

0= AFRICA *geosector*

pages 38 to 80

<p>This geosector covers 44 sets of languages (237 outer languages, composed of 763 inner languages) spoken by communities across the African continent south of the Sahara, from West Africa to East Africa, and in southwestern Africa. These sets comprise all languages of Africa and its adjacent islands which are <u>not</u> covered by phylosectors 1=Afro-Asian, 3=Austronesian, 5=Indo-European and 9=Transafrican.</p> <p>Zones 00= to 07= cover many of the languages spoken within an area of considerable linguistic variation extending across Africa from Senegal in the west to Tanzania in the east. Zones 08= to 09= cover languages spoken in Southwestern Africa, in and around the Kalahari desert.</p>			
<p>00= MANDIC <i>phylozone</i></p>	<p>covers the Mande grouping (part of the "Congo-Kordofanian", "new Niger-Congo" hypothesis; and part of the "Mande+ Songhai" hypothesis); comprising 4 sets of languages (= 35 outer languages) spoken by communities within or around the Niger basin of West Africa:</p> <p>00-A MANDINKA+ MENDE 00-B SONINKE+ SOROGAMA 00-C SEMBLA+ JUNG 00-D DAN+ SYA</p>	<p><i>languages spoken in:</i> Burkina Faso; Côte d'Ivoire; Gambia; Ghana; Guinea; Guinea-Bissau; Liberia; Mali; Mauritania; Nigeria; Senegal; Sierra Leone</p> <p>scale of voices 7</p>	<p>page 38</p>
<p>01= SONGHAIC <i>phylozone</i></p>	<p>covers the Songhay+Sahaq set (part of the "Nilo-Saharan" hypothesis; and part of the "Mande+Songhai" hypothesis); comprising 1 set of languages (= 5 outer languages) spoken by communities in West and Northwest Africa, along the Middle Niger valley and on the Saharan fringes:</p> <p>01-A SONGHAY+ SAHAQ</p>	<p><i>languages spoken in:</i> Burkina Faso; Mali; Niger; Algeria</p> <p>scale of voices 6</p>	<p>page 47</p>
<p>02= SAHARIC <i>phylozone</i></p>	<p>covers the "Saharan" or "East-Saharan" grouping (part of the "Nilo-Saharan" hypothesis); comprising 3 sets of languages (= 5 outer languages) spoken by communities in northern Central Africa, on the Saharan fringes and oases from the Chad Basin northeastwards:</p> <p>02-A KANURI+ KANEMBU 02-B TUDA+ DAZA 02-C BERI+ BERTI</p>	<p><i>languages spoken in:</i> Chad; Niger; Nigeria; Sudan</p> <p>scale of voices 6</p>	<p>page 48</p>
<p>03= SUDANIC <i>phylozone</i></p>	<p>covers the "Central-Sudanic" grouping (part of the "Nilo-Saharan" hypothesis); comprising 2 sets of languages (= 37 outer languages) spoken by communities in northern Central Africa, from Lake Chad to the Upper Nile:</p> <p>03-A NGAMBAI+ BAKA 03-B MANGBETU+ MORU</p>	<p><i>languages spoken in:</i> Cameroon; Central African Rep.; Chad; Congo-Zaire; Sudan; Uganda</p> <p>scale of voices 6</p>	<p>page 50</p>
<p>04= NILOTIC <i>phylozone</i></p>	<p>covers the "Nilotic" grouping (part of the "East-Sudanic" hypothesis within the "Nilo-Saharan" hypothesis); comprising 3 sets of languages (= 45 outer languages) spoken by communities in Northeast and East Africa, along or near the Nile and Rift valleys:</p> <p>04-A LUO+ NAATH 04-B TESO+ MAASAI 04-C NANDI+ BARABA</p>	<p><i>languages spoken in:</i> Congo-Zaire; Kenya; Sudan; Tanzania; Uganda</p> <p>scale of voices 7</p>	<p>page 56</p>

05= EAST-SAHEL <i>geozone</i>	<p>covers the "East-Sahel" reference area (part of the "Nilo-Saharan" hypothesis); comprising 16 sets of languages (= 57 outer languages) spoken by communities in northern Central & Northeast Africa, near the Saharan fringes:</p> <p>05-A MABA+ MIGE 05-B MIMI 05-C FOR+ ANDANG 05-D TAMA+ MARARIT 05-E SAARONG+ LIGURI 05-F NOBIIN+ TIDNAAL 05-G AMA+ AFITTI 05-H RONGE+ JIRRU 05-I KUFO+ AIGANG 05-J HIGIR+ MOGAREB 05-K BARKA+ ILIT 05-L BAXA* 05-M AKA+ GAAM 05-N BERTHU+ GOBATO 05-O KWAMA+ ANEJ 05-P SURI+ MAJANG</p>	<p><i>languages spoken in:</i> Central African Republic; Chad; Egypt; Eritrea; Ethiopia; Sudan</p> <p>scale of voices 6</p>	<i>page</i> 63
06= KORDOFANIC <i>phylozone</i>	<p>covers the "Kordofanian" grouping (part of the "Congo-Kordofanian", "new Niger-Congo" hypothesis); comprising 4 sets of languages (= 18 outer languages) spoken by communities in Northeast Africa, in and around the Nuba Hills:</p> <p>06-A KALAK+ OMURIKI 06-B TORO+ WARNANG 06-C NGILE+ TALODI 06-D TEGALI+ TAGOI</p>	<p><i>languages spoken in:</i> Sudan</p> <p>scale of voices 5</p>	<i>page</i> 71
07= RIFT-VALLEY <i>geozone</i>	<p>covers the "Rift-Valley" reference area (composed of sets <u>not</u> covered by any phylozone); comprising 4 sets of languages (= 7 outer languages) spoken by hunter-gatherer or former hunter-gatherer communities in Northeast Africa, along the Rift Valley:</p> <p>07-A ONGOTA 07-B ICIE+ SO 07-C HADZA 07-D SANDAWE</p>	<p><i>languages spoken in:</i> Ethiopia; Tanzania; Uganda</p> <p>scale of voices 4</p>	<i>page</i> 74
08= KHOISANIC <i>phylozone</i>	<p>covers the "Central Khoisan" grouping (part of the "wider Khoisan" hypothesis); comprising 2 sets of languages (= 14 outer languages) spoken by herding or hunter-gatherer communities in southwestern Africa, in and around the Kalahari desert:</p> <p>08-A NAMA+ HAINL'UM 08-B KWADI</p>	<p><i>languages spoken in:</i> Angola; Botswana; Namibia; South Africa; Zambia</p> <p>scale of voices 5</p>	<i>page</i> 75
09= KALAHARI <i>geozone</i>	<p>covers the Kalahari reference area (within the "wider Khoisan" hypothesis), composed of the "North-Khoisan" set 09-A plus the remaining sets within the "South-Khoisan" hypothesis; comprising 5 sets of languages (= 14 outer languages) spoken by hunter-gatherer communities in southwestern Africa, in and around the Kalahari desert and Orange basin:</p> <p>09-A XUNG+ Q'O-Q'XUNG 09-B C'WI+ NC'USAN 09-C NC'HU+ L'KUL'E 09-D L'XEGWI+ L'XOGWI 09-E C'XAM+ 'KATKOP*</p>	<p><i>languages spoken in:</i> Angola; Botswana; Lesotho; Namibia; South Africa</p> <p>scale of voices 4</p>	<i>page</i> 78

1= AFRO-ASIAN *phylosector*

pages 81 to 122

<p>This phylosector covers 43 sets of languages (276 outer languages, comprising 683 inner languages) spoken by communities across the northern half of the African continent and in western Asia, constituting the "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity. The component phylozones are numbered in approximate clockwise order, beginning in Northwest Africa.</p> <p>Zones 10= and 11= cover 2 sets of languages spoken or formerly spoken in northern Africa, otherwise known as "Berber" and "Egyptian". Zone 12= covers the set of "Semitic" languages spoken over an extensive area from northwest Africa to southwest and central Asia and northeast Africa: Zones 13= to 16= cover 16 sets of languages spoken in northeast Africa (formerly treated together as "Cushitic"), at the eastern end of the African Fragmentation Belt. Zones 17= to 19= cover 24 sets of languages spoken in the central part of the Fragmentation Belt, constituting three groupings within a wider "Chadic" affinity, which itself forms the most complex component of the "Afro-Asiatic" intercontinental affinity.</p>			
10= TAMAZIC <i>phylozone</i>	<p>Berber, "Tamazic" or Tamasheq+Qabaylith set of languages; part of "Afro-Asiatic" or "Hamito-Semitic" inter-continental affinity; comprising 1 set of languages (= 4 outer languages) spoken by communities in the highlands, oases and urban areas of northern Africa:</p> <p>10-A TAMASHEQ+ QABAYLITH</p>	<p><i>languages spoken in:</i> Algeria; Egypt; Libya; Mali; Mauritania; Morocco; Niger; Tunisia; <i>plus migration</i>> France; Israel</p> <p>scale of voices 7</p>	<i>page</i> 81
11= COPTIC <i>phylozone</i>	<p>covers the "Egyptian" or "Coptic" set, part of the "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity; comprising 1 set (= 1 outer language) formerly and perhaps still spoken by communities in Northeast Africa, along the River Nile; still in liturgical use:</p> <p>11-A 'COPTIC'</p>	<p><i>languages spoken in:</i> Egypt</p> <p>scale of voices 2</p>	<i>page</i> 84
12= SEMITIC <i>phylozone</i>	<p>covers the "Semitic" or 'Aramita+ Amarinya set, part of the "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity; comprising 1 set of languages (= 24 outer languages) spoken by communities in northern and northeastern Africa and western Asia, from the North Atlantic and the Mediterranean to the Black Sea and the Indian Ocean:</p> <p>12-A 'ARAMITA+ AMARINYA</p> <p>including 1 <i>arterial language</i>: 'Arabiyya Mashriqi with 'Arabiyya Maghribi (Eastern Arabic with Western Arabic)</p>	<p><i>languages spoken in:</i> Afghanistan; Algeria; Bahrain; Chad; Comores; Cyprus; Djibouti; Egypt; Eritrea; Ethiopia; Iran; Iraq; Israel; Jordan; Kenya; Kuwait; Lebanon; Libya; Malta; Moldova; Morocco; Oman; Palestine; Qatar; Russia; Saudi Arabia; Senegal; Somalia; Sudan; Syria; Tajikistan; Tanzania; Tunisia; Turkey; Uganda; Ukraine, United Arab Emirates; Uzbekistan; Western Sahara; Yemen; <i>plus worldwide migrations, including France; Sweden...</i></p> <p>scale of voices 8</p>	<i>page</i> 85
13= BEJIC <i>phylozone</i>	<p>covers the Beja, Bedauye or "North Cushitic" set within the "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity (and part of the former "wider Cushitic" hypothesis within that affinity); comprising 1 set (= 1 outer language) spoken by nomadic communities in Northeast Africa, inland from the Red Sea coast:</p> <p>13-A BEDAUYE</p>	<p><i>languages spoken in:</i> Egypt; Eritrea; Sudan</p> <p>scale of voices 6</p>	<i>page</i> 95

14= CUSHITIC <i>phylozone</i>	<p>covers the "Central & East Cushitic" grouping, within the "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity (and part of the former "wider Cushitic" hypothesis within that affinity); comprising 7 sets of languages (= 25 outer languages) spoken by communities in Northeast and East Africa, from the southeastern Sahara through the Horn of Africa to the East African coast:</p> <p>14-A BILIN+ AWNGI 14-B SAHO+ 'AFAR 14-C SIDAAMO+ BURJI 14-D WAZE+ TSAMAKULA 14-E YAAKU 14-F BORENA+ DIRASHAT 14-G SOOMAALI+ DASENACH</p>	<p><i>languages spoken in:</i> Djibouti; Eritrea; Ethiopia; Kenya; Somalia</p> <p>scale of voices 7</p>	<i>page</i> 96
15= EYASIC <i>phylozone</i>	<p>covers the "South Cushitic" or "Paracushitic" grouping within the "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity (and part of the former "wider Cushitic" hypothesis within that affinity); comprising 2 sets of languages (= 6 outer languages) spoken by communities in East Africa, between the Indian Ocean and Lake Eyasi:</p> <p>15-A IRAQW+ MBUGU 15-B GARIMANI</p>	<p><i>languages spoken in:</i> Kenya, Tanzania</p> <p>scale of voices 5</p>	<i>page</i> 101
16= OMOTIC <i>phylozone</i>	<p>covers the "Omotic" or former "West Cushitic" grouping within the "Afro-Asiatic" or "Hamito-Semitic" inter-continental affinity (and part of the former "wider Cushitic" hypothesis within that affinity); comprising 6 sets of languages (= 30 outer languages) spoken by communities in Northeast Africa, in the Omo basin of the western Ethiopian highlands, between Lakes Tana and Turkana:</p> <p>16-A HAMAR+ AARI 16-B WELAITTA+ KAFA 16-C DIZI+ SHEKO 16-D DIDESSA+ MAO-KOOLE* 16-E HOZO+ SEZO 16-F GANZA+ ASOSA</p>	<p><i>languages spoken in:</i> Ethiopia, Sudan</p> <p>scale of voices 6</p>	<i>page</i> 102
17= CHARIC <i>phylozone</i>	<p>covers the "East Chadic" grouping, part of the "Chadic" affinity within the wider "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity; comprising 7 sets of languages (= 41 outer languages) spoken by communities in North Central Africa, in and around the Chari-Logone basin:</p> <p>17-A MUBI+ DANGLA 17-B MOKIL+ MEZIM 17-C SOKORO+ BAREIN 17-D SOMRAI+ MILTU 17-E KWANG+ KERA 17-F MASA+ ZIME 17-G GIDAR+ LAM</p>	<p><i>languages spoken in:</i> Cameroon; Chad</p> <p>scale of voices 5</p>	<i>page</i> 105
18= MANDARIC <i>phylozone</i>	<p>covers the "Biu+ Mandara" or "Central Chadic" grouping, part of the "Chadic" affinity within the wider "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity; comprising 9 sets of languages (= 62 outer languages) spoken by communities in North Central Africa, in and around the Mandara highlands:</p> <p>18-A MUSKUM+ MBARA 18-B LAGWAN+ JINA 18-C MORA+ ZALADAVA 18-D SUKUR 18-E MADA+ MARVA 18-F DABA+ GAVAR 18-G BURA+ PSIKYE 18-H NYIMATLI+ GA'ANDA 18-I GBWATA+ GUDU</p>	<p><i>languages spoken in:</i> Cameroon; Chad; Nigeria</p> <p>scale of voices 6</p>	<i>page</i> 109
19= BAUCHIC <i>phylozone</i>	<p>covers the "West Chadic" grouping, part of the "Chadic" affinity within the wider "Afro-Asiatic" or "Hamito-Semitic" intercontinental affinity; comprising 8 sets of languages (= 82 outer languages) spoken by communities in West Africa, most centered on or around the Bauchi plateau:</p> <p>19-A TANGLE+ DERA 19-B PIKA+ DENO 19-C JALALUM+ PAKARO 19-D NGEZEM+ SAR 19-E SAYA+ GURUNTUM 19-F NGAS+ YIWOM 19-G BOKKOS+ FYEER 19-H HAUSA+ GWANDARA</p>	<p><i>languages spoken in:</i> Niger; Nigeria</p> <p>scale of voices 7</p>	<i>page</i> 117

2= AUSTRALASIA geosector

pages 123 to 224

This geosector covers 223 sets of languages (1162 outer languages, composed of 2258 inner languages) spoken or formerly spoken by communities in Australasia in a geographic sequence from Maluku and the Lesser Sunda islands through New Guinea and its adjacent islands, and throughout the Australian mainland to Tasmania. They comprise all languages of Australasia (Oceania) not covered by phylosectors 3=Austronesian or 5=Indo-European.

Zones 20= to 24= cover all so-called "Papuan" languages, spoken on Maluku and the Lesser Sunda islands and the New Guinea mainland, which have been previously treated within the Trans-New Guinea hypothesis. Zones 25= to 27= cover all other so-called "Papuan" languages, on the New Guinea mainland, Bismarck archipelago, New Britain, New Ireland and Solomon islands, which have not been treated within the Trans-New Guinea hypothesis. Zones 28= to 29= cover all languages spoken traditionally across the Australian mainland, on the offshore Elcho, Howard, Crocodile and Torres Strait islands (excluding Darnley island), and formerly on the island of Tasmania.

<p>20= ARAFURA <i>geozone</i></p>	<p>covers the "Arafura+ Torres" reference area (within the "Trans-New Guinea" hypothesis); comprising 26 sets of languages (= 104 outer languages) spoken by communities on the Alor, Timor, Leti, and Maluku islands, in southern New Guinea and on the Torres Strait islands:</p> <table border="0"> <tr> <td>20-A LAMMA+ KELON</td> <td>20-B TANGLAPUI</td> <td>20-C KOLANA+ ADABE</td> </tr> <tr> <td>20-D BUNAK</td> <td>20-E FATALUKU</td> <td>20-F MAKUA</td> </tr> <tr> <td>20-G OIRATA</td> <td>20-H PURAGI+ TOMU</td> <td>20-I KONDA+ YAHADIAN</td> </tr> <tr> <td>20-J RIANTANA+ NDOM</td> <td>20-K YELMEK+ MAKLEW</td> <td>20-L NAMBU+ YEI</td> </tr> <tr> <td>20-M IDI+ WAIA</td> <td>20-N TIRIO+ LEWADA</td> <td>20-O BITURI+ KUPERE</td> </tr> <tr> <td>20-P KIWAI+ KEREWU</td> <td>20-Q IPIKO</td> <td>20-R MINANIBAI+ MAHIGI</td> </tr> <tr> <td>20-S PURARI+ IAI</td> <td>20-T OPAO+ UARIPI</td> <td>20-U TATE</td> </tr> <tr> <td>20-V IKOBI+ OMATI</td> <td>20-W KAIRI</td> <td>20-X FIWAGA+ FOI</td> </tr> <tr> <td>20-Y FOLOPA+ DADIBI</td> <td>20-Z PAWAIA+ AURAMA</td> <td></td> </tr> </table>	20-A LAMMA+ KELON	20-B TANGLAPUI	20-C KOLANA+ ADABE	20-D BUNAK	20-E FATALUKU	20-F MAKUA	20-G OIRATA	20-H PURAGI+ TOMU	20-I KONDA+ YAHADIAN	20-J RIANTANA+ NDOM	20-K YELMEK+ MAKLEW	20-L NAMBU+ YEI	20-M IDI+ WAIA	20-N TIRIO+ LEWADA	20-O BITURI+ KUPERE	20-P KIWAI+ KEREWU	20-Q IPIKO	20-R MINANIBAI+ MAHIGI	20-S PURARI+ IAI	20-T OPAO+ UARIPI	20-U TATE	20-V IKOBI+ OMATI	20-W KAIRI	20-X FIWAGA+ FOI	20-Y FOLOPA+ DADIBI	20-Z PAWAIA+ AURAMA		<p><i>languages spoken in:</i> Indonesia; East Timor; Papua New Guinea; Australia</p> <p>scale of voices 4</p>	<p>page 123</p>
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<p>21= MAMBERAMO <i>geozone</i></p>	<p>covers the "Mamberamo" reference area (within the "Trans-New Guinea" hypothesis); comprising 22 sets of languages (= 78 outer languages) spoken by communities centered on the Mamberamo Basin in New Guinea:</p> <table border="0"> <tr> <td>21-A TURU+ KIRIKIRI</td> <td>21-B BARUA+ SIKARI</td> <td>21-C TAWORTA+ FOAU</td> </tr> <tr> <td>21-D BERIK+ KWESTEN</td> <td>21-E MAWES</td> <td>21-F ORYA</td> </tr> <tr> <td>21-G AWYI+ TAIKAT</td> <td>21-H WARIS+ MANEM</td> <td>21-I PAGI+ KILMERI</td> </tr> <tr> <td>21-J NIMBORAN+ GRESI</td> <td>21-K MORWAP</td> <td>21-L SAUSE</td> </tr> <tr> <td>21-M KAPORI</td> <td>21-N KAURE+ NARAU</td> <td>21-O MOLOF</td> </tr> <tr> <td>21-P USKU</td> <td>21-Q TOFAMNA</td> <td>21-R UNA+ SIRKAI</td> </tr> <tr> <td>21-S DUBU+ TOWEI</td> <td>21-T YAFI+ EMUMU</td> <td>21-U ANGOR+ MENGAU</td> </tr> <tr> <td>21-V OKSAPMIN</td> <td></td> <td></td> </tr> </table>	21-A TURU+ KIRIKIRI	21-B BARUA+ SIKARI	21-C TAWORTA+ FOAU	21-D BERIK+ KWESTEN	21-E MAWES	21-F ORYA	21-G AWYI+ TAIKAT	21-H WARIS+ MANEM	21-I PAGI+ KILMERI	21-J NIMBORAN+ GRESI	21-K MORWAP	21-L SAUSE	21-M KAPORI	21-N KAURE+ NARAU	21-O MOLOF	21-P USKU	21-Q TOFAMNA	21-R UNA+ SIRKAI	21-S DUBU+ TOWEI	21-T YAFI+ EMUMU	21-U ANGOR+ MENGAU	21-V OKSAPMIN			<p><i>languages spoken in:</i> Indonesia; Papua New Guinea</p> <p>scale of voices 4</p>	<p>page 133</p>			
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<p>22= MANDANGIC <i>phylozone</i></p>	<p>covers the "Madang-Adelbert" grouping (part of the "Trans-New Guinea" hypothesis); comprising 23 sets of languages (= 101 outer languages) spoken by communities around the Madang-Adelbert Range in New Guinea:</p> <table border="0"> <tr> <td>22-A IKUNDUN+ KATIATI</td> <td>22-B PAYNAMAR</td> <td>22-C NEND+ ATEMBLE</td> </tr> <tr> <td>22-D APAL+ MUSAK</td> <td>22-E BIYOM+ FAITA</td> <td>22-F PILA+ TANI</td> </tr> <tr> <td>22-G MAUWAKE+ HINIHOH</td> <td>22-H ABASAKUR+ KOGUMAN</td> <td>22-I USAN+ PARAWEN</td> </tr> <tr> <td>22-J AMAIMON</td> <td>22-K WASKIA+ KORAK</td> <td>22-L BUNABUN+ MALAS</td> </tr> <tr> <td>22-M DIMIR</td> <td>22-N BARGAM</td> <td>22-O KARE</td> </tr> <tr> <td>22-P GARUS+ GIRAWA</td> <td>22-Q GARIA+ URIGINA</td> <td>22-R SAUSI+ DUMPU</td> </tr> <tr> <td>22-S OGEA+ RERAU</td> <td>22-T ANJAM+ SONGUM</td> <td>22-U PULABU+ SIROI</td> </tr> <tr> <td>22-V SAEP+ YABONG</td> <td>22-W WASEMBO</td> <td></td> </tr> </table>	22-A IKUNDUN+ KATIATI	22-B PAYNAMAR	22-C NEND+ ATEMBLE	22-D APAL+ MUSAK	22-E BIYOM+ FAITA	22-F PILA+ TANI	22-G MAUWAKE+ HINIHOH	22-H ABASAKUR+ KOGUMAN	22-I USAN+ PARAWEN	22-J AMAIMON	22-K WASKIA+ KORAK	22-L BUNABUN+ MALAS	22-M DIMIR	22-N BARGAM	22-O KARE	22-P GARUS+ GIRAWA	22-Q GARIA+ URIGINA	22-R SAUSI+ DUMPU	22-S OGEA+ RERAU	22-T ANJAM+ SONGUM	22-U PULABU+ SIROI	22-V SAEP+ YABONG	22-W WASEMBO		<p><i>languages spoken in:</i> Indonesia; Papua New Guinea</p> <p>scale of voices 4</p>	<p>page 140</p>			
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22-S OGEA+ RERAU	22-T ANJAM+ SONGUM	22-U PULABU+ SIROI																												
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<p>23= OWALAMIC <i>phylozone</i></p>	<p>covers the "Owalamic" or "East Trans-New Guinea" grouping (part of the "Trans-New Guinea" hypothesis); comprising 11 sets of languages (= 57 outer languages) spoken by communities, centered on Owen Stanley (including Owalama) Range & Peninsula in eastern New Guinea:</p> <table border="0"> <tr> <td>23-A SUENA+ GUHU-SAMANE</td> <td>23-B FUYUGE+ WERI</td> <td>23-C KOIALI+ BARAI</td> </tr> <tr> <td>23-D KWALE+ HUMENE</td> <td>23-E MULAHA</td> <td>23-F MARIA+ DOROMU</td> </tr> <tr> <td>23-G YAREBA+ MAGI</td> <td>23-H ONJOB</td> <td>23-I DAGA+ MAIWA</td> </tr> <tr> <td>23-J UMANAKAINA</td> <td>23-K GINUMAN+ KANASI</td> <td></td> </tr> </table>	23-A SUENA+ GUHU-SAMANE	23-B FUYUGE+ WERI	23-C KOIALI+ BARAI	23-D KWALE+ HUMENE	23-E MULAHA	23-F MARIA+ DOROMU	23-G YAREBA+ MAGI	23-H ONJOB	23-I DAGA+ MAIWA	23-J UMANAKAINA	23-K GINUMAN+ KANASI		<p><i>languages spoken in:</i> Papua New Guinea</p> <p>scale of voices 5</p>	<p>page 148</p>															
23-A SUENA+ GUHU-SAMANE	23-B FUYUGE+ WERI	23-C KOIALI+ BARAI																												
23-D KWALE+ HUMENE	23-E MULAHA	23-F MARIA+ DOROMU																												
23-G YAREBA+ MAGI	23-H ONJOB	23-I DAGA+ MAIWA																												
23-J UMANAKAINA	23-K GINUMAN+ KANASI																													
<p>24= TRANSIRIANIC <i>phylozone</i></p>	<p>covers the "Transirianic" or "West-Central Trans-New Guinea" grouping (part of the "Trans-New Guinea" hypothesis); comprising 22 sets of languages (= 251 outer languages) spoken by communities spread across New Guinea, from Bomberai Peninsula to Umboi Island:</p> <table border="0"> <tr> <td>24-A MOR</td> <td>24-B BAHAM+ KARAS</td> <td>24-C TANAMERAH+ MER</td> </tr> <tr> <td>24-D WOLA+ UHUNDU</td> <td>24-E DEM</td> <td>24-F ILAGA+ KWERBA</td> </tr> <tr> <td>24-G BUYAKA+ DEMTA</td> <td>24-H KAYGIR+ ATOHWAIM</td> <td>24-I OKABA+ YAQAY</td> </tr> <tr> <td>24-J GOGODALA+ SUKI</td> <td>24-K KAWENAK+ DUNA</td> <td>24-L AUGU+ ENGA</td> </tr> <tr> <td>24-M KALAM+ PINAI</td> <td>24-N MEDLPA+ KUMAN</td> <td>24-O ASARO+ FORE</td> </tr> <tr> <td>24-P USARUFA+ TAIRORA</td> <td>24-Q KENATI</td> <td>24-R SIMBARI+ANGATIHA</td> </tr> <tr> <td>24-S NAHU+ URII</td> <td>24-T TIMBE+ TOBO</td> <td>24-U KATE+ MONGI</td> </tr> <tr> <td>24-V KOVAI</td> <td></td> <td></td> </tr> </table>	24-A MOR	24-B BAHAM+ KARAS	24-C TANAMERAH+ MER	24-D WOLA+ UHUNDU	24-E DEM	24-F ILAGA+ KWERBA	24-G BUYAKA+ DEMTA	24-H KAYGIR+ ATOHWAIM	24-I OKABA+ YAQAY	24-J GOGODALA+ SUKI	24-K KAWENAK+ DUNA	24-L AUGU+ ENGA	24-M KALAM+ PINAI	24-N MEDLPA+ KUMAN	24-O ASARO+ FORE	24-P USARUFA+ TAIRORA	24-Q KENATI	24-R SIMBARI+ANGATIHA	24-S NAHU+ URII	24-T TIMBE+ TOBO	24-U KATE+ MONGI	24-V KOVAI			<p><i>languages spoken in:</i> Indonesia; Papua New Guinea</p> <p>scale of voices 5</p>	<p>page 154</p>			
24-A MOR	24-B BAHAM+ KARAS	24-C TANAMERAH+ MER																												
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24-S NAHU+ URII	24-T TIMBE+ TOBO	24-U KATE+ MONGI																												
24-V KOVAI																														

25= CENDRAWASIH <i>geozone</i>	<p>covers the "Cendrawasih" or "North Central New Guinea" reference area, composed of sets <u>not</u> covered by any phylozone (nor by the "Trans-New Guinea" hypothesis), within the wider reference area of the "Papuan" hypotheses; comprising 25 sets of languages (= 76 outer languages) spoken by communities on Cendrawasih Bay & (Bird's Head) Peninsula, extending from the Halmahera Islands in the west to Central New Guinea in the east:</p> <p>25-A TOBELO+ TERNATE 25-B MOI+KALABRA 25-C ABUN 25-D YACH+ BRAT 25-E MPUR 25-F BORAI+ HATAM 25-G MEAH+ MANTION 25-H AWERA+ SAPONI* 25-I YAWA+ TARAU 25-J TUNGGARE+ BAPU 25-K WAREMBORI 25-L PAUWI 25-M BURMESO 25-N MASSEP 25-O VANIMO+ WARAPU 25-P KWOMTARI+ FAS 25-Q BAIBAI+ NAI 25-R PYU 25-S YURI+ USARI 25-T YADE 25-U BUSA 25-V AMTO+ MUSAN 25-W AMA+ NIMO 25-X POROME+ KIBIRI 25-Y BIBASA*</p>	<p><i>languages spoken in:</i> Indonesia; Papua New Guinea</p> <p>scale of voices 5</p>	<p><i>page</i> 175</p>
26= SEPIK-VALLEY <i>geozone</i>	<p>covers the "Sepik Valley" reference area, coterminous with the "Sepik+ Ramu" hypothesis (less the "Sepik+ Ramu Marginal" sets, see 27-A to 27-F), within the wider reference area of the "Papuan" hypotheses; comprising 22 sets of languages (= 101 outer languages) spoken by communities in Australasia, centered on the Sepik and Lower Ramu valleys in New Guinea:</p> <p>26-A BIKSI 26-B ABAU+ IWAM 26-C NAMIA+ AWUN 26-D BOUYE+ KAMNUM 26-E KALOU+ MAYO 26-F KWANGA+ KWOMA 26-G YERAKAI 26-H AMBULAS+ IATMUL 26-I SANIO+ HEWA 26-J BISIS+ KAPRIMAN 26-K ALAMBLAK+ KANINGRA 26-L MARAMBA 26-M MEKMEK+ BIWAT 26-N MONGOL+ LANGAM 26-O ALFENDIO+ MEAKAMBUT 26-P BOTIN+ ABU 26-Q BANARO 26-R BOREI+ BOSN GUN 26-S KIRE+ MIKAREW 26-T IGOM+ MIDSIVINDI 26-U RAO 26-V ANOR+ AIOME</p>	<p><i>languages spoken in:</i> Papua New Guinea; also Indonesia (Irian Jaya frontier)</p> <p>scale of voices 5</p>	<p><i>page</i> 182</p>
27= BISMARCK-SEA <i>geozone</i>	<p>covers the "East New-Guinea+ Solomons" reference area, within the wider reference area of the "Papuan" hypotheses; comprising 26 sets of languages (= 101 outer languages) spoken by communities in Australasia, centered on the Bismarck Sea and Archipelago, extending from eastern New Guinea through New Britain, New Ireland and North Solomon islands to the Solomon Islands:</p> <p>27-A PAPI+ SUARMIN 27-B WALIO+ PEI 27-C YABIO+ TUWARI 27-D ANGORAM+ CHAMBRI 27-E MURIK+ KOPAR 27-F GAPUN 27-G AUNALEH+ SETA 27-H YIS+ MITANG 27-I BELI+ ARINUA 27-J KOMBIO+ MUHIANG 27-K URIM 27-L MANDI+ BUNA 27-M MONUMBO+ LILAU 27-N ANEM 27-O WASI 27-P KOL+ SUI 27-Q SULKAL 27-R SIMBALI+ MALI 27-S TAULIL+ BUTAM 27-T KUOT 27-U KUNUA+ EIVO 27-V BUIN+ NASIOI 27-W YELE 27-X BILUA+ SAVO 27-Y KAZUKURU 27-Z AYIWO+ NEA</p>	<p><i>languages spoken in:</i> Papua New Guinea; Solomon Islands</p> <p>scale of voices 4</p>	<p><i>page</i> 190</p>
28= NORTH-AUSTRALIA <i>geozone</i>	<p>covers the "North-Australia" reference area (within the "Australian" hypothesis); comprising 21 sets of languages (= 85 outer languages) spoken or formerly spoken by hunter-gatherer communities (or descendants of former hunter-gatherers) across the far-north of Australia:</p> <p>28-A BAADI+ YAWURU 28-B BUNABA+ GUNIANDI 28-C WORORA+ NGARINYIN 28-D KITJA+ MIRIWUNG 28-E DJAMINDJUNG+ NUNGALI 28-F MURRINHPATHA+ NANGIOMERI* 28-G KUNGARAKANY 28-H LARAGIA+ WULNA 28-I TIWI 28-J UMBUGARLA+ BUGUNIDJA* 28-K GAGADU 28-L ERRE+ MANGERR 28-M IWAIDJA+ AMARAG 28-N DJEEBBANA+ GUJINGALIA 28-O WAGEMAN+ GUNWINGGU 28-P ANINDILYAKWA 28-Q ALAWA+ GARYIMAR 28-R YANYUWA 28-S JINGILI+ WAMBAYA 28-T GARAWA+ WANJI 28-U MINGIN</p>	<p><i>languages spoken in:</i> Australia (N.T.; W.A.; Queensland)</p> <p>scale of voices 3</p>	<p><i>page</i> 198</p>
29= TRANS-AUSTRALIA <i>geozone</i>	<p>covers the "Transaustralia" reference area, composed of the "Pama-Nyungan" hypothesis (sets 29-A to 29-X, within the wider "Australian" hypothesis) plus the "Tasmanian" notional set of extinct languages (29-Y); together comprising a total of 25 sets of languages (= 213 outer languages) spoken or formerly spoken by small hunter-gatherer communities, originally occupying the whole of Australia and Tasmania (except the far-north, covered by geozone 28=):</p> <p>29-A DJAMBARR+ DJINANG 29-B WARLPURI+ PITJANTJA 29-C ARABANA+ YARLI 29-D MURUWARI 29-E BAAGANDJI+ MARAWARA* 29-F NGARINYERI+ YITHAYITHA 29-G WUURONG+ KOLAKNGAT 29-H NULIT+ THANG 29-I DHUDOROA 29-J PALLANGAN-MIDDANG 29-K YOTA+ YABULA 29-L WIRADHURI+ GAMILA 29-M THAWA+ WORIMI 29-N GUMBAYNGGIR+ YAYGIR 29-O BANDJALANG+ YUGUM 29-P YAGARA+GOWAR 29-Q WAGA+ GABI 29-R MARGANY+ MUNGKAN 29-S GALIBAMU 29-T LARDIL+ JAKULA 29-U KALKUTUNG+ YALARNNGA 29-V WAGAYA+ WARLUWARA 29-W WARUMUNGU 29-X ARANDA+ GAIDIDJ 29-Y MARRAWAH+ KAOOTA*</p>	<p><i>languages spoken in:</i> Australia</p> <p>scale of voices 4</p>	<p><i>page</i> 205</p>

3= AUSTRONESIAN *phylosector*

pages 225 to 330

<p>This phylosector covers 72 sets of languages (1,179 outer languages, comprising 3,182 inner languages) spoken by predominantly island-dwelling communities, located from the western Indian Ocean to the eastern Pacific and constituting the Austronesian intercontinental affinity. They extend more than half-way around the planet (eastwards from 43° E to 109° W), and have also been associated with the languages of phylozone 47=Daic, within the "Austro-Tai" hypothesis.</p> <p>Zone 30= covers languages spoken on the island of Taiwan (Formosa), and zone 31= covers languages spoken by communities situated on most of the islands from the Philippines and the Celebes through Java, Southeast Asia (including Hainan island in China), Borneo and Sumatra to Madagascar. Zones 32= to 39= cover languages spoken on most of the islands from the Nusa Tenggara archipelago through New Guinea and across the Pacific, as far as New Zealand / Aotearoa, French Polynesia and Hawaii.</p>			
30= TAIWANIC <i>phylozone</i>	<p>covers the "Formosan" grouping, part of the "Austronesian" intercontinental affinity; comprising 11 sets of languages (= 24 outer languages) spoken by communities on Taiwan island (Formosa):</p> <p>30-A SQOLEQ+ SEDEQ 30-B BASAY+ KAVA* 30-C SAISIYAT+ TAOKAS 30-D THAO 30-E TSOU+ KANABU 30-F HOANYA+ SIRAYA* 30-G PAIWAN 30-H RUKAI 30-I BUNUN+ BUKUN 30-J PIYUMA+ PIMAMBA 30-K AMIS+ NATAORAN</p>	<p><i>languages spoken in:</i> China (Taiwan)</p> <p>scale of voices 5</p>	<i>page</i> 225
31= HESPERONESIC <i>phylozone</i>	<p>covers the "Hesperonesian" grouping, part of the "Austronesian" intercontinental affinity; comprising 18 sets of languages (= 462 outer languages) spoken by communities from western Pacific to Indian Ocean, on most islands from Philippines and Celebes through Java, mainland Southeast Asia, Hainan, Borneo and Sumatra to Madagascar:</p> <p>31-A ARTA* 31-B DITAYLIN+ KABALUWEN* 31-C TAGALOG+ ILOCANO 31-D BLAAN+ GIANGAN 31-E SAMA+ BAJAW 31-F IDA'AN+ BAGAHAK 31-G TAMBANUA+ SUMAMBUQ 31-H LUNDAYE+ KELABIT 31-I BINTULU+ BURUSU 31-J MODANG+ TUBU 31-K JAGOI+ AHE* 31-L MAANYAN+ MERINA 31-M MALAYU+ CHAM 31-N BUGIS+ GORONTALO 31-O SANGIR+ TONDANO 31-P PALAU 31-Q YAP 31-R CHAMORRO</p> <p>including 3 <i>arterial languages</i>: [31-C] Tagalog (Filipino); [31-M] Malayu (Malay) with Indonesian; [31-M] Jawa (Javanese)</p>	<p><i>languages spoken in:</i> Brunei; Cambodia; Guam; Indonesia; Madagascar, Malaysia; Micronesia; New Caledonia / Kanaky; Northern Mariana Islands; Philippines; Singapore; Sri Lanka; Thailand; Vietnam; <i>with migration to</i> Surinam; French Guiana</p> <p>scale of voices 8</p>	<i>page</i> 230
32= MESONESIC <i>phylozone</i>	<p>covers the "Mesonesian" grouping, part of the "Austronesian" intercontinental affinity; comprising 5 sets of languages (= 136 outer languages) spoken by communities in Oceanic Asia & Australasia, on islands of the Nusa Tenggara and Maluku archipelagos:</p> <p>32-A BIMA+ SUMBA* 32-B TETUN+ SIKKA* 32-C WAIMA'A+ HABU* 32-D YAMDENA+ TELUTI 32-E RANA+ FAGUDU</p>	<p><i>languages spoken in:</i> Indonesia (Nusa Tenggara; Maluku), East Timor</p> <p>scale of voices 6</p>	<i>page</i> 272
33= HALMAYAPENIC <i>phylozone</i>	<p>covers the "Halmahera+ Yapen", Makian+ Biak set, part of the "Austronesian" intercontinental affinity; comprising 1 set of languages (= 42 outer languages) spoken by communities in Oceanic Asia / Australasia, from Halmahera island in Maluku to Yapen island in Irian Jaya:</p> <p>33-A MAKIAN+ BIAK</p>	<p><i>languages spoken in:</i> Indonesia (Maluku; Irian Jaya)</p> <p>scale of voices 5</p>	<i>page</i> 283

34= NEOGUINEIC <i>phylozone</i>	covers the "Northeast New Guinea" reference area, part of the "Oceanic" affinity within the "Austronesian" intercontinental affinity; comprising 7 sets of languages (= 173 outer languages) spoken by communities in Australasia, on the northeast mainland of New Guinea: 34-A SOBEI+ YOTAFI 34-B TAKIA+ BUKAUA 34-C ADZERA+ SILISILI 34-D BUANG+ PIU 34-E KOSIRAVA+ UIAKU 34-F DOBU+ UBIR 34-G MOTU+ MEKEO	<i>languages spoken in:</i> Indonesia; Papua New Guinea scale of voices 5	<i>page</i> 287
35= MANUSIC <i>phylozone</i>	covers the "Manus+ New-Britain" reference area, part of the "Oceanic" affinity within the "Austronesian" intercontinental affinity; comprising 9 sets of languages (= 82 outer languages) spoken by communities in Australasia, on Manus, New Ireland, New Britain and other adjacent islands of Papua New Guinea: 35-A WUVULU+ SEIMAT 35-B SISI+ BALUAN 35-C TUNGAG+ KUANUA 35-D NAKANAI+ VITU 35-E LAMOGAI+ AMARA* 35-F SOLONG+ AVAU* 35-G KAPORE+ MANGSENG* 35-H MAENG+ UVOL* 35-I TUMOIP	<i>languages spoken in:</i> Papua New Guinea scale of voices 5	<i>page</i> 301
36= SOLOMONIC <i>phylozone</i>	covers the "Solomonic" grouping, part of the "Oceanic" affinity within the "Austronesian" intercontinental affinity; comprising 6 sets of languages (= 45 outer languages) spoken by communities in Australasia, on islands of the Solomon archipelago: 36-A NEHAN+ PIRIPEL 36-B HALIA+ MONO 36-C VAGHUA+ BABATANA 36-D ROVIANA+ MAROVO 36-E KOKOTA+ ZABANA 36-F AMBA+ VANO	<i>languages spoken in:</i> Papua-New Guinea (North Solomons province); Solomon Islands scale of voices 4	<i>page</i> 308
37= KANAKIC <i>phylozone</i>	covers the "Kanaky" (or "Neo-Caledonian" grouping), part of the "Oceanic" affinity within the "Austronesian" intercontinental affinity; comprising 4 sets of languages (= 39 outer languages) spoken by communities in Australasia, on the islands of Vanuatu and New Caledonia / Kanaky (including Loyauté islands): 37-A URA+ ANEITYUM 37-B BELEP+ JAWE 37-C AJIE+ DUBEA 37-D DEHU+ IAAI	<i>languages spoken in:</i> Vanuatu; New Caledonia / Kanaky scale of voices 4	<i>page</i> 312
38= WEST-PACIFIC <i>phylozone</i>	covers the "Caroline+ Vanuatu" grouping, part of the "Oceanic" affinity within the "Austronesian" intercontinental affinity; comprising 8 sets of languages (= 119 outer languages) spoken by communities in Australasia, on islands of the Pacific from the Caroline (and formerly also Mapia) islands to Vanuatu: 38-A TRUK+ PONAPE 38-B KUSAIE 38-C EBON 38-D KIRIBATI 38-E NAURU 38-F GELA+ GHARI 38-G KWARA'AE+ KAHUA 38-H HIW+ NASARIAN	<i>languages spoken in:</i> Micronesia; Solomon Islands; Kiribati; Tuvalu; Nauru; Vanuatu; formerly also Indonesia (Irian Jaya) scale of voices 5	<i>page</i> 316
39= TRANSPACIFIC <i>phylozone</i>	covers the "Transpacific" grouping, part of the "Oceanic" affinity within the "Austronesian" intercontinental affinity; comprising 3 sets of languages (= 57 outer languages) spoken by communities in Australasia, on islands across the Pacific Ocean from the Caroline Islands to Hawaii and Easter Island: 39-A ROTUMA 39-B BAU+NADROGA 39-C NUKUORO+RAPANUI	<i>languages spoken in:</i> Chile (Easter Island), Fiji, Micronesia, New Caledonia / Kanaky, Samoa, New Zealand / Aotearoa, Papua New Guinea, Solomon Islands, Tokelau, Tuvalu, Vanuatu, Wallis & Futuna, and USA (Hawaii) scale of voices 5	<i>page</i> 325

4= EURASIA geosector

pages 331 to 385

<p>This geosector covers 35 sets of languages (= 219 outer languages, comprising 680 inner languages) spoken by communities across Eurasia, from western Europe to eastern Asia. These sets comprise all indigenous languages of Eurasia (Europe plus continental Asia, including the islands of India and Japan) which are excluded from the phylosectors 1=Afro-Asian, 5=Indo-European and 7=Sino-Tibetan.</p> <p>Zone 40= covers one outer language, spoken inland from the Bay of Biscay in western Europe, astride the western Pyrenees mountains. Zones 41= and 42= cover languages spoken in central and eastern Europe, including the Caucasus. Zones 43= to 45= cover northern and central Asia, from Siberia to Turkey and Japan, with some overlap into Europe (zone 44= corresponds to the area of the "Altaic" hypothesis, and with zone 45= to the "wider Altaic" hypothesis). Zones 46= to 49= cover southern continental Asia (extending to Southeast Asia and the islands of India); zone 46= covers all southern Asian languages which are <u>not</u> included under the "Daic" affinity (zone 47=), the "Miao+Yao" set (zone 48=) or the "Dravidian" grouping (zone 49=), or under any phylosector.</p>			
<p>40= EUSKARIC <i>phylozone</i></p>	<p>covers "Basque" or "Euskarian" isolated set; comprising 1 set of 1 outer language spoken by communities in maritime western Europe, situated across the western end of the Pyrenees mountain-range:</p> <p>40-A EUSKARA</p>	<p><i>languages spoken in:</i> Spain; France; <i>with migration to</i> Argentina; Chile; Costa Rica; Mexico; Uruguay; USA</p> <p>scale of voices 5</p>	<p>page 331</p>
<p>41= URALIC <i>phylozone</i></p>	<p>covers the "Uralic" grouping, including the narrower "Finno-Ugric" grouping (41-A & 41-B); comprising 3 sets of languages (= 16 outer languages) spoken by communities in geographically separated areas of central, northern and eastern Europe:</p> <p>41-A SUOMI+ KOMI 41-B MAGYAR+ KHANTY 41-C NENETS+ SELKUP</p>	<p><i>languages spoken in:</i> Austria; Croatia; Estonia; Finland; Hungary; Lithuania; Moldova; Norway; Romania; Russian Federation; Slovakia; Slovenia; Sweden; Ukraine; Yugoslavia; <i>with migrations to</i> Canada; USA</p> <p>scale of voices 7</p>	<p>page 333</p>
<p>42= CAUCASUS <i>geozone</i></p>	<p>covers the Caucasus reference area, including the "Caucasian"-N. grouping (sets 42-A & 42-B); comprising 3 sets of languages (= 20 outer languages) spoken by communities in and around the Caucasus mountains of eastern Europe:</p> <p>42-A ADYGHE+ ABKHAZ 42-B NOXCHIIN+ AVAR 42-C KARTHULI+ SVANURI</p>	<p><i>languages spoken in:</i> Azerbaijan; Georgia; Iran; Kazakhstan; Turkey; Russian Federation (Adygei Rep.; Chechnya; Kabardia-Balkaria; Karachay-Cherkes; Ossetia; Russia)</p> <p>scale of voices 6</p>	<p>page 338</p>
<p>43= SIBERIA <i>geozone</i></p>	<p>covers the "East-Siberian" or so-called "Paleo-Siberian" reference area, composed of sets <u>not</u> covered by any phylozone; comprising 4 sets of languages (= 11 outer languages) spoken by communities in northern Asia, scattered across eastern Siberia from the Arctic Ocean to the Sea of Okhotsk:</p> <p>43-A KET+ YUGH 43-B NIVKH 43-C CHUKOT+ ITELMEN 43-D ODUL+ CHUVANTSY</p>	<p><i>languages spoken in:</i> Russian Federation</p> <p>scale of voices 4</p>	<p>page 343</p>
<p>44= TRANSASIA <i>geozone</i></p>	<p>covers the "Turkic+ Manchurian" or "Altaic" reference area and hypothesis, part of the "wider Altaic" hypothesis (with languages of geozone 45=); comprising 3 sets of languages (= 16 outer languages) spoken by communities in Eurasia, from the European Balkans to Manchuria:</p> <p>44-A TÜRKÇE+ CHUVASH 44-B BURYAT+ DONGXIANG 44-C EVEN+ MANCHU</p> <p>including 1 <i>arterial language</i>: [44-A] Türkçe (Turkish) + Azeri & Turkmen</p>	<p><i>languages spoken in:</i> Azerbaijan; Afghanistan; Bulgaria; China; Cyprus; Georgia; Germany; Greece; Iran; Kazakhstan; Kirghizstan; Lithuania; Macedonia; Moldova; Mongolia; Romania; Russian Federation; Syria; Tajikistan; Turkey; Turkmenistan; Ukraine; Uzbekistan; Yugoslavia</p> <p>scale of voices 7</p>	<p>page 345</p>

<p>45= EAST-ASIA <i>geozone</i></p>	<p>covers the "East-Asia" reference area, composed of sets <u>not</u> covered in any phylozone, part of the "wider Altaic" hypothesis (with languages of geozone 44=); comprising 3 sets of languages (= 12 outer languages) spoken by communities around the Sea of Japan, mainly on the Korean peninsula and the Japanese archipelago:</p> <p>45-A HANKUKMAL+ CHEJUMAL 45-B EZO+ KURILE 45-C NIHONGO+ OKINAWAGO</p> <p>including 2 <i>arterial languages</i>: [45-A] Hankukmal (Korean); [45-C] Nihongo (Japanese)</p>	<p><i>languages spoken in:</i> North Korea; South Korea and Japan, <i>with migration to Brazil</i>; China; China/Taiwan; Russia; Uzbekistan; Kazakhstan; USA; <i>etc.</i></p> <p>scale of voices 8</p>	<p>page 353</p>
<p>46= SOUTH-ASIA <i>geozone</i></p>	<p>covers the "South-Asia" reference area of languages <u>not</u> covered in any phylozone, including the Mon+ Khmer grouping (46-D to 46-G; and also the broader "Austro-Asiatic" hypothesis = 46-C to 46-G, and perhaps also 46-B); comprising 11 sets of languages (= 85 outer languages) spoken by communities situated in South and Southeast Asia, from the western Himalayas to the Nicobar and Andaman islands and the South China Sea:</p> <p>46-A BURUSHASKI+ WERSHIKWAR 46-B NIHALI* 46-C SANTALI+ SORA 46-D KHASI+ KHAMANG 46-E VIÊT+ MUONG 46-F KHMAE+ KATU 46-G MON+ SEMAI 46-H TAIHLONG+ MILO 46-I AKACARI+ AKAJERU* 46-J APUCIKWAR+ AKABEA* 46-K JARAWA+ ONGE*</p> <p>including 1 <i>arterial language</i>: [46-E] Viêt (Vietnamese)</p>	<p><i>languages spoken in:</i> Bangladesh; Bhutan; Burma; Cambodia; China; India; Laos; Malaysia; Nepal; Pakistan; Thailand; Vietnam</p> <p>scale of voices 7</p>	<p>page 358</p>
<p>47= DAIC <i>phylozone</i></p>	<p>covers the "Daic", "wider Kadai" or Thai+ Gelao set, part of the "Austro-Tai" hypothesis (with languages of phylosector 3=Austronesian); comprising 1 set of languages (= 26 outer languages) spoken by communities in Southeast Asia, from northeastern India to southwestern China:</p> <p>47-A THAI+ GELAO</p> <p>including 1 <i>arterial language</i>: Thai with Isan & Lao</p>	<p><i>languages spoken in:</i> Burma; Cambodia; China; Laos; India; Thailand; Vietnam</p> <p>scale of voices 7</p>	<p>page 372</p>
<p>48= MIENIC <i>phylozone</i></p>	<p>covers the "Miao+ Yao" or Hsiangsi+ Iumien set; comprising 1 set of languages (= 8 outer languages) spoken by communities in Southeast Asia, from Burma to southwestern China:</p> <p>48-A HSIANGSI+ IUMIEN</p>	<p><i>languages spoken in:</i> Burma; China; Laos; Thailand; Vietnam</p> <p>scale of voices 6</p>	<p>page 377</p>
<p>49= DRAVIDIC <i>phylozone</i></p>	<p>covers the "Dravidian" grouping; comprising 5 sets (= 24 outer languages) spoken by communities throughout South Asia, from Afghanistan to Sri Lanka:</p> <p>49-A BRA'UIDI 49-B KURUKH+ MALTO 49-C KOLAMI+ PARJI 49-D TELUGU+ KUYI 49-E TAMIL+ TULU</p> <p>including 2 <i>arterial languages</i>: [49-D] Telugu; [49-E] Tamil</p>	<p><i>languages spoken in:</i> <i>primarily</i> India; <i>also</i> Afghanistan; Bangladesh; Malaysia; Nepal; Pakistan; Sri Lanka</p> <p>scale of voices 8</p>	<p>page 379</p>

5= INDO-EUROPEAN phylosector

pages 385 to 477

<p>This phylosector covers 10 sets of languages (= 150 outer languages, comprising 873 inner languages) spoken traditionally by communities across much of Eurasia, from Iceland and the British Isles in the northwest to Sri Lanka in the south, constituting the Indo-European intercontinental affinity. During the last half millennium, languages of this phylosector (principally from zones 51=, 52=, 53= and 59=) have spread to all other continents of the world, and across northern Asia, and over half the world's population now speaks a language from this phylosector (as either primary or alternate voices).</p> <p>Zones 50= to 57= cover languages traditionally spoken in Europe, and 58= to 59= cover languages traditionally spoken in western and southern Asia. Zones are arranged in the approximate geographic order of their traditional areas in Eurasia, moving from northwestern Europe to southern Asia, and this order has no implication for prehistorical reconstructions.</p>			
<p>50= CELTIC <i>phylozone</i></p>	<p>covers the "Celtic", "Gaelic+ Welsh" or Gaeilge+ Cymraeg set, part of the "Indo-European" intercontinental affinity; comprising 1 set of languages (= 5 outer languages) spoken by communities in insular and maritime northwestern Europe, from the Hebridean islands to the Brittany peninsula:</p> <p>50-A GAEILGE+ CYMRAEG</p>	<p><i>languages spoken in:</i> France (Bretagne); Ireland; Man; United Kingdom (Scotland; Wales; Northern Ireland); <i>with migrations to</i> Argentina; Australia; Canada; USA</p> <p>scale of voices 6</p>	<p>page 385</p>
<p>51= ROMANIC <i>phylozone</i></p>	<p>covers the "Romance" or Italiano+ Româneasca set, part of the "Indo-European" intercontinental affinity; comprising 1 set of languages (= 30 outer languages) spoken traditionally by communities throughout southern Europe, from Portugal to Moldova, with extensions to all other continents of the world:</p> <p>51-A ITALIANO+ ROMÂNEASCA</p> <p>including 4 <i>arterial languages</i>: Español (Spanish); Português (Portuguese); Français (French); Italiano (Italian)</p>	<p><i>languages spoken in:</i> Albania; Algeria; Andorra; Angola; Argentina; Belgium; Belize; Benin; Bolivia; Bosnia; Brazil; Bulgaria; Burkina Faso; Central African Rep.; Cambodia; Cameroon; Canada; Cape Verde; Chad; Channel Islands; Chile; China; Colombia; Comoro Islands; Congo; Congo-Zaire; Costa Rica; Croatia; Cuba; Côte d'Ivoire; Djibouti; Dominican Rep.; East Timor; Ecuador; Egypt; El Salvador; Equatorial Guinea; France; French Guiana; French Polynesia; Gabon; Greece; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Haiti; Honduras; India; Indonesia; Israel; Italy (Val d'Aost); Laos; Lebanon; Macedonia; Madagascar; Malaysia; Mali; Martinique; Mauritania; Mauritius; Mexico; Moldova; Monaco; Morocco; Netherlands West Indies.; New Caledonia / Kanaky; Nicaragua; Niger; Panama; Paraguay; Peru; Philippines; Portugal; Romania; Ruanda; Réunion; San Marino; Senegal; Seychelles; Singapore; Slovenia; Spain; Sri Lanka; St.Lucia; Switzerland; Togo; Trinidad; Tunisia; Turkey; USA; Ukraine; Uruguay; Vatican; Vanuatu; Venezuela; Vietnam; Virgin Islands; Wallis & Futuna; Western Sahara</p> <p>scale of voices 8</p>	<p>page 390</p>
<p>52= GERMANIC <i>phylozone</i></p>	<p>covers the "Germanic" or Norsk+ Frysk set, part of the "Indo-European" intercontinental affinity; comprising 1 set of languages (= 25 outer languages) spoken traditionally by communities in Europe, extending from Iceland to eastern Europe, with extensions to all other continents of the world:</p> <p>52-A NORSK+ FRYSK</p> <p>including 2 <i>arterial languages</i>: English; Deutsch (German)</p>	<p><i>English is represented by communities of primary and/or alternate speakers and learners in virtually every country in the world. Other Germanic languages (of which German is the most widely distributed) are spoken in:</i> Argentina; Australia; Austria; Bahamas; Belgium; Bolivia; Brazil; Canada; Colombia; Czech Rep.; Denmark; Estonia; Faroe Islands; Finland; France; Germany; Hungary; Iceland; Italy; Lesotho; Liechtenstein; Lithuania; Luxemburg; Mexico; Namibia; Netherlands; Netherlands West Indies; Norway; Poland; Russia; Slovakia; Slovenia; South Africa; Surinam; Swaziland; Sweden; Switzerland; USA; Ukraine; Uruguay</p> <p>scale of voices 9</p>	<p>page 411</p>

53= SLAVIC <i>phylozone</i>	covers the "Slavonic" or Slovenčina+ Slovensko set, part of the "Balto-Slavic" grouping within the "Indo-European" intercontinental affinity; comprising 1 set of languages (= 8 outer languages) spoken by communities in eastern Europe and northern Asia, from the Alps to the Bering Sea: 53-A SLOVENČINA+ SLOVENSKO including 2 <i>arterial languages</i> : <i>Ruskiy (Russian); Ukrainska (Ukrainian) with Belarusskaya (Belarussian)</i>	<i>languages spoken in:</i> Albania; Armenia; Austria; Azerbaijan; Belarus; Bosnia; Bulgaria; Croatia; Czech Rep.; Estonia; Georgia; Greece; Italy; Kazakhstan; Latvia; Lithuania; Macedonia; Moldova; Poland; Romania; Russian Fed.; Slovenia; Turkmenistan; Ukraine; Uzbekistan; Yugoslavia; <i>with migrations to Canada; USA; Israel; Australia</i> scale of voices 8	<i>page</i> 440
54= BALTIC <i>phylozone</i>	covers the "Baltic", "Latvian+ Lithuanian" or Lietuviškai+ Latviašu set, part of the "Balto-Slavic" grouping within the "Indo-European" intercontinental affinity; comprising 1 set of languages (= 3 outer languages) spoken by communities in Europe, on the southern coast of the Baltic Sea: 54-A LIETUVIŠKAI+ LATVIAŠU	<i>languages spoken in:</i> Latvia; Lithuania; <i>with migration to Canada; USA...; and deportation to Russia (Siberia); Kazakhstan</i> scale of voices 6	<i>page</i> 447
55= ALBANIC <i>phylozone</i>	covers the "Albanian" or Shqip set, part of the "Indo-European" intercontinental affinity; comprising 1 set of 1 outer language spoken by communities in the western Balkans, with an extension across the Adriatic to the Italian peninsula: 55-A SHQIP	<i>languages spoken in:</i> Albania; Greece; Macedonia; Yugoslavia; <i>with an extension to Italy; and migration to Croatia; Turkey; Ukraine</i> scale of voices 6	<i>page</i> 448
56= HELLENIC <i>phylozone</i>	covers the "Greek", "Hellenic" or Helleniki+ Tsakonia set of languages, part of the "Indo-European" intercontinental affinity; comprising 1 set of languages (= 2 outer languages) spoken by communities in southeastern Europe and around the eastern Mediterranean, with international migration: 56-A HELLENIKI+ TSAKONIA	<i>languages spoken in:</i> Greece; Cyprus; Albania; Bulgaria; <i>formerly Turkey; with migration to USA; Germany; United Kingdom; France; Canada; Poland; Ukraine; Russia; Kazakhstan; Italy</i> scale of voices 7	<i>page</i> 449
57= ARMENIC <i>phylozone</i>	covers the "Armenian" or Hayeren set, part of the "Indo-European" intercontinental affinity; comprising 1 set of 1 outer language spoken by communities in eastern Europe, in the valleys around Lake Sevan and in a former extension from the Mediterranean coast of Cilicia to the Caspian Sea, with worldwide migration: 57-A HAYEREN	<i>languages spoken in:</i> Armenia; Azerbaijan; <i>with migration in Egypt; France; Georgia; Iran; Iraq; Lebanon; Russia; Syria; Turkey; Ukraine; USA</i> scale of voices 6	<i>page</i> 451
58= IRANIC <i>phylozone</i>	covers the "Iranian" or Farsi+ Pashto set, part of the "Indo-Iranian" grouping within the "Indo-European" intercontinental affinity; comprising 1 set of languages (= 26 outer languages) spoken by communities in southwestern and central Asia: 58-A FARSI+ PASHTO	<i>languages spoken in:</i> Afghanistan; Armenia; Azerbaijan; China; India; Iran; Iraq; Kirghizstan; Lebanon; Oman; Pakistan; Russia; Syria; Tajikistan; Turkmenistan; Turkey; Uzbekistan scale of voices 7	<i>page</i> 452
59= INDIC <i>phylozone</i>	covers the "Indic", "Indo-Aryan" or Hindi+ Domari set of languages, part of the "Indo-Iranian" grouping within the "Indo-European" intercontinental affinity; comprising 1 set of languages (= 49 outer languages) spoken by communities in South Asia, from the Himalayas to the island of Ceylon, with extensions throughout the world: 59=A HINDI+ DOMARI including 5 <i>arterial languages</i> : Hindi with Urdu; Bhojpuri with Maithili; Panjabi (Punjabi); Marathi; Bangla (Bengali) with Sylhetti	<i>languages spoken in:</i> Bangladesh; Bhutan; India; Nepal; Pakistan; Sri Lanka; <i>with migration to: Afghanistan; Albania; Armenia; Australia; Bosnia; Brazil; Bulgaria; China; Colombia; Czech Rep.; Denmark; Egypt; Estonia; Fiji; France; French Guiana; Germany; Greece; Guyana; Hungary; Iran; Italy; Kazakhstan; Kenya; Latvia; Lebanon; Mauritius; Moldova; Norway; Palestine; Poland; Portugal; Romania; Russia; Slovakia; Slovenia; South Africa; Spain; Surinam; Sweden; Syria; Trinidad & Tobago; Turkey; Uganda; UK; Ukraine; USA; Uzbekistan; Yugoslavia; etc.</i> scale of voices 9	<i>page</i> 458

65= AZTECIC <i>phylozone</i>	covers the "Uto-Aztecan", Ute+ Nahuatl set of languages; comprising 1 set of languages (= 44 outer languages) spoken or formerly spoken by communities over a wide area of North America and northern Central America (Wyoming and Nebraska to El Salvador and Honduras): 65-A UTE+ NAHUATL	<i>languages spoken in:</i> USA; Mexico; El Salvador; Honduras scale of voices 4	<i>page</i> 492
66= FARWEST <i>geozone</i>	covers the "Far-West American" reference area; comprising 26 sets of languages (= 80 outer languages) spoken by communities in North America along the Pacific coast and its hinterland, from Alaska to California: 66-A HAIDA 66-B TSIMSHIAN+ NISGHA 66-C KWAKWALA+ NOOTKA 66-D CHIMAKUM+ QUILEUTE 66-E NUXALK 66-F LUSHOOTSEED+ LILLOET 66-G KUTENAI 66-H YAKIMA+ MOLALA* 66-I WASCO+ CLACKAMA 66-J KALAPUYA+ TAKELMA* 66-K SIUSLAW+ YAQUINA* 66-L HANIS+ MILUK 66-M KLAMATH+ MODOC 66-N YUKI 66-O WAPPO 66-P WINTU+ CHUKCHANSI 66-Q KAROK 66-R CHIMARIKO+ CHIMALAKWE 66-S IRUITSU+ KAMMATWA* 66-T ACHUMAWI+ ATSUGEWI 66-U YANA+ YAHÍ 66-V WASHO 66-W POMO+ KASHAYA 66-X ESSELEN 66-Y SALINA 66-Z CHUMASH	<i>languages spoken in:</i> Canada; USA scale of voices 3	<i>page</i> 498
67= DESERT <i>geozone</i>	covers the "Southwest Desert" reference area; comprising 5 sets of languages (= 15 outer languages) spoken by traditional communities in North America, from the Gulf of California to the Upper Rio Grande: 67-A WALAPAI+ COCHIMÍ 67-B WAIKURI+ PERICÚ* 67-C SERI 67-D ZUÑI 67-E KERES	<i>languages spoken in:</i> Mexico; USA scale of voices 4	<i>page</i> 507
68= GULF <i>geozone</i>	covers the "Gulf of Mexico" reference area; comprising 8 sets of languages (= 23 outer languages) spoken by communities in North America, around the periphery of the Gulf of Mexico from Tamaulipas to Florida: 68-A NAOLAN+ COAHUILTECO* 68-B ATAKAPA* 68-C CHITIMACHA 68-D NATCHEZ 68-E TUNICA 68-F MUSKOGEE+ CHOCTAW 68-G YUCHI 68-H TIMUCUA	<i>languages spoken in:</i> Mexico; USA scale of voices 4	<i>page</i> 509
69= MESO-AMERICA <i>geozone</i>	covers the "Meso-America" reference area; comprising 11 sets of languages (= 87 outer languages) spoken by communities in southern North America (Meso-America), from Michoacán to the Pacific-facing side of Honduras, Nicaragua and northern Costa Rica: 69-A OTOMÍ+ OJITLÁN 69-B MAYA+ CAKCHIQUEL 69-C TARASCO 69-D TOTONAC+ TEPEHUA 69-E CUITLATEC 69-F HUAMELULA+ TEQUISTLATEC 69-G HUAVE 69-H MIXE+ ZOQUE 69-I XINCA 69-J LENCA 69-K TOL	<i>languages spoken in:</i> Mexico; Belize; Guatemala; El Salvador; Honduras; Nicaragua; Costa Rica scale of voices 6	<i>page</i> 512

7= SINO-INDIAN phylosector

pages 525 to 568

<p>This phylosector covers 22 sets of languages (= 218 outer languages, comprising 641 inner languages) spoken by communities in eastern Asia, from the Himalayas to Manchuria (Heilongjiang), constituting the "Sino-Tibetan" or "Sino-Indian" continental affinity.</p> <p>This continental affinity is composed of two major parts: the disparate Tibeto-Burman affinity (zones 70= to 77=), spoken by relatively small communities (with the exception of 77=) in the Himalayas and adjacent regions; and the closely related Chinese languages of the Sinitic set and net (zone 79=), spoken in eastern Asia. The Karen languages of zone 78=, formerly considered part of the Tibeto-Burman grouping, are probably best regarded as a third component of the Sino-Tibetan affinity.</p>			
70= TIBETIC phylozone	<p>covers the "Tibetan" or Phöke+ Kinnauri set, part of the "Tibeto-Burman" affinity within the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 1 set of languages (= 25 outer languages) spoken by communities in Central Asia, on both sides of the Himalayas:</p> <p style="text-align: center;">70-A PHÖKE+ KINNAURI</p>	<p><i>languages spoken in:</i> Bhutan; China/Tibet; Nepal; adjacent India; Pakistan</p> <p style="text-align: right;">scale of voices 6</p>	page 525
71= HIMALAYIC phylozone	<p>covers the "East Himalayan+ Dhimal" grouping, part of the "Tibeto-Burman" affinity within the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 3 sets of languages (= 48 outer languages) spoken by communities in Central Asia, in the eastern Himalayan mountain-valleys and highlands:</p> <p style="text-align: center;">71-A NEWARI+ DOLKHALI 71-B MAGAR+ LORONGKHA 71-C DHIMAL+TOTO</p>	<p><i>languages spoken in:</i> Nepal; India; Bhutan; Tibet</p> <p style="text-align: right;">scale of voices 6</p>	page 530
72= GARIC phylozone	<p>covers the Bodo+ Konyak grouping, part of the "Tibeto-Burman" affinity within the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 2 sets of languages (= 23 outer languages) spoken by communities in and around the Brahmaputra middle basin:</p> <p style="text-align: center;">72-A BODO+ GARO 72-B KONYAK+ AO</p>	<p><i>languages spoken in:</i> India; Bangladesh; Burma</p> <p style="text-align: right;">scale of voices 6</p>	page 535
73= KUKIC phylozone	<p>covers the "Kuki+ Naga" grouping, part of the "Tibeto-Burman" affinity within the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 4 sets of languages (= 49 outer languages) spoken by communities in the highlands around the middle Brahmaputra valley:</p> <p style="text-align: center;">73-A LOTH+ LIANGMAI 73-B MRUNG 73-C MIKIR+MEITHEI 73-D THADO+FALAM</p>	<p><i>languages spoken in:</i> India; Burma; Bangladesh; also Nepal; China</p> <p style="text-align: right;">scale of voices 6</p>	page 539
74= MIRIC phylozone	<p>covers the "Mirish" or Nisi+ Miri set, part of the "Tibeto-Burman" affinity, within the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising a grouping of 1 set of languages (= 6 outer languages) spoken by communities in the mountain-valleys and highlands north of the middle Brahmaputra:</p> <p style="text-align: center;">74-A NISI+ MIRI</p>	<p><i>languages spoken in:</i> India; China (Tibet)</p> <p style="text-align: right;">scale of voices 6</p>	page 546
75= KACHINIC phylozone	<p>covers the "Kachin+ Luish" or Jingpho+ Kado grouping, part of the "Tibeto-Burman" affinity within the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 2 sets of languages (= 3 outer languages) spoken by communities in continental Southeast Asia, between the middle Brahmaputra and the middle Mekong basins:</p> <p style="text-align: center;">75-A JINGPHO+ TAMAN 75-B KADO+ GANAAN</p>	<p><i>languages spoken in:</i> Burma; China; India; Laos</p> <p style="text-align: right;">scale of voices 5</p>	page 547

76= RUNGIC <i>phylozone</i>	covers the "Rung" reference area, part of the "Tibeto-Burman" affinity within the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 4 sets of languages (= 9 outer languages) spoken by communities in continental Southeast Asia, between the upper Brahmaputra and upper Salween basins: 76-A NUNG+ NORRA 76-B JARONG 76-C QIANG+ DZORGAI 76-D P'UMI	<i>languages spoken in:</i> China; Burma; India scale of voices 5	<i>page</i> 548
77= IRRAWADDIC <i>phylozone</i>	covers the "Burmese+ Lolo" or Bama+ Nasö grouping, part of the "Tibeto-Burman" affinity within the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 3 sets of languages (= 27 outer languages) spoken by communities in continental Southeast Asia, centered on the Irrawaddy river and its tributaries: 77-A BAMA+ LAWNG 77-B NASÖ+ AKHA 77-C BAI+ DALI*	<i>languages spoken in:</i> Burma; China; Laos; Thailand scale of voices 7	<i>page</i> 550
78= KARENIC <i>phylozone</i>	covers the "Karen" or Pwo+ Sgaw set, part of the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 1 set of languages (= 12 outer languages) spoken by communities in central Southeast Asia: 78-A PWO + SGAW	<i>languages spoken in:</i> Burma; Thailand scale of voices 6	<i>page</i> 555
79= SINITIC <i>phylozone</i>	covers the "Chinese" or Han-Yu set, part of the "Sino-Tibetan" ("Sino-Indian") continental affinity; comprising 1 set of languages (= 16 outer languages) spoken by communities throughout East Asia, centered on the Huang-He ("Yellow River") and Yangtze basins: 79-A HAN-YU including 3 <i>arterial languages</i> : Putonghua (Mandarin); Wu; Yue (Cantonese)	<i>languages spoken in:</i> Bangladesh; Bhutan; Burma; India; Japan; Laos; Kazakhstan; Kirghizstan; Malaysia; Nepal; North Korea; Pakistan; Singapore; South Korea; Thailand; Vietnam; <i>plus worldwide migration, including:</i> Australia; Brazil; Brunei; Canada; Colombia; Costa Rica; Cuba; Fiji; France; French Guiana; French Polynesia; Guam; Guatemala; Guyana; Indonesia; Jamaica; Kazakhstan; Kirghizstan; Madagascar; Mauritius; Mexico; Mongolia; Mozambique; Nauru; Netherlands; New Zealand / Aotearoa; Panama; Papua New Guinea; Paraguay; Peru; Philippines; Portugal; Réunion; Samoa; Seychelles; South Africa; Surinam; Trinidad; United Kingdom; USA; Vanuatu; Venezuela scale of voices 9	<i>page</i> 557

8= SOUTH-AMERICA geosector

pages 569 to 621

<p>This geosector covers 121 sets of languages (= 415 outer languages, comprising 964 inner languages) spoken or formerly spoken by traditional "Amerindian" communities across South America and southern Meso-America (since before the arrival of speakers of Indo-European languages, principally [51] Español and Português, but also [51] Français and [52] English and Nederlands).</p> <p>13 sets are treated within three phylozones, 80=, 82= and 88=, while the remaining 110 sets are classified geographically within seven geozones. Geozone 81= covers languages spoken by communities in southern Meso-America and parts of northern South America, and the geozones 83=, 84= and 85=, in geographic sequence, cover languages spoken by communities in the Andean regions, southward as far as Tierra del Fuego. Geozones 86=, 87= and 89= cover languages spoken by communities in the Mato Grosso, in the Amazon Basin and in northeastern Brazil.</p>																							
80= CARIBIC <i>phylozone</i>	<p>covers the "wider Carib", "Cariban" or Yucpa+ Bakairi set; comprising 1 set of languages (= 37 outer languages) spoken by widely scattered communities in northern South America, and formerly on islands of the Caribbean:</p> <p style="text-align: center;">80-A YUCPA+ BAKAIRI</p>	<p><i>languages spoken in:</i> Brazil; Colombia; French Guiana; Guyana; Surinam; Venezuela; <i>formerly also on Caribbean islands (most recently, Trinidad & Tobago)</i></p> <p style="text-align: right;">scale of voices 4</p>	page 569																				
81= INTER-OCEAN <i>geozone</i>	<p>covers the "Inter-Ocean" reference area, composed of sets <u>not</u> covered by any phylozone; comprising 16 sets of languages (= 49 outer languages) spoken by communities in southern Meso-America and northern South America, from the Pacific to the Caribbean coast::</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">81-A MAM+ MATAGALPA</td> <td style="width: 50%;">81-B PECH</td> </tr> <tr> <td>81-C RAMA</td> <td>81-D MALÉKU+ KWERESA</td> </tr> <tr> <td>81-E NGOBERE+ TUKURÁ</td> <td>81-F COFÁN</td> </tr> <tr> <td>81-G PAÉZ+ COCONUCO</td> <td>81-H COAIQUER+ TSÁCHI</td> </tr> <tr> <td>81-I HIRAHARA+ GAYÓN</td> <td>81-J TACAME</td> </tr> <tr> <td>81-K PUMÉ</td> <td>81-L TIMOTE+ MUCUCHI</td> </tr> <tr> <td>81-M BETOY</td> <td>81-N YURIMANGI</td> </tr> <tr> <td>81-O CAMSÁ</td> <td>81-P GUARAO</td> </tr> </table>	81-A MAM+ MATAGALPA	81-B PECH	81-C RAMA	81-D MALÉKU+ KWERESA	81-E NGOBERE+ TUKURÁ	81-F COFÁN	81-G PAÉZ+ COCONUCO	81-H COAIQUER+ TSÁCHI	81-I HIRAHARA+ GAYÓN	81-J TACAME	81-K PUMÉ	81-L TIMOTE+ MUCUCHI	81-M BETOY	81-N YURIMANGI	81-O CAMSÁ	81-P GUARAO	<p><i>languages spoken in:</i> Colombia; Costa Rica; Ecuador; Guyana; Honduras; Nicaragua; Panama; Surinam; Venezuela</p> <p style="text-align: right;">scale of voices 5</p>	page 574				
81-A MAM+ MATAGALPA	81-B PECH																						
81-C RAMA	81-D MALÉKU+ KWERESA																						
81-E NGOBERE+ TUKURÁ	81-F COFÁN																						
81-G PAÉZ+ COCONUCO	81-H COAIQUER+ TSÁCHI																						
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81-K PUMÉ	81-L TIMOTE+ MUCUCHI																						
81-M BETOY	81-N YURIMANGI																						
81-O CAMSÁ	81-P GUARAO																						
82= ARAWAKIC <i>phylozone</i>	<p>covers the "Maipuran" ("Maipurean") or "Core Arawakan" grouping, part of the "wider Arawakan" hypothesis; comprising 2 sets of languages (= 49 outer languages) formerly spoken by communities in the Caribbean and spoken at end 20th century by widely scattered communities in Meso-America and South-America, from Guatemala and Belize to French Guiana and northern Brazil, Peru and Bolivia:</p> <p style="text-align: center;">82-A WAYÚU+ BANIWA 82-B ASHÁNINGA+ YANESHA</p>	<p><i>languages spoken originally in:</i> Cuba; Haiti+ Dominican Rep.; Puerto Rico; Jamaica; <i>in 20th century in:</i> Belize; Bolivia; Brazil; Colombia; Dominica; French Guiana; Guatemala; Guyana; Honduras; Peru; St.Vincent; Surinam; Venezuela</p> <p style="text-align: right;">scale of voices 5</p>	page 579																				
83= PRE-ANDES <i>geozone</i>	<p>covers the "Pre-Andes" reference area, composed of sets <u>not</u> covered by any phylozone; comprising 20 sets of languages (= 73 outer languages) spoken by communities in South America along the eastern margins of the Andes:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">83-A COFÁN</td> <td style="width: 50%;">83-B MURUI+ OKAINA</td> </tr> <tr> <td>83-C ANDOQUE</td> <td>83-D BORA+ MIRANÁ</td> </tr> <tr> <td>83-E SHUAR+ AGUAJUN</td> <td>83-F CHAYAHUITA+ JEVERO</td> </tr> <tr> <td>83-G SHIMACU+ ITUCALI</td> <td>83-H CAYAPWI+ IQUITO</td> </tr> <tr> <td>83-I YAMÉO+ NIXAMWI</td> <td>83-J ITE'TSHI</td> </tr> <tr> <td>83-K OMURANO</td> <td>83-L CANDOXI+ CHAPARA</td> </tr> <tr> <td>83-M YURAKARE+ MANSINYO</td> <td>83-N CASHIBO+ JUANAWO</td> </tr> <tr> <td>83-O CHAPACURA+ TORÁ</td> <td>83-P ITONAMA+ SARAMO</td> </tr> <tr> <td>83-Q CAYUBABA</td> <td>83-R BAGUAJA+ ISIAMA</td> </tr> <tr> <td>83-S MOSETEN+ TSIMANÉ</td> <td>83-T TEHUELICHE+ ONA</td> </tr> </table>	83-A COFÁN	83-B MURUI+ OKAINA	83-C ANDOQUE	83-D BORA+ MIRANÁ	83-E SHUAR+ AGUAJUN	83-F CHAYAHUITA+ JEVERO	83-G SHIMACU+ ITUCALI	83-H CAYAPWI+ IQUITO	83-I YAMÉO+ NIXAMWI	83-J ITE'TSHI	83-K OMURANO	83-L CANDOXI+ CHAPARA	83-M YURAKARE+ MANSINYO	83-N CASHIBO+ JUANAWO	83-O CHAPACURA+ TORÁ	83-P ITONAMA+ SARAMO	83-Q CAYUBABA	83-R BAGUAJA+ ISIAMA	83-S MOSETEN+ TSIMANÉ	83-T TEHUELICHE+ ONA	<p><i>languages spoken in:</i> Argentina; Bolivia; Brazil; Chile; Colombia; Ecuador; Peru</p> <p style="text-align: right;">scale of voices 4</p>	page 584
83-A COFÁN	83-B MURUI+ OKAINA																						
83-C ANDOQUE	83-D BORA+ MIRANÁ																						
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83-Q CAYUBABA	83-R BAGUAJA+ ISIAMA																						
83-S MOSETEN+ TSIMANÉ	83-T TEHUELICHE+ ONA																						
84= ANDES <i>geozone</i>	<p>covers the "Andes" reference area, composed of sets <u>not</u> covered by any phylozone; comprising 13 sets of languages (= 28 outer languages) spoken by communities in South America along the Andes ranges from Colombia to Bolivia (extending into Brazil and Argentina):</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">84-A CANYARI+ MOCHICA</td> <td style="width: 50%;">84-B SEC+ TALLÁN</td> </tr> <tr> <td>84-C CATACAO+ COLÁN</td> <td>84-D CHOLÓN+ HIBITO</td> </tr> <tr> <td>84-E CULYI</td> <td>84-F QUECHUA+ QUICHWA</td> </tr> <tr> <td>84-G HUACHIPAERI+ AMARACAERI</td> <td>84-H LAPACHU</td> </tr> <tr> <td>84-I LECO</td> <td>84-J AYMARA+ JAQARU</td> </tr> <tr> <td>84-K PUQUINA</td> <td>84-L CALLAHUAYA *</td> </tr> <tr> <td>84-M URU+ CHIPAYA</td> <td></td> </tr> </table>	84-A CANYARI+ MOCHICA	84-B SEC+ TALLÁN	84-C CATACAO+ COLÁN	84-D CHOLÓN+ HIBITO	84-E CULYI	84-F QUECHUA+ QUICHWA	84-G HUACHIPAERI+ AMARACAERI	84-H LAPACHU	84-I LECO	84-J AYMARA+ JAQARU	84-K PUQUINA	84-L CALLAHUAYA *	84-M URU+ CHIPAYA		<p><i>languages spoken in:</i> Argentina; Bolivia; Brazil; Colombia; Ecuador; Peru</p> <p style="text-align: right;">scale of voices 6</p>	page 592						
84-A CANYARI+ MOCHICA	84-B SEC+ TALLÁN																						
84-C CATACAO+ COLÁN	84-D CHOLÓN+ HIBITO																						
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84-I LECO	84-J AYMARA+ JAQARU																						
84-K PUQUINA	84-L CALLAHUAYA *																						
84-M URU+ CHIPAYA																							

85= CHACO-CONE <i>geozone</i>	<p>covers the "Chaco+ Cone" reference area, composed of sets <u>not</u> covered by any phylozone; comprising 10 sets of languages (= 25 outer languages) spoken by communities in southern South America, from the Chaco region to Tierra del Fuego island:</p> <p>85-A WICHÍ+ YOFÚAHA 85-B AYOREO+ EBITOSO 85-C MASKOY+ PAYAGUÁ 85-D LULE+ VILELA* 85-E KADIWÉU+ NAMQOM 85-F CUNZA 85-G MAPUDUNGUN 85-H GÜNÚAKÜNE 85-I QAWASQAR+ CACAHUE 85-J YAMANA</p>	<p><i>languages spoken in:</i> Argentina; Bolivia; Chile; Paraguay; Uruguay</p> <p>scale of voices 5</p>	<i>page</i> 598
86= MATO-GROSSO <i>geozone</i>	<p>covers the "Mato-Grosso" reference area, composed of sets <u>not</u> covered by any phylozone; comprising 16 sets of languages (= 36 outer languages) spoken by communities in South America, situated on and around the Mato Grosso plateau:</p> <p>86-A MOVIMA+ CANICHANA* 86-B CHIQUITO 86-C BORÓRO+ OTUKE 86-D GUATÓ 86-E JABUTÍ+ ARICAPÚ 86-F CAPIXANÁ 86-G CABIXI+ SABANÉ 86-H RIKBAK TSA 86-I OPAYÉ 86-J TRUMÁI 86-K HALOTESU* 86-L NUMBIAI* 86-M ENAWENÉ 86-N IRÁNTXE+ MENKU 86-O CARAJÁ 86-P CAYAPÓ+ CAINGANG</p>	<p><i>languages spoken in:</i> Bolivia; Brazil</p> <p>scale of voices 4</p>	<i>page</i> 602
87= AMAZON <i>geozone</i>	<p>covers the "Amazon" reference area, composed of sets <u>not</u> covered by any phylozone; comprising 23 sets of languages (= 55 outer languages) spoken by communities in the Amazon basin of South America:</p> <p>87-A AMIKOANA* 87-B IAPAMA 87-C ARUTANI+ SAPÉ 87-D NANOMAM+ NINAM 87-E HOTÍ 87-F PIAROA+ SÁLIBA 87-G GUAHIBO+ CUIBA 87-H PUINAVE 87-I CACUA+ NADÉB* 87-J TINGUA+ PAMIGUA 87-K CUBEO+ DAHSEYÉ 87-L ABISHIRA 87-M TICUNA 87-N XIRIÁNA 87-O MUNICHE 87-P CAPANÁ+ PAUMARI* 87-Q NEREYAMA* 87-R PIRAHÁ + MATANAUI 87-S BARA 87-T HIMARIMA 87-U KARAHAWYANA 87-V WERIDJAPÁ + HEWADIE 87-W PAPAÓ</p>	<p><i>languages spoken in:</i> Brazil; Colombia; Peru; Venezuela; <i>also</i> Ecuador</p> <p>scale of voices 5*</p>	<i>page</i> 607
88= TUPIC <i>phylozone</i>	<p>covers the "wider Tupian" grouping; comprising 10 sets of languages (= 50 outer languages) spoken or formerly spoken by communities in Brazil and neighbouring regions of South America, from French Guiana to northern Argentina:</p> <p>88-A NHENGATU+ EMERENYÓN 88-B MAWÉ+ SATERÉ 88-C MUNDURUCÚ+ CURUÁIA 88-D RAMARAMA+ ARARA 88-E MONDÉ+ MEQUEM 88-F CARITIANA+ ARIQUEM 88-G TUPARÍ+ KURATEG 88-H PURUBORÁ 88-I AWETÍ 88-J JURÚNA+ MANITSAWÁ</p>	<p><i>languages spoken in:</i> Argentina; Brazil; French Guiana; Paraguay; Uruguay; <i>formerly also</i> Colombia; Venezuela</p> <p>scale of voices 6</p>	<i>page</i> 614
89= BAHIA <i>geozone</i>	<p>covers the "Northeast Brazil" reference area, composed of sets <u>not</u> covered by any phylozone; comprising 11 sets of languages (= 14 outer languages) spoken or formerly spoken by communities in northeastern South America, in an area of Brazil centered on Bahia:</p> <p>89-A UAMOÉ 89-B TUXÁ 89-C PANCARARÚ+ CARIRÍ* 89-D FULNIÓ 89-E NATÚ 89-F CATEMBRÍ 89-G CAMACAN 89-H CUMANAXO+ CAPOXO 89-I PURI 89-J KRENAK 89-K OTI</p>	<p><i>languages spoken in:</i> Brazil</p> <p>scale of voices 3</p>	<i>page</i> 620

9= TRANSAFRICAN phylosector

pages 622 to 742

<p>This phylosector covers 60 sets of languages (= 802 outer languages, composed of 2,816 inner languages) spoken by communities across the African continent south of the Sahara, from Senegal to South Africa, constituting the Transafrican ("old Niger-Congo <i>less</i> Mande" or "Atlantic-Congo") continental affinity.</p> <p>Zones 90= to 93= cover languages spoken by communities westwards from Senegal through the northern interior of West and Central Africa as far as northern Congo/Zaire and southern Sudan. Zones 94= to 97= cover languages spoken by communities westwards from Guinea through the coastal regions of West Africa as far as the Niger Delta. Zones 98= and 99= cover languages spoken through Nigeria and across the whole continent as far as Tanzania and South Africa.</p>																			
90= ATLANTIC phylozone	<p>covers the "Atlantic" ("old West-Atlantic <i>less</i> Mel") reference area, within the "Transafrican" continental affinity; comprising 16 sets of languages (= 53 outer languages) spoken by communities in western West Africa, with an eastward extension of the Fulfulde-speaking (Fula, Peul) community as far as Sudan:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">90-A WOLOF</td> <td style="width: 50%;">90-B FULFULDE+ SERER</td> </tr> <tr> <td>90-C SAFEN+ NDUT</td> <td>90-D FONYI+ KARON</td> </tr> <tr> <td>90-E ESING+ GUBARE</td> <td>90-F MANDYAK+ PAPEL</td> </tr> <tr> <td>90-G BALANTA+ GANJA</td> <td>90-H BUY+ HAAL</td> </tr> <tr> <td>90-I BIAFADA+ BAJAR</td> <td>90-J ONIYAN+ ONIK</td> </tr> <tr> <td>90-K SUA</td> <td>90-L NALUU</td> </tr> <tr> <td>90-M MBULUNGISH</td> <td>90-N BAGA-MBOTENI</td> </tr> <tr> <td>90-O BIJOGO</td> <td>90-P LIMBA+ YIMBA</td> </tr> </table>	90-A WOLOF	90-B FULFULDE+ SERER	90-C SAFEN+ NDUT	90-D FONYI+ KARON	90-E ESING+ GUBARE	90-F MANDYAK+ PAPEL	90-G BALANTA+ GANJA	90-H BUY+ HAAL	90-I BIAFADA+ BAJAR	90-J ONIYAN+ ONIK	90-K SUA	90-L NALUU	90-M MBULUNGISH	90-N BAGA-MBOTENI	90-O BIJOGO	90-P LIMBA+ YIMBA	<p><i>languages spoken in:</i> Gambia; Guinea; Guinea-Bissau; Senegal; Sierra Leone; <i>with extension of Fula to</i> Benin; Burkina Faso; Cameroon; Chad; Mali; Niger; Nigeria; Sudan</p> <p>scale of voices 7</p>	<i>page</i> 622
90-A WOLOF	90-B FULFULDE+ SERER																		
90-C SAFEN+ NDUT	90-D FONYI+ KARON																		
90-E ESING+ GUBARE	90-F MANDYAK+ PAPEL																		
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90-K SUA	90-L NALUU																		
90-M MBULUNGISH	90-N BAGA-MBOTENI																		
90-O BIJOGO	90-P LIMBA+ YIMBA																		
91= VOLTAIC phylozone	<p>covers the "Gur" or "Voltaic" reference area within the "Volta-Congo" affinity, within the wider "Transafrican" continental affinity; comprising 9 sets of languages (= 76 outer languages) spoken by communities in central West Africa, in and around the upper Volta basin:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">91-A JAMSAY+ DULERI</td> <td style="width: 50%;">91-B SENARI+ KPALAGHA</td> </tr> <tr> <td>91-C TUSYAN+ WIN</td> <td>91-D TIEFO</td> </tr> <tr> <td>91-E WARA+ NATIORO</td> <td>91-F DOGOSO+ KHE</td> </tr> <tr> <td>91-G KASEM+ MOORE</td> <td>91-H CENKA*</td> </tr> <tr> <td>91-I SIAMOU</td> <td></td> </tr> </table>	91-A JAMSAY+ DULERI	91-B SENARI+ KPALAGHA	91-C TUSYAN+ WIN	91-D TIEFO	91-E WARA+ NATIORO	91-F DOGOSO+ KHE	91-G KASEM+ MOORE	91-H CENKA*	91-I SIAMOU		<p><i>languages spoken in:</i> Benin; Burkina Faso; Côte d'Ivoire; Ghana; Mali; Togo</p> <p>scale of voices 6</p>	<i>page</i> 630						
91-A JAMSAY+ DULERI	91-B SENARI+ KPALAGHA																		
91-C TUSYAN+ WIN	91-D TIEFO																		
91-E WARA+ NATIORO	91-F DOGOSO+ KHE																		
91-G KASEM+ MOORE	91-H CENKA*																		
91-I SIAMOU																			
92= ADAMAWIC phylozone	<p>covers the "Adamawa" reference area within the "Volta-Congo" affinity, within the wider "Transafrican" continental affinity; comprising 3 sets of languages (= 59 outer languages) spoken by communities in interior eastern West Africa:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">92-A WAJA+ JANJO</td> <td style="width: 50%;">92-B MUMUYE+ SAMBA</td> </tr> <tr> <td>92-C BUA+ BANGLING</td> <td></td> </tr> </table>	92-A WAJA+ JANJO	92-B MUMUYE+ SAMBA	92-C BUA+ BANGLING		<p><i>languages spoken in:</i> Cameroon; Chad; Nigeria</p> <p>scale of voices 6</p>	<i>page</i> 640												
92-A WAJA+ JANJO	92-B MUMUYE+ SAMBA																		
92-C BUA+ BANGLING																			
93= UBANGIC phylozone	<p>covers the "Ubangian" or "Eastern" grouping, part of the "Volta-Congo" affinity within the wider "Transafrican" continental affinity; comprising 2 sets of languages (= 37 outer languages) spoken by communities in northern Central Africa:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">93-A BANDA+ GBAYA</td> <td style="width: 50%;">93-B ZANDE+PAMBIA</td> </tr> </table>	93-A BANDA+ GBAYA	93-B ZANDE+PAMBIA	<p><i>languages spoken in:</i> Cameroon; Congo/Zaire; Sudan</p> <p>scale of voices 6</p>	<i>page</i> 646														
93-A BANDA+ GBAYA	93-B ZANDE+PAMBIA																		
94= MELIC phylozone	<p>covers the "Mel" (southern "old West-Atlantic") grouping, part of the "Volta-Congo" affinity within the wider "Transafrican" continental affinity; comprising 2 sets of languages (= 7 outer languages) spoken by communities in coastal West Africa, between the Kogon and Loffa rivers:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">94-A THEMNE+ LANDUMA</td> <td style="width: 50%;">94-B KISI+ GOLA</td> </tr> </table>	94-A THEMNE+ LANDUMA	94-B KISI+ GOLA	<p><i>languages spoken in:</i> Guinea; Liberia; Sierra Leone</p> <p>scale of voices 6</p>	<i>page</i> 652														
94-A THEMNE+ LANDUMA	94-B KISI+ GOLA																		

95= KRUIC <i>phylozone</i>	covers the "Kru" or Klao+ Aizi set, part of the "Volta-Congo" affinity within the "Transafrican" continental affinity; comprising 1 set of languages (= 28 outer languages) spoken by communities in coastal West Africa, between the Loffa and Bandama rivers: 95-A KLAO+ AIZI	<i>languages spoken in:</i> Côte d'Ivoire; Guinea; Liberia scale of voices 6	<i>page</i> 655
96= AFRAMIC <i>phylozone</i>	covers the "West Kwa" reference area (the former western section of "old Kwa") within the "Volta-Congo" affinity, within the wider "Transafrican" continental affinity; comprising 13 sets of languages (= 66 outer languages) spoken by communities in West Africa, centered on the lower Volta (Afram) basin: 96-A AVIKAM+ ALADIAN 96-B VE+ JUKRU 96-C BODIN+ KETIN 96-D TYAMA+ OGWIA 96-E EGA 96-F TWI+ NGBANDZI 96-G GISEDA+ EKPARA 96-H LELEMI+ SEKPELE 96-I KEGBERIKE+ ANIMERE 96-J IKPOSO+ AGO 96-K TRUGBU+ SIYA 96-L GA+ DANGME 96-M EWE+ FON	<i>languages spoken in:</i> Benin; Côte d'Ivoire; Ghana; Nigeria; Togo scale of voices 7	<i>page</i> 660
97= DELTIC <i>phylozone</i>	covers the "Niger-Delta" or "Deltoid" grouping, part of the "Transafrican" continental affinity; comprising 2 sets of languages (= 8 outer languages) spoken by communities in coastal West Africa, in and around the Niger Delta 97-A IZON+ KALABARI 97-B DEFAKA	<i>languages spoken in:</i> Nigeria scale of voices 6	<i>page</i> 668
98= BENUIC <i>phylozone</i>	covers the "Benue+East Kwa" reference area (the north-western section of "old Benue-Congo", plus the eastern section of "old Kwa") within the "Volta-Congo" affinity, within the wider "Transafrican" continental affinity; comprising 11 sets of languages (= 209 outer languages) spoken by communities in eastern West Africa, centered on the lower Niger+ Benue basin, between the Togo Highlands and Cameroon Highlands: 98-A YORUBA+ IGALA 98-B NUPE+ EBIRA 98-C IDOMA+ ETULO 98-D UKAAN+ AKUNNU* 98-E OGORI+ OSAYEN 98-F EDO+ OKPAMHERI 98-G IGBO+ EKPEYE 98-H AGWARA+ EZELLE 98-I HYAM+ TAROK 98-J IBIBIO+ BEKWARRA 98-K JUNAARE+ DAKA	<i>languages spoken in:</i> Cameroon; Nigeria; Togo scale of voices 7	<i>page</i> 670
99= BANTUIC <i>phylozone</i>	covers the "broad Bantu", "narrow Bantu+ Bantoid" or Isizulu+Tiv set (the central-southern section of "old Benue-Congo") within the "Volta-Congo" affinity, within the wider "Transafrican" continental affinity; comprising 1 set of languages (= 259 outer languages), spoken by communities throughout a major part of Africa south of the Sahara, from the Jos Plateau and Cameroon Highlands eastwards and southwards to the Indian Ocean and South Atlantic coasts: 99-A ISIZULU+ TIV including 1 <i>arterial language</i> : Kiswahili (Swahili)	<i>languages spoken in:</i> Botswana; Cameroon; Central African Republic; Comoro Islands; Congo; Congo-Zaire; Gabon; Kenya; Lesotho; Malawi; Mayotte; Mozambique; Namibia; Nigeria; Rwanda; Somalia; South Africa; Sudan; Swaziland; Tanzania; Uganda; Zambia; Zimbabwe scale of voices 8	<i>page</i> 690