

**ANNEX 2. The 200-language sample (extracted from Dryer & Haspelmath, 2013). By language alphabetical order, with emic and etic-WIRA status.**

<i>Language</i>	<i>Genus</i>	<i>Family</i>	<i>N° of phonemic liquids</i>	<i>N° of phonemic rhotics</i>	<i>emic- WIRA status</i>	<i>etic-WIRA status (when known)</i>
Abipon	Guaicuruan	Guaicuruan	2	1	absent	
Abkhaz	Northwest Caucasian	Northwest Caucasian	2	1	present	
Acoma	Keresan	Keresan	2	2	absent	
Ainu	Ainu	Ainu	1	1	present	
Alamblak	Sepik Hill	Sepik	1	1	present	
Amele	Madang	Trans-New Guinea	1	0	irrelevant	
Apurinã	Arawakan	Arawakan	1	1	absent	
Arabic (Egyptian)	Semitic	Afro-Asiatic	2	1	present	
Araona	Tacanan	Tacanan	1	0	irrelevant	
Arapesh (Abu)	Kombio- Arapesh	Torricelli	2	1	rare?	
Armenian (Eastern)	Armenian	Indo-European	3	2	absent	yes
Asmat	Asmat-Kamoro	Trans-New Guinea	1	1	absent	
Awa Pit	Barbacoan	Barbacoan	2	0	irrelevant	yes
Aymara	Aymaran	Aymaran	3	1	absent	
Bagirmi	Bongo-Bagirmi	Nilo-Saharan	2	1	present	
Bambara	Western Mande	Niger-Congo	2	1	absent	
Barasano (Northern)	Tucanoan	Tucanoan	1	1	absent	
Basque	Basque	Basque	3	2	absent	
Batak (Karo)	Sumatra	Austronesian	2	1	present	
Bawm	Kuki-Chin	Sino-Tibetan	2	1	present?	
Beja	Beja	Afro-Asiatic	2	1	present?	yes
Berber (Middle Atlas) = Tamazight	Berber	Afro-Asiatic	4	2	present	
Brahui	Northern Dravidian	Dravidian	4	2	absent	
Bribri	Talamanca	Chibchan	1	1	absent	yes
Burmese	Burmese-Lolo	Sino-Tibetan	2	0	irrelevant	
Burushaski	Burushaski	Burushaski	2	1	absent	
Cahuilla	Takic	Uto-Aztecan	2	0	irrelevant	
Canela-Krahô	Ge-Kaingang	Macro-Ge	1	1	present	
Carib	Cariban	Cariban	1	1	present	
Cayuvava	Cayuvava	Cayuvava	1	1	present	yes
Chamorro	Chamorro	Austronesian	2	1	rare	
Chinantec (Lealao)	Chinantecan	Oto-Manguean	2	1	rare?	
Chukchi	Northern	Chukotko-	2	1	present	

	Chukotko-Kamchatkan	Kamchatkan				
Comanche	Numic	Uto-Aztecan	1	1	absent	yes
Coos (Hanis)	Coosan	Oregon Coast	0	0	irrelevant	
Cree (Plains)	Algonquian	Algic	0	0	irrelevant	
Daga	Dagan	Dagan	1	1	rare	
Dani (Lower Grand Valley)	Dani	Trans-New Guinea	1	0	irrelevant	yes
Diola-Fogny	Northern Atlantic	Niger-Congo	2	1	present?	yes
Drehu	Oceanic	Austronesian	2	0	irrelevant	
Ekari	Wissel Lakes-Kemandoga	Trans-New Guinea	0	0	irrelevant	
English	Germanic	Indo-European	2	1	present	yes
Epena Pedee	Choco	Choco	2	2	absent	
Evenki	Tungusic	Altaic	2	1	absent (in Evenki dialects spoken in China)	
Ewe	Kwa	Niger-Congo	2	1	absent	
Fijian	Oceanic	Austronesian	3	2	present	
Finnish	Finnic	Uralic	2	1	present	
French	Romance	Indo-European	2	1	present	
Fur	Fur	Nilo-Saharan	2	1	present	
Garo	Bodo-Garo	Sino-Tibetan	2	1	present	
Georgian	Kartvelian	Kartvelian	2	1	present?	
German	Germanic	Indo-European	2	1	present	
Gooniyandi	Bunuban	Australian	5	2	absent	
Grebo	Kru	Niger-Congo	2	0	irrelevant	yes
Greek (Modern)	Greek	Indo-European	2	1	present	
Greenlandic (West)	Eskimo	Eskimo-Aleut	3	1	absent	
Guaraní	Tupi-Guaraní	Tupian	2	1	absent	
Haida	Haida	Haida	3	0	irrelevant	
Hamtai	Angan	Trans-New Guinea	0	0	irrelevant	
Hausa	West Chadic	Afro-Asiatic	3	2	present	
Hebrew (Modern)	Semitic	Afro-Asiatic	3	1	present	
Hindi	Indic	Indo-European	6	4	present	
Hixkaryana	Cariban	Cariban	2	2	present	
Hmong Njua	Hmong-Mien	Hmong-Mien	2	0	irrelevant	
Huitoto (Minica)	Huitoto	Huitotoan	1	1	present?	
Hungarian	Ugric	Uralic	2	1	present	
Hunzib	Avar-Andic-Tsezic	Nakh-Daghestanian	3	1	present	
Igbo	Igboid	Niger-Congo	2	1	present	
Ika	Aruak	Chibchan	1	1	present	
Imonda	Border	Border	1	0	irrelevant	
Indonesian	Malayic	Austronesian	2	1	present	
Ingush	Nakh	Nakh-Daghestanian	3	2	rare	yes

Iraqw	Southern Cushitic	Afro-Asiatic	2	1	absent	
Irish	Celtic	Indo-European	5	2	present	
Jakaltek	Mayan	Mayan	2	1	rare	
Japanese	Japanese	Japanese	1	1	absent	
Ju 'hoan	Northern Khoisan	Khoisan	1	1	absent	
Kannada	Southern Dravidian	Dravidian	3	1	rare	
Kanuri	Western Saharan	Nilo-Saharan	3	1	present	
Karok	Karok	Karok	1	1	absent	
Kayah Li (Eastern)	Karen	Sino-Tibetan	2	1	present	
Kayardild	Tangkic	Australian	3	2	absent	
Kera	East Chadic	Afro-Asiatic	2	1	rare	
Ket	Yeniseian	Yeniseian	2	0	irrelevant	
Kewa	Engan	Trans-New Guinea	2	2	absent	
Khalkha	Mongolic	Altaic	4	2	absent	
Khasi	Khasian	Austro-Asiatic	2	1	present?	
Khmer	Khmer	Austro-Asiatic	2	1	present	yes
Khmu'	Palaung-Khmuic	Austro-Asiatic	2	1	present	
Khoekhoe (= Nama, Hottentot)	Central Khoisan	Khoisan	1	1	absent	
Kilivila	Oceanic	Austronesian	2	1	rare	
Kiowa	Kiowa-Tanoan	Kiowa-Tanoan	1	0	irrelevant	
Kiribati	Oceanic	Austronesian	1	1	present	
Koasati	Muskogean	Muskogean	2	1	present	yes
Kobon	Madang	Trans-New Guinea	4	2	present	
Kongo	Bantoid	Niger-Congo	1	0	irrelevant	
Korean	Korean	Korean	1	1	absent	
Koromfe	Gur	Niger-Congo	1	0	irrelevant	yes
Koyraboro Senni	Songhay	Nilo-Saharan	2	1	rare	
Krongo	Kadugli	Kadugli	2	1	present?	
Kunama	Kunama	Nilo-Saharan	3	1	absent	
Kutenai	Kutenai	Kutenai	1	0	irrelevant	
Ladakhi	Bodic	Sino-Tibetan	3	1	present	
Lak	Lak-Dargwa	Nakh-Daghestanian	2	1	rare	
Lakhota	Siouan	Siouan	1	0	irrelevant	
Lango	Nilotic	Nilo-Saharan	2	1	present?	
Latvian	Baltic	Indo-European	3	1	present	
Lavukaleve	Lavukaleve	Solomons East Papuan	2	1	rare	yes
Lepcha	Lepcha	Sino-Tibetan	2	1	present	
Lezgian	Lezgic	Nakh-Daghestanian	2	1	present	
Luvale	Bantoid	Niger-Congo	1	1	present	

Maba	Maban	Nilo-Saharan	2	1	absent	
Makah	Southern Wakashan	Wakashan	2	0	irrelevant	
Malagasy	Barito	Austronesian	2	1	present	
Mandarin	Chinese	Sino-Tibetan	1	0	irrelevant	
Mangarrayi	Mangarrayi	Australian	4	2	absent	
Maori	Oceanic	Austronesian	1	1	present	
Mapudungun	Araucanian	Araucanian	4	1	present	
Maranungku	Western Daly	Australian	3	2	absent	
Maricopa	Yuman	Hokan	3	1	rare	
Marind	Marind Proper	Marind	1	1	present	
Martuthunira	Pama-Nyungan	Australian	6	2	absent	
Maung	Iwaidjan	Australian	5	3	rare	
Maybrat	North-Central Bird's Head	West Papuan	1	1	present?	
Meithei	Kuki-Chin	Sino-Tibetan	1	1	rare	yes
Miwok (Southern Sierra)	Miwok	Penutian	1	0	irrelevant	yes
Mixtec (Chalcatongo)	Mixtecan	Oto-Manguean	2	1	present	
Mundari	Munda	Austro-Asiatic	3	2	absent	
Murle	Surmic	Nilo-Saharan	2	1	present?	
Nahuatl (Tetelcingo)	Aztecán	Uto-Aztecán	1	1	absent	
Navajo	Athapaskan	Na-Dene	2	1	present	
Ndyuka	Creoles and Pidgins	Creoles and Pidgins	1	0	irrelevant	
Nenets	Samoyedic	Uralic	4	2	absent	
Nez Perce	Sahaptian	Penutian	3	0	irrelevant	
Ngiti	Lendu	Nilo-Saharan	2	1	present?	
Ngiyambaa	Pama-Nyungan	Australian	3	2	absent	
Nivkh	Nivkh	Nivkh	3	2	present?	
Nkore-Kiga	Bantoid	Niger-Congo	1	1	present	
Nubian (Dongolese)	Nubian	Nilo-Saharan	2	1	absent	
Nunggubuyu	Nunggubuyu	Australian	5	2	absent	
Oneida	Northern Iroquoian	Iroquoian	1	0	irrelevant	
Oromo (Harar)	Eastern Cushitic	Afro-Asiatic	2	1	present?	
Otomi (Mezquital)	Otomian	Oto-Manguean	3	2	absent	yes
Paamese	Oceanic	Austronesian	2	1	present	yes (in southern Pamese)
Paiwan	Paiwanic	Austronesian	3	1	present	
Passamaquoddy-Maliseet	Algonquian	Algic	1	0	irrelevant	
Paumari	Arauan	Arauan	2	2	absent	
Persian	Iranian	Indo-European	2	1	present	
Pirahã	Mura	Mura	0	0	irrelevant	
Pitjantjatjara	Pama-Nyungan	Australian	5	2	absent	

Pomo (Southeastern)	Pomoan	Hokan	1	0	irrelevant	
Qawasqar	Alacalufan	Alacalufan	2	1	absent	
Quechua (Imbabura)	Quechuan	Quechuan	2	1	present	
Rama	Rama	Chibchan	2	1	absent	
Rapanui	Oceanic	Austronesian	1	1	present	
Russian	Slavic	Indo-European	4	2	present	
Sango	Ubangi	Niger-Congo	2	1	absent	
Sanuma	Yanomam	Yanomam	1	1	present	yes
Selknam	Chon Proper	Chon	2	1	rare	
Semelai	Aslian	Austro-Asiatic	4	2	present	
Sentani	Sentani	Sentani	1	1	absent	yes
Shipibo-Konibo	Panoan	Panoan	1	1	present	
Slave	Athapaskan	Na-Dene	3	1	absent	
Spanish	Romance	Indo-European	4	2	absent	
Squamish	Central Salish	Salishan	3	0	irrelevant	
Suena	Binanderean	Trans-New Guinea	1	1	absent	
Supyire	Gur	Niger-Congo	1	0	irrelevant	yes
Swahili	Bantoid	Niger-Congo	2	1	rare	
Taba	South Halmahera - West New Guinea	Austronesian	2	1	present	
Tagalog	Meso-Philippine	Austronesian	1	0	irrelevant	yes
Thai	Kam-Tai	Tai-Kadai	2	1	present	yes
Tiwi	Tiwian	Australian	4	2	absent	yes
Tlingit	Tlingit	Na-Dene	2	0	irrelevant	
Trumai	Trumai	Trumai	3	1	absent	
Tsimshian (Coast)	Tsimshianic	Penutian	2	1	absent	
Tukang Besi	Sulawesi	Austronesian	2	1	present	
Tunica	Tunica	Tunica	2	1	present	
Turkish	Turkic	Altaic	3	1	absent	
Una	Mek	Trans-New Guinea	2	0	irrelevant	yes
Ungarinjin	Wororan	Australian	5	2	absent	
Urubu-Kaapor	Tupi-GuaranÃ	Tupian	1	1	present?	
Usan (=Wanuma)	Madang	Trans-New Guinea	0	0	irrelevant	yes
Vietnamese	Viet-Muong	Austro-Asiatic	1	0	irrelevant	
Wambaya	West Barkly	Australian	4	2	absent	
Warao	Warao	Warao	1	1	present	yes
Wardaman	Yangmanic	Australian	5	2	absent	
Wari'	Chapacura- Wanham	Chapacura- Wanham	1	1	absent	
Wichi	Matacoan	Matacoan	2	0	irrelevant	
Wichita	Caddoan	Caddoan	1	1	present	yes
Yagua	Peba-Yaguan	Peba-Yaguan	1	1	present	
Yaqui	Cahita	Uto-Aztecan	2	1	present	yes

Yidiny	Pama-Nyungan	Australian	3	2	absent
Yimas	Lower Sepik	Lower Sepik- Ramu	2	1	absent
Yoruba	Defoid	Niger-Congo	2	1	present
Yuchi	Yuchi	Yuchi	2	0	irrelevant
Yukaghir (Kolyma)	Yukaghir	Yukaghir	3	1	absent
Yup'ik (Central)	Eskimo	Eskimo-Aleut	4	1	absent
Yurok	Yurok	Algic	5	2	present
Zoque (Copainalá)	Mixe-Zoque	Mixe-Zoque	0	0	irrelevant
Zulu	Bantoid	Niger-Congo	3	0	irrelevant