.

APPENDIX C

I. A SAMPLE TEXT IN PHONEMIC TRANSCRIPTION

- 3 2: 3 2 3 3 20 3
 1. 'ik-a.+ 2. ti meaké-te+ welesí+ makkúm-he welesí+ pu-juk-ke
 30 4 40 4
 ta' ninom hanó-akaku.+ meaké ták.+ 3. ninom laik wat' laik waik
 3 3 2 3 3 3
 wete'ma wete'ma wete'má-nen+ lokolók-he+ 'áp+ wukhá-hupi'+ meake-nen tá'+
 30 20 4 3 30
 múk-usa kí-akeikhe.+ 4. mukusek aik ulé-pakke+ 'uwe aik ulé-pakke
 4 3 30 3
 mottók+ 'o halt hülk+ 'appunt inatúk ki-akeikhesiken mekké-nen+
 3 2 30 30 30 4
 hopúk-he+ 'uwe aik ípakke wukhá-hupi hoto jí-mekke muk-isasikhé-at.+
 30 3 30 30 4
 5. muk-usikhenén nit jomá-nen+ meaké-nen lipakén-mekkenen mottók+
 3 20 4 3 2 3 30 4
 watik watik watik watúk-he mottók+ 'o múk-hoko-te+ 'okkílúk+ líák-sesukhá.+
 4 30 30 30 4
 6. nén epe'nák^W-k^We lipaken ulók-ke waletakama líák-sesukhá.+
 3 2 3 4 3 2
 7. líák^W-sultk-he'+ hupík-kia' ninom hanó-ako.+ 8. hanó-akosik-he+
 3 30 3 3 30 4
 laik wat' laik waik welakeikhasík-en+ 'ít-en hopúk+ nít+ píté ninathukhá.+
 3 2 3 3 3 20
 9. ninattukhá-mekke+ welakosík-en'+ ninóm+ hopu' ninajúk-en-he nit joma
 3 3 20 3 3 30
 wete'má+ nít-en-he inathi'-lekat wete'ma wete'má-nen+ hopúk káin-mekke
 3 4 3 2 3 2 3 2
 akeikhé+ ninatha. 10. ninattukhamá-nen'+ nina'lúk-he'+ sue-atek wolók-he
 30 4 30 40 3 2 2
 + hupík-kiak ete'má lakoukha.+ 11. nít-i mottók hupík-kiá' meaké+
 20 4 4 20 4 2 4
 mottók kí-akeikhe.+ 12. lipakén- mekké mottók+ lappuk happuk-hoko
 3 20 3 3 2 30
 ki-akeikhesi'mó-nen nít+ hoil sal hülk wulphu lokolók-he+ hinakén
 4 3 20 30 4 3
 wattuku.+ 13. wattelók-he sekkelokó nasuku.+ 14. nukkuném-en'+
 3 3 3 2 3
 nalók-en'+ meake-a'noko aten elomá'+ka kamo ikha lakuném-en lipakén-mekke+
 30 3 20 3 20
 lipakén-mekke nít+ 'ettai wattelók-he ninekki akeikhe welakosík-he ninekki
 3 2 30 4 2 20 30 4
 akeikhen-en-he'+ lipaken helen-hokó wattuku.+ 15. humí'+ 'áp pakki-at+
 3 3 20 3 3 20
 humí'+ hinaken wattukusík-en hopúk+ 'ap kain akeikhe wattukú-nen weim
 30 3 30 4 3
 jappu jappu jappú-nen hopúk-en'+ helen-hoko múk-ísokko.+ 16. wamatusé-nen'+

'akeikh³' + wath⁴. + meak⁴mek⁴. + 17. watten³em-en' + wamatue nit-eteke
 akasik watten³em-he + 'it³ + 'eilelek³ k³lak + lio-lakenek + 'apan³mel-nek +
 muk-isoko. + 18. heleng-hoko muk-isoko. + 19. muk-hokosoko pukima
 kelak-soko. + 20. makrum-he + wukha-hupi ta' muk ha-sikhe. + 21. nan
 hopuk-he + lipaken muk-isoko. + 22. 'att³. + 23. nakeik³ak. + 24. 'at-at. +
 25. hal-la-ok.

II. A SELECTION FROM THIS TEXT IN LGV PRACTICAL ORTHOGRAPHY

12. *lipaken; mege; modok., labuk habuk-hoko gi-akeikhesi'mo-nen; nit, hoil sal hiliik wuliPhi lokolik-he; hinaken, wathuku.* 13. *Wathiliik-he; segeloko, nasuku. NUkhUnem-en, nalok-en, Meake-a'noko aten eloma, gamo ikha lakUnem-en; lipaken-mege, lipaken-mege, nit, edaI wathiliik-he; ninegi akeikhe welakosik-he; ninegi akeikhe-nen-he; lipaken helen-hoko, wathuku.* 15. *hImI; ap; bagI-at., hImI, hInaken wathukusik-en; hopuk, ap gain akeikhe wathuku-nen; weim japhu japhu japhu-nen, hopuk-en, heleng-hoko muk-,isoko.* 16. *WamatUe-nen, akeikhe, wathe. Meake-mege.* 17. *Wathenem-en, WamatUe nit-etege akasik wathenem-he; it, Eilelekawe-lak. Iio-lak-enek, Apame-mel-nek, muk-,isoko.* 18. *heleng-hoko, muk-,isoko.*

III. TRANSLATION OF THE TEXT

1. Shall I speak? 2. About that, about the Meage, at Welesi, originally up this direction at Welesi we first came on good terms. That was with the Meage first. 3. After we had gone and come, gone and come between our groups for some time, after a while, the Wuka-hubi men were first invaded and driven out by the Meage. 4. Having driven them out on the other side of the stream, on the other side of the Uwe, burning all the

villages and killing the people as they invaded, later on they invaded and drove out the Wuka-hubi close here on this side of the Uwe. 5. When they drove them out we locals and the Meage and the folks across the river joined them, killing and killing and killing, and having chased them out of their villages, we drove them up to Okilik. 6. Then others we drove up the other side of the river in that direction to Waleragama. 7. Having driven them up there, we came on good terms with the Hubi-kiak. 8. Having come on good terms, after people had been going and coming, going and coming, later they killed two of us. 9. After they had killed us, after a while, while we were later afraid and were here, and we had not killed any of them, later on they killed another important man of ours. 10. When they had killed [that man of] ours, having killed us, they carried the 'dead bird' to the Hubi-kiak area. 11. The Hubi-kiak and Meage all invaded us here. 12. When the folks across the river invaded all tightly joined with them, we set an ambush, and while we were coming out, we killed three. 13. Having killed, we cut them up and ate them. 14. When we ate them, having eaten them, when those Meage remained away off there, after we had danced the victory dance, then after another day, on the next day we killed the group across the river. 15. When we had killed women—one man and three women—later after we had killed an important man as well and had fought and fought and fought, we drove them all out. 16. Pig's-bird killed one, a Meage man. 17. When he killed him, when he came on our side and killed, we chased just them out: Eilelekwe and his group, Lio and his group, Abane and his group—just those. 18. We chased them all out! 19. Having chased them out, we drove them into Pugima. 20. In the beginning,

[the Hubi-kiak] first chased out the Wuka-hubi. 21. Then later on we
drove out the people across the river. 22. That's it. 23. My friend.
24. It's finished. 25. Greetings.