Language Maps

The following maps were based on a compilation of sources made over the period 2008-2020. The maps show language family locations to the extent known. The drawing of the language maps and decisions about which varieties and names to represent is described in more detail in Chapter 7. The following notes should be taken into account especially.

As should be clear, the placement of languages in physical space is an abstraction and an idealization. Languages are used by people, who are often multilingual. While some Indigenous groups view language as being particularly associated with geographical regions (that is, that tracts of land belong to certain languages and people speak those languages by virtue of being in that space; see Rumsey 1989, 1993, Rigsby 2005, Sutton 1978, for example; see further discussion in Chapter 1 and 49 of the current volume), not all groups view language in that way.

These maps are also 'atemporal'; that is, they are not a specific snapshot of a particular point in time. Language locations change over time. All Indigenous language locations have been affected, to varying degrees, by colonial settlement (cf. NILR (2020)). This is not a map of contemporary language use, but it's probably also not a map of traditional language locations for some parts of the country. At best, it could be a reconstruction for some areas, contemporary continuation for others, and contemporary change in yet other areas. These maps should be considered as a way to relate linguistic groups to one another in space. It should help to visualize the approximate distances between groups, abstracting away from multilingualism, population density, and Indigenous settlement patterns.

This map represents my best attempt to reconcile the myriad of conflicting information about Australian languages and their traditional and contemporary locations. It is important to note that even "reliable" sources are sometimes irreconcilable. Reasons for conflicting information include a difference in the time period represented, working with different groups or individuals, different ideas of what constitutes a "language", different choices of which varieties to group together, vagueness in prior maps, and even esthetic mapping choices that change information. For these and other reasons, I may have come to different decisions than others about how to

represent language-land relationships in Australia, although for the most part, this map is broadly similar to others. Perhaps the biggest difference is the number of languages represented: 490, rather than the "250" that linguists have tended to work with (as further discussed in Chapter 7).

The language map is keyed to the classification given on page XX above. Since that is a classification of *languages* (rather than all named *varieties*), only *languages* are shown on the map. This means that groups where the language name and the name of the group are different, show the language names rather than the group names. For some parts of the country, the ethnonyms and the language names are identical (this is true for most, though not all, of the Western and Central blocs of Pama-Nyungan, for example). In parts of Eastern Australia, however, language names were not identical to names for social groups.

Maps 1 and 2 include classification information, such as families and subgroups. Pama-Nyungan subgroup boundaries are represented by dashed lines; language families have solid lines. These subgroups of Pama-Nyungan are the ones most familiar to Australianists. They descend from the earlier classifications of roughly 30 groups that were originally not linked more closely together (cf. the Pama-Nyungan rake model described in Bowern 2011). The classification presented on the map is somewhat conservative. For example, it does not show substructure within Paman or Maric in Map 2. The map was designed with historical linguistic uses in mind (for example, units for reconstruction). It does not show groups with cultural affinities to one another (for example, the languages of the Victoria River district) or other ways of grouping languages.

Map 3 does not present boundaries between individual languages. This decision was not undertaken lightly. It was done because it is impossible to represent boundaries accurately in too many cases. The reasons differed in different areas. In some places, the boundaries themselves are unknown; single fixed boundaries are not the best way to represent the way languages in particular regions shaded into one another; boundaries are disputed; boundaries have changed over the last few hundred years; and other reasons. Of course, the boundaries given in Maps 1 and 2 are derived from the language locations in Map 3, and are subject to some of the same types of considerations. They should be treated as indicative rather than definitive.

The process of compiling information was as follows. The starting point for this project was the compilation of a language map and list of "standardized" language names for use in the Chirila database (Bowern 2016). The language map included both centroid (point) locations and polygons showing the approximate boundaries of languages. In order to be as complete as possible, data were compiled from all available sources on language locations, as well as the language names used in general sources about Australian languages. Numerous compilations exist in the prior literature, with the most important continent-wide surveys including O'Grady, Wurm and Hale (1966), Tindale (1940; 1974), Wurm and Hattori (1981) and Dixon (2002). Regional surveys were also important, and included both published sources (e.g. McGregor 2004, Wafer and Lissarrague 2008) and unpublished or locally published maps and pamphlets from regional Aboriginal language centres (for example, the Pama Language Centre, VACL, Wangka Maya, the Goldfields Language Centre, and Noongar Boodja Aboriginal Culture Language Centre). The maps were overlaid and geocoded in Google Earth to facilitate comparison. These were checked against the Austlang web site from the Australian Institute of Aboriginal and Torres Strait Islander Studies. Some decisions about mapping are given in the notes to the classification, starting on page XX above. In general, I privileged information from Language Centres and from specific reference grammars over the older maps such as Tindale (1974). For the most part, sources were in broad agreement, as might be expected since they were not compiled independently. However, there were substantial minor differences, particularly around boundaries.

1. Non-Pama-Nyungan language families

2. Major subgroups of Pama-Nyungan

3. Language locations

4. New Indigenous languages

Key to Language Maps		Biri	47	Gandangara	94
		Birrpayi -	48	Gangulu	95
Name	Map No.	Boonwurrung	49	Ganulu	96
Adnyamathanha	1	Bukurnidja	50	Gara-gara	97
Aghu Tharnggala	2	Bularnu	51	Garandi	98
Agu Aloja	3	Bunganditj	52	Garig	99
Agwamin	4	Bunuba	53	Garingbal	100
Alawa	5	Burarra	54	Garlali	101
Alngith	6	Central Arrernte	55	Garrwa	102
Alyawarr	7	Condamine-	50	Gija	103
Amangu	8	Upper-Clarence Copmanhurst	56	Giya	104
Amurdak	9	Language	57	Giyug	105
Andajin	10	Cundeelee	31	Gold Coast	400
Angkamuthi	11	Wangka	58	Pimpana	106
Anguthimri	12	Dagoman	59	Golpa	107
Anindilyakwa	13	Dalabon	60	Gonbudj	108
Anmatyerr	14	Darrkinyung	61	Gooniyandi	109
Antakirinya	15	Daungwurrung	62	GoorengGooreng	110
Antekerrepenhe	16	Dhangu	63	Goreng	111
Ara-ara	17	Dharawal	64	Gubbi Gubbi	112
Arabana	18	Dharawala	65	Gudang	113
Aritinngithigh	19	Dharuk	66	Gudanji	114
Atampaya	20	Dharumba	67	Gudjal	115
Athima	21	Dharumbal	68	Gugu Badhun	116
Awngthim	22	Dhay'yi	69	Gugu Djangun	117
Awu Alaya	23	Dhudhuroa	70	Gugu Wakura	118
Ayapathu	24	Dhurga	71	Gumbaynggir	119
Ayerreyenge	25	Dhuwal	72	Gungabula	120
Baanbay	26	Dhuwala	73	Gunggari	121
Badimaya	27	Diyari	74	Gunya	122
Badjiri	28	Djabugay	75	Gurindji	123
Balardung	29	Djadjawurung	76	Gurrgoni	124
Barada	30	Djangu	77	Guugu-Yimidhirr	125
Bardi	31	Djinang	78	Guwa	126
Barna	32	Djinba	79	Guwamu	127
Barranbinya	33	Djirbal	80	Guwar	128
Barrow Point	34	Djirringany	81	Guweng	129
Barunggam	35	Dungaloo	82	Guyambal	130
Batjjamalh	36	Duungidjawu	83	Guyani	131
Batyala	37	Eastern Arrernte	84	Guynmal	132
Bayali	38	Emmi	85	Hunter River Lake	400
Bibbulman	39	Eora	86	Macquarie 	133
Bidawal	40	Erre	87	lkarranggal 	134
Bidjara	41	Flinders Island	88	llgar 	135
Bigambal	42			lwaidja	136
Bilinarra	43	Gaagudju Gabalbara	89 90	Jabirrjabirr	137
Binbinka	44			Jaminjung	138
Bindal	45	Gajirrebeng	91	Janday	139
Bininj Kunwok	46	Gamberre	92	Jardwadjali	140
Pilling Runwok	40	Gamilaraay	93	Jaru	141

Jawi	142	Kuuku Yani	191	Minkin	240
Jawoyn	143	Kuuku-Ya'u	192	Miriwoong	241
Jingulu	144	Kuwarra	193	Mirniny	242
Jiwarli	145	Kwini	194	Mithaka	243
Jiwarliny	146	Ladji Ladji	195	Miyan	244
Jukun	147	Lamalama	196	Mpakwithi	245
Jurruru	148	Lardil	197	Mpalityan	246
Kaanju	149	Larrakia	198	Mudburra	247
Kala Lagaw Ya	150	Limilngan	199	Muk-Thang	248
Kalaamaya	151	Linngithigh	200	Muluriji	249
Kalaw Kawaw Ya	152	Lower Aranda	201	Murrinh-patha	250
Kalkatungu	153	Lower Richmond	202	Muruwari	251
Kamu	154	Luthigh	203	Muthanthi	252
Kaniyang	155	Luthigh	204	Nakara	253
Karajarri	156	Mabuiag	205	Nari Nari	254
Karangura	157	Magati Ke	206	Narrungga	255
Kariyarra	158	Malak Malak	207	Nauo	256
Karlaaku	159	Malkana	208	Ndjebbana	257
Karranga	160	Malngin	209	Ndra'ngith	258
Kartujarra	161	Malyangapa	210	Ngaanyatjarra	259
Karuwali	162	Mangala	211	Ngadjuri	260
Katthang	163	Mangarrayi	212	Ngaduk	261
Kaurna	164	Manjiljarra	213	Ngaiawang	262
Kayardild	165	Maranunggu	214	Ngajumaya	263
Kaytetye	166	Margany	215	Ngalakgan	264
Keramin	167	Marra	216	Ngalia	265
Kokatha	168	Marramaninyshi	217	Ngaliwuru	266
Kokiny	169	Marrgu	218	Ngamini	267
Koko Bera	170	Marri Ammu	219	Ngan'gikurunggurr	268
Koko Dhawa	171	Marri Dan	220	Ngan'gityemerri	269
Koko-Babángk	172	Marri Tjevin	221	Nganakarti	270
Kolakngat	173	Marringarr	222	Ngandi	271
Koogobatha	174	Marrithiel	223	Ngantangarra	272
Kugu Nganhcara	175	Martuthunira	224	Nganyaywana	273
Kukatj	176	MathiMathi	225	Ngardi	274
Kukatja	177	Matngele	226	Ngarigu	275
	177	Mawng	227	Ngarinyin	276
Kuku Yalanii	179	_	228		277
Kuku Yalanji		Mayawali		Ngarinyman	
Kunbarlang	180	Mayi-Kulan	229	Ngarkat	278
Kungarakany	181	Mayi-Kutuna	230	Ngarla	279
Kungkarri	182	Mayi-Thakurti	231	Ngarlawangga	280
Kurnai	183	Mayi-Yapi	232	Ngarluma	281
Kurnu	184	Mbabaram	233	Ngarnka	282
Kurrama	185	Mbara	234	Ngaro	283
Kurtjar	186	Mbeiwum	235	Ngarrindjeri	284
Kuthant	187	Mengerrdji	236	Ngawun	285
Kuuk Thaayorre	188	Menthe	237	Ngintait	286
Kuuk Yak	189	Middle Clarence	238	Ngiyambaa	287
Kuuk-Narr	190	Minang	239	Ngomburr	288

Ngumbarl	289	Ritharrngu	338	Wangkajunga	387
Ngunawal	290	Southern Anaiwan	339	Wangkangurru	388
Nhanda	291	Southern Kaantju	340	Wangkayutyuru	389
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Nhuwala	293	Paakantyi	341	Wanyjirra	391
Nimanburu	294	Takalak	342	Wapabara	392
Nukunu	295	Thaagurda	343	Wardaman	393
Nulit	296	Thalanyji	344	Wardandi	394
Nungali	297	Thanggatti	345	Warlmanpa	395
Nunukal	298	Thangguai	346	Warlpiri	396
Nyaanyatjarra	299	Tharrayi	347	Warluwarra	397
Nyaki Nyaki	300	Tharrgari	348	Warndarrang	398
Nyamal	301	Thawa	349	Warnman	399
Nyangumarta	302	Thiin	350	Warray	400
Nyawaygi	303	Thirarri	351	Warrgamay	401
Nyikina	304	Tiwi	352	Warriyangga	402
Nyulnyul	305	Tjapwurrung	353	Warrnambool	403
Nyunga	306	Tjupan	354	Warrwa	404
Ogh Awarrangg	307	Turrbul	355	Warumungu	405
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Paaruntyi	314	Umpithamu	362	Wiilman	412
Pakanh	315	Unggarranggu	363	Wik Iyanh	413
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Pungupungu	330	Wajarri	378	Worla	428
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