**Table S1.1.** Binford’s (2002) hunter-gatherer societies, locations, socioeconomic and biophysical variables used in the logistic regression.

| **Group No.** | **State** | **Name** | **Lat** | **Long** | **Pop Density** | **%Gathering** | **LFP\_Value** | **Forested** | **BFU** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Indonesia | Punan | 3.00 | 114.00 | 11.80 | 65 | 71.54 | 1 | 0 | |
| 2 | Philippines | Batek | 10.00 | 119.11 | 43.00 | 65 | 71.13 | 1 | 0 | |
| 3 | Indonesia | Kubu | -2.05 | 102.69 | 9.20 | 70 | -22.25 | 1 | 0 | |
| 4 | Nicobar Island | Shompen | 7.00 | 93.77 | 39.54 | 50 | 82.09 | 1 | 0 | |
| 5 | Andaman Islands | Onge | 10.70 | 92.47 | 40.10 | 35 | -16.87 | 1 | 0 | |
| 6 | Andaman Islands | Jarwa | 12.19 | 92.37 | 44.65 | 50 | -23.39 | 1 | 0 | |
| 7 | Philippines | Ayta-Pinatubo Island | 15.50 | 120.33 | 91.89 | 87 | 65.53 | 0 | 0 | |
| 8 | Andaman Islands | North Island | 13.32 | 92.89 | 33.38 | 60 | -26.39 | 1 | 0 | |
| 9 | Malaysia | Semang | 5.86 | 101.00 | 17.57 | 50 | -3.17 | 1 | 0 | |
| 10 | Sri Lanka | Veddah | 8.58 | 81.25 | 18.50 | 65 | 5.00 | 1 | 0 | |
| 11 | India | Hill-Pandaran | 9.25 | 77.25 | 70.37 | 82 | 12.76 | 1 | 0 | |
| 12 | Philippines | Agta (Casiguran) | 17.33 | 122.13 | 87.00 | 45 | 87.50 | 1 | 1 | |
| 13 | Philippines | Agta (Isabela) | 17.48 | 122.05 | 42.00 | 35 | 87.50 | 1 | 1 | |
| 14 | Philippines | Agta (North Luzon) | 17.82 | 121.80 | 37.94 | 50 | 87.71 | 0 | 1 | |
| 15 | India | Chenchu | 16.25 | 78.97 | 123.30 | 85 | -1.22 | 0 | 0 | |
| 16 | Thailand | Mrabri | 18.41 | 100.47 | 23.16 | 75 | -33.72 | 0 | 1 | |
| 17 | India | Paliyans | 9.75 | 77.50 | 9.63 | 85 | 11.40 | 1 | 0 | |
| 18 | India | Birhor | 23.41 | 84.38 | 22.00 | 65 | -44.35 | 0 | 0 | |
| 19 | India | Kadar | 10.25 | 77.17 | 50.00 | 90 | 11.94 | 1 | 0 | |
| 20 | India | Cholanaickan | 10.18 | 76.40 | 70.50 | 75 | 30.18 | 1 | 0 | |
| 21 | India | Nayaka | 11.90 | 77.21 | 70.00 | 90 | 14.06 | 0 | 0 | |
| 22 | Japan | Ainu (Hokkaido) | 44.01 | 144.17 | 34.80 | 10 | 85.55 | 1 | 0 | |
| 23 | China | Oro gens | 51.91 | 122.50 | 4.30 | 10 | 71.17 | 1 | 0 | |
| 24 | Russia | Ket | 62.00 | 90.00 | 1.64 | 5 | 83.45 | 1 | 0 | |
| 25 | Russia | Gilyak | 51.54 | 140.00 | 19.31 | 3 | 95.82 | 1 | 0 | |
| 26 | Russia | Yukaghir | 70.00 | 145.00 | 0.61 | 5 | 53.01 | 1 | 0 | |
| 27 | Russia | Nganasan | 73.83 | 90.00 | 0.46 | 1 | 80.91 | 0 | 0 | |
| 28 | Russia | Siberian Eskimo | 65.96 | 170.08 | 4.70 | 1 | 92.87 | 1 | 0 | |
| 35 | Venezuela | Paraujano | 9.90 | -71.41 | 35.00 | 30 | -91.82 | 0 | 0 | |
| 36 | Venezuela | Shiriana | 3.86 | -65.17 | 15.60 | 60 | -45.23 | 1 | 0 | |
| 37 | Suriname | Akuriyo | 3.00 | -54.00 | 7.04 | 55 | 67.63 | 1 | 0 | |
| 38 | Venezuela | Yaruro-pume | 6.85 | -67.77 | 19.95 | 41 | -80.53 | 1 | 1 | |
| 39 | Colombia | Guahibo | 5.38 | -67.31 | 17.63 | 60 | -55.15 | 1 | 0 | |
| 40 | Colombia | Nukak | 2.56 | -70.81 | 9.34 | 76 | -20.87 | 1 | 1 | |
| 41 | Brazil | Bororo | -16.52 | -54.00 | 51.36 | 70 | -57.83 | 1 | 0 | |
| 42 | Brazil | Guato | -17.00 | -56.50 | 6.74 | 20 | -65.53 | 1 | 0 | |
| 43 | Bolivia | Siriono | -14.00 | -62.58 | 6.00 | 45 | 21.70 | 1 | 1 | |
| 44 | Bolivia | Yuqui | -15.46 | -63.97 | 1.66 | 35 | 39.86 | 1 | 0 | |
| 45 | Brazil | Nambikwara | -11.73 | -58.55 | 7.78 | 75 | -41.11 | 1 | 0 | |
| 46 | Florida | Calusa | -25.50 | -81.00 | 38.73 | 25 | -60.60 | 0 | 0 | |
| 47 | Paraguay | Guayaki (Ache) | -24.70 | -54.38 | 3.48 | 30 | 5.17 | 1 | 0 | |
| 48 | Brazil | Botocudo | -17.71 | -40.86 | 9.80 | 60 | -84.24 | 1 | 0 | |
| 49 | Brazil | Heta | -22.52 | -52.68 | 9.60 | 55 | -56.60 | 1 | 0 | |
| 50 | Brazil | Aweikomo | -27.00 | -49.00 | 4.10 | 35 | -56.28 | 1 | 0 | |
| 51 | Argentina | Tehuelche | -45.00 | -67.70 | 1.89 | 30 | 40.27 | 0 | 1 | |
| 52 | Chile | Chono | -44.00 | -72.83 | 13.64 | 5 | -1.95 | 0 | 0 | |
| 53 | Chile | Alacaluf | -48.55 | -73.52 | 14.98 | 5 | -17.60 | 1 | 0 | |
| 54 | Argentina | Ona | -52.90 | -67.62 | 7.27 | 5 | 68.28 | 1 | 0 | |
| 55 | Argentina | Yahgan | -59.00 | -67.66 | 28.42 | 5 | 39.98 | 1 | 0 | |
| 60 | Congo | Aka | 2.00 | 17.00 | 9.06 | 80 | -49.47 | 1 | 0 | |
| 61 | Congo | Bayaka | 3.58 | 17.76 | 17.47 | 90 | -85.64 | 1 | 0 | |
| 62 | Zaire | Barnbote | -5.64 | 28.26 | 25.00 | 85 | -86.58 | 1 | 0 | |
| 63 | Cameroon | Baka | 2.39 | 15.31 | 13.63 | 85 | -15.26 | 1 | 0 | |
| 64 | Zaire | Efe | 2.70 | 27.64 | 15.96 | 88 | -72.51 | 1 | 0 | |
| 65 | Zaire | Mbuti | 1.54 | 28.61 | 44.00 | 90 | -73.69 | 1 | 0 | |
| 66 | Madagascar | Mikea | -21.32 | 43.81 | 4.36 | 85 | -95.00 | 0 | 0 | |
| 67 | Zambia | Hukwe | -15.93 | 24.32 | 2.90 | 60 | -66.73 | 1 | 0 | |
| 68 | Namibia | Hai//Om | -17.65 | 16.12 | 3.84 | 55 | -53.40 | 0 | 0 | |
| 69 | Tanzania | Hadza | -2.82 | 35.32 | 24.00 | 60 | -94.42 | 0 | 1 | |
| 70 | Kenya | Dorobo (Okiek) | 1.00 | 36.00 | 40.81 | 45 | -92.83 | 0 | 0 | |
| 71 | Angola | Sekele | -15.42 | 19.53 | 1.52 | 65 | -60.21 | 1 | 0 | |
| 72 | Botswana | !Kung | -19.00 | 21.18 | 6.60 | 67 | -50.83 | 1 | 1 | |
| 73 | Botswana | Nharo | -20.64 | 21.61 | 0.50 | 67 | 23.10 | 0 | 0 | |
| 74 | Botswana | G/Wi | -21.46 | 23.39 | 2.93 | 55 | 22.92 | 0 | 1 | |
| 75 | Botswana | Kua | -21.88 | 24.41 | 6.36 | 55 | 22.49 | 0 | 0 | |
| 76 | Botswana | !Ko | -22.86 | 22.20 | 1.03 | 55 | 50.80 | 0 | 0 | |
| 77 | South Africa | /Auni-khomani | -26.37 | 19.82 | 0.64 | 52 | 64.87 | 0 | 0 | |
| 78 | South Africa | //Xegwi | -25.28 | 30.23 | 3.57 | 40 | -63.17 | 1 | 0 | |
| 79 | South Africa | /Xam | -30.47 | 19.77 | 2.43 | 70 | 69.62 | 0 | 0 | |
| 82 | Australia-Queensland | Kaurareg | -9.77 | 142.12 | 35.00 | 35 | 22.17 | 1 | 0 | |
| 83 | Australia-Northern Territory | Larikia | -11.60 | 130.78 | 40.00 | 20 | -68.58 | 1 | 0 | |
| 84 | Australia-Northern Territory | Gunwinggu | -11.43 | 134.12 | 17.84 | 40 | -63.67 | 1 | 1 | |
| 85 | Australia-Northern Territory | Mirrngadja | -11.31 | 135.20 | 38.50 | 40 | -72.36 | 1 | 0 | |
| 86 | Australia-Northern Territory | Anbara | -11.20 | 134.73 | 43.70 | 35 | -62.42 | 1 | 0 | |
| 87 | Australia-Northern Territory | Gidjingali (Yolngu) | -11.18 | 134.40 | 72.70 | 35 | -63.67 | 1 | 1 | |
| 88 | Australia-Northern Territory | Murngin (Forest-river) | -11.93 | 135.84 | 11.76 | 55 | -72.36 | 1 | 1 | |
| 89 | Australia-Western Australia | Jeidji | -14.55 | 128.19 | 17.00 | 60 | -73.94 | 0 | 0 | |
| 90 | Australia-Queensland | Wikmunkan | -12.47 | 142.00 | 19.31 | 50 | -47.22 | 1 | 1 | |
| 91 | Australia-Northern Territory | Kakadu | -12.13 | 132.95 | 8.80 | 55 | -63.96 | 1 | 1 | |
| 92 | Australia-Northern Territory | Nunggubuyu | -12.76 | 135.98 | 23.00 | 30 | -66.73 | 1 | 1 | |
| 93 | Australia-Queensland | Yintjingga | -13.00 | 143.50 | 31.00 | 20 | -47.86 | 1 | 1 | |
| 94 | Australia-Queensland | Yir-yoront | -14.00 | 142.17 | 8.00 | 65 | -56.94 | 1 | 1 | |
| 95 | Australia-Northern Territory | Tiwi | -10.59 | 130.87 | 37.50 | 40 | -74.41 | 1 | 1 | |
| 96 | Australia-Queensland | Kuku-yalanji | -14.92 | 145.32 | 50.00 | 35 | -25.29 | 1 | 1 | |
| 97 | Australia-Northern Territory | Groote-eylandt | -13.00 | 136.62 | 22.90 | 30 | -69.71 | 1 | 0 | |
| 98 | Australia-Queensland | Walmbaria | -13.34 | 144.22 | 58.00 | 25 | -51.40 | 1 | 0 | |
| 99 | Australia-Northern Territory | Mulluk | -12.58 | 130.58 | 45.00 | 30 | -63.83 | 1 | 0 | |
| 100 | Australia-Western Australia | Worora | -14.32 | 124.72 | 11.00 | 60 | -59.94 | 0 | 1 | |
| 101 | Australia-Western Australia | Lungga | -15.91 | 127.83 | 4.50 | 60 | -57.76 | 0 | 0 | |
| 102 | Australia-Queensland | Lardil | -15.30 | 139.30 | 30.00 | 35 | -68.53 | 1 | 0 | |
| 103 | Australia-Queensland | Kaiadilt | -15.94 | 139.28 | 66.00 | 13 | -68.53 | 1 | 0 | |
| 104 | Australia-Western Australia | Karadjeri | -17.92 | 121.21 | 3.75 | 55 | -9.35 | 0 | 0 | |
| 105 | Australia-Queensland | Mamu | -16.64 | 145.84 | 45.00 | 68 | -35.85 | 0 | 0 | |
| 106 | Australia-Western Australia | Kariera | -19.88 | 118.27 | 9.50 | 55 | 46.86 | 0 | 1 | |
| 107 | Australia-Queensland | Warunggu | -17.41 | 145.61 | 16.28 | 24 | -32.61 | 1 | 0 | |
| 108 | Australia-Western Australia | Djaru | -18.16 | 130.00 | 3.98 | 65 | 40.90 | 0 | 0 | |
| 109 | Australia-Northern Territory | Walbiri | -19.00 | 130.57 | 1.16 | 70 | 44.90 | 0 | 1 | |
| 110 | Australia-Queensland | Ngatjan | -16.36 | 145.56 | 59.80 | 65 | -39.43 | 1 | 0 | |
| 111 | Australia-Western Australia | Mardudjara | -21.79 | 125.06 | 0.75 | 70 | 52.34 | 0 | 1 | |
| 112 | Australia-Western Australia | Ildawongga | -21.93 | 127.18 | 0.45 | 80 | 46.47 | 0 | 0 | |
| 113 | Australia-Northern Territory | Pintubi | -21.86 | 129.44 | 1.50 | 65 | 45.70 | 0 | 1 | |
| 114 | Australia-Queensland | Undanbi | -26.28 | 153.24 | 21.74 | 20 | 0.30 | 0 | 0 | |
| 115 | Australia-Queensland | Jinibarra | -26.25 | 152.87 | 16.00 | 55 | 42.45 | 0 | 0 | |
| 116 | Australia-Queensland | Karuwali | -23.41 | 141.64 | 2.00 | 65 | 37.49 | 0 | 0 | |
| 117 | Australia-Northern Territory | Alyawara | -21.27 | 135.17 | 1.21 | 65 | 50.56 | 0 | 0 | |
| 118 | Australia-Western Australia | Ngatatjara | -24.32 | 127.27 | 0.40 | 75 | 49.15 | 0 | 1 | |
| 119 | Australia-New South Wales | Badjalang | -28.59 | 152.78 | 13.40 | 35 | 56.69 | 0 | 0 | |
| 120 | Australia-Northern Territory | Pitjandjara | -25.00 | 130.00 | 0.60 | 65 | 44.88 | 0 | 1 | |
| 121 | Australia-South Australia | Dieri | -27.54 | 139.09 | 1.93 | 55 | 50.15 | 0 | 1 | |
| 122 | Australia-Northern Territory | Arenda (southern) | -25.09 | 135.52 | 1.10 | 65 | 57.21 | 0 | 1 | |
| 123 | Australia-South Australia | Jankundjara | -26.00 | 131.95 | 65.00 | 35 | 47.52 | 0 | 0 | |
| 124 | Australia-Northern Territory | Arenda (northern) | -22.70 | 133.76 | 2.66 | 55 | 45.55 | 0 | 1 | |
| 125 | Australia-New South Wales | Ualaria | -28.30 | 147.25 | 9.00 | 45 | 54.30 | 0 | 0 | |
| 126 | Australia-Western | Nakako | -26.31 | 128.19 | 0.87 | 50 | 46.76 | 0 | 0 | |
| 127 | Australia-Western | Ooldea | -29.38 | 131.81 | 0.47 | 55 | 41.19 | 0 | 0 | |
| 128 | Australia-New South Wales | Barkindji | -31.40 | 142.25 | 15.43 | 40 | 56.41 | 0 | 1 | |
| 129 | Australia-South | Karuna | -33.56 | 138.40 | 18.00 | 45 | 52.83 | 0 | 0 | |
| 130 | Australia-New South Wales | Wongaibon | -31.14 | 146.09 | 5.12 | 40 | 57.87 | 0 | 1 | |
| 131 | Australia-South | Jaralde | -34.06 | 139.29 | 40.00 | 45 | 56.48 | 0 | 0 | |
| 132 | Australia-Western | Mineng | -33.95 | 117.81 | 7.00 | 40 | 84.99 | 0 | 0 | |
| 133 | Australia-Victoria | Tjapwurong | -34.86 | 141.38 | 35.00 | 35 | 68.44 | 0 | 0 | |
| 134 | Australia-Victoria | Bunurong | -37.93 | 145.07 | 25.04 | 35 | 85.36 | 0 | 0 | |
| 135 | Australia-Victoria | Kurnai | -36.59 | 147.42 | 17.70 | 45 | 84.46 | 0 | 0 | |
| 136 | Tasmania | Tasmanians (eastern) | -41.62 | 147.49 | 8.17 | 25 | 67.29 | 1 | 0 | |
| 137 | Tasmania | Tasmanians (western) | -40.38 | 145.21 | 13.35 | 15 | 46.62 | 0 | 0 | |
| 143 | Mexico | Seri | 29.59 | -111.18 | 25.48 | 30 | 38.89 | 0 | 0 | |
| 144 | California | Cahuilla | 33.59 | -115.24 | 43.75 | 75 | 39.18 | 0 | 1 | |
| 145 | California | Cupeno | 33.26 | -115.59 | 48.80 | 75 | 37.80 | 0 | 0 | |
| 146 | Mexico | Kiliwa | 31.44 | -114.25 | 12.25 | 55 | 37.32 | 0 | 1 | |
| 147 | California | Diegueno | 32.44 | -115.49 | 18.10 | 55 | 38.10 | 0 | 1 | |
| 148 | California | LakeYokuts | 36.00 | -118.83 | 38.10 | 50 | 58.53 | 0 | 1 | |
| 149 | California | Serrano | 34.52 | -116.00 | 17.58 | 60 | 44.21 | 0 | 1 | |
| 150 | California | Luiseno | 33.42 | -116.30 | 67.90 | 60 | 46.05 | 0 | 1 | |
| 151 | California | Wukchurni | 36.45 | -117.96 | 24.21 | 45 | 54.28 | 0 | 0 | |
| 152 | California | Tubatulabal | 36.00 | -117.32 | 17.20 | 50 | 49.83 | 0 | 1 | |
| 153 | California | Nornlaki | 40.00 | -121.56 | 35.00 | 60 | 63.20 | 1 | 1 | |
| 154 | California | Northern Foothill Yokuts | 37.44 | -119.44 | 38.29 | 50 | 63.02 | 1 | 1 | |
| 155 | California | Patwin | 39.08 | -121.05 | 82.00 | 50 | 55.07 | 1 | 1 | |
| 156 | California | Gabrielino | 34.00 | -117.00 | 64.90 | 40 | 56.28 | 1 | 1 | |
| 157 | California | Monache | 36.60 | -116.08 | 28.70 | 50 | 44.01 | 0 | 1 | |
| 158 | California | Eastern Pomo | 39.03 | -121.94 | 127.00 | 60 | 71.35 | 1 | 1 | |
| 159 | California | Clear-Lake Pomo | 39.12 | -121.94 | 308.70 | 65 | 71.35 | 1 | 1 | |
| 160 | California | Wintu | 40.90 | -121.35 | 58.82 | 35 | 72.58 | 1 | 1 | |
| 161 | California | Churnash | 34.63 | -118.60 | 118.20 | 25 | 66.69 | 1 | 1 | |
| 162 | California | Chirnariko | 40.85 | -122.30 | 50.00 | 30 | 55.82 | 1 | 1 | |
| 163 | California | Nisenan | 39.03 | -120.15 | 39.75 | 50 | 76.35 | 1 | 1 | |
| 164 | California | Salinan | 35.47 | -119.84 | 37.40 | 50 | 62.71 | 0 | 1 | |
| 165 | California | Pomo (Southern) | 38.54 | -121.88 | 110.80 | 45 | 48.11 | 1 | 1 | |
| 166 | California | Sinkyone | 40.10 | -122.96 | 136.44 | 40 | 44.27 | 1 | 1 | |
| 167 | California | Lessik | 40.18 | -122.16 | 97.20 | 45 | 46.63 | 1 | 0 | |
| 168 | California | Miwok (Coast) | 38.24 | -121.88 | 53.57 | 40 | 2.96 | 1 | 0 | |
| 169 | California | Mattole | 40.17 | -123.04 | 116.40 | 40 | 49.35 | 1 | 1 | |
| 170 | California | Miwok (Lake) | 38.79 | -121.48 | 65.00 | 60 | 49.75 | 1 | 1 | |
| 171 | California | Yuki (Proper) | 39.70 | -122.15 | 131.60 | 50 | 49.48 | 1 | 1 | |
| 172 | California | Wappo | 38.59 | -121.54 | 120.60 | 55 | 48.11 | 1 | 1 | |
| 173 | California | Pomo (Northern) | 39.34 | -122.29 | 108.40 | 50 | 72.23 | 1 | 1 | |
| 174 | California | Yana | 40.38 | -121.89 | 31.30 | 45 | 63.20 | 1 | 1 | |
| 175 | California | Miwok | 38.00 | -118.77 | 24.54 | 55 | 68.57 | 0 | 1 | |
| 176 | Oregon | Tekelrna | 42.44 | -122.48 | 12.85 | 35 | 73.22 | 1 | 1 | |
| 177 | California | Yuki (Coast) | 39.64 | -122.74 | 66.96 | 25 | 49.42 | 1 | 1 | |
| 178 | California | Tolowa | 41.87 | -122.92 | 122.00 | 25 | 66.57 | 1 | 1 | |
| 179 | California | Shasta | 41.62 | -121.70 | 25.00 | 45 | 78.40 | 1 | 1 | |
| 180 | California | Hupa | 40.93 | -122.61 | 80.00 | 35 | 54.49 | 1 | 1 | |
| 181 | Oregon | Tututni | 42.61 | -123.04 | 67.07 | 10 | 89.20 | 1 | 1 | |
| 182 | California | Karok | 41.58 | -122.47 | 46.90 | 35 | 71.46 | 1 | 1 | |
| 183 | California | Atsugewi | 40.75 | -120.12 | 17.93 | 35 | 75.86 | 0 | 1 | |
| 184 | California | Wiyot | 40.75 | -123.14 | 107.93 | 30 | 57.75 | 1 | 1 | |
| 185 | California | Maidu (Mountain) | 40.28 | -119.56 | 23.50 | 50 | 68.41 | 0 | 1 | |
| 186 | California | Yurok | 41.40 | -122.89 | 131.00 | 20 | 63.81 | 1 | 1 | |
| 187 | California | Achurnawi | 41.32 | -120.19 | 17.25 | 30 | 77.32 | 0 | 1 | |
| 188 | Oregon | Modoc | 42.00 | -120.31 | 22.89 | 45 | 65.89 | 0 | 1 | |
| 189 | Oregon | Klamath | 42.62 | -120.50 | 13.36 | 30 | 71.46 | 0 | 1 | |
| 190 | Mexico | Guaicura | 25.00 | -110.54 | 6.00 | 70 | 56.76 | 1 | 0 | |
| 191 | Mexico | Chichimec | 22.00 | -99.00 | 9.00 | 65 | -35.25 | 0 | 0 | |
| 192 | California | Death Valley | 36.52 | -115.81 | 1.29 | 75 | 46.57 | 0 | 1 | |
| 193 | Texas | Karankawa | 28.44 | -95.91 | 21.00 | 30 | 71.91 | 1 | 0 | |
| 194 | Mexico | Coahuilenos | 26.00 | -101.07 | 1.68 | 65 | 64.61 | 1 | 0 | |
| 195 | California | Panamint Shoshoni | 36.37 | -116.33 | 2.12 | 65 | 42.58 | 0 | 1 | |
| 196 | Arizona | Yavapai | 33.37 | -109.50 | 1.48 | 60 | 45.85 | 0 | 1 | |
| 197 | California | Koso Mountain Shoshoni | 36.12 | -116.70 | 8.57 | 60 | 40.63 | 0 | 1 | |
| 198 | Arizona | Walapai | 35.95 | -113.50 | 3.86 | 65 | 45.98 | 0 | 1 | |
| 199 | California | Kawaiisu Shoshoni | 35.37 | -117.00 | 11.90 | 60 | 44.14 | 0 | 1 | |
| 200 | California | Saline Valley Shoshoni | 36.65 | -116.79 | 2.32 | 60 | 41.33 | 0 | 1 | |
| 201 | Colorado | Antarianunt Southern Paiute | 37.86 | -109.72 | 3.45 | 50 | 73.89 | 0 | 1 | |
| 202 | California | Owens Valley Shoshoni | 36.88 | -117.18 | 38.04 | 65 | 44.23 | 0 | 1 | |
| 203 | Nevada | Kawich Mountain Shoshoni | 37.92 | -115.45 | 1.99 | 55 | 53.37 | 0 | 1 | |
| 204 | Arizona | Kaibab Southern Paiute | 36.90 | -111.55 | 3.71 | 60 | 52.27 | 0 | 1 | |
| 205 | California | Mono Lake Paiute | 38.11 | -117.85 | 5.90 | 48 | 59.43 | 0 | 0 | |
| 206 | California | Deep Spring Paiute | 37.28 | -117.00 | 3.54 | 55 | 50.49 | 0 | 1 | |
| 207 | Idaho | Salmon-eater Shoshone | 42.94 | -114.30 | 6.90 | 30 | 90.38 | 1 | 0 | |
| 208 | Nevada | Pyramid Lake Paiute | 40.00 | -118.60 | 18.53 | 50 | 75.02 | 0 | 1 | |
| 209 | Utah | Ute-Timanogas | 40.22 | -110.81 | 3.47 | 40 | 84.59 | 0 | 1 | |
| 210 | Nevada | Cattail Paiute | 40.12 | -117.37 | 22.00 | 50 | 46.18 | 0 | 1 | |
| 211 | Nevada | Fish Lake Paiute | 37.69 | -117.14 | 3.89 | 50 | 53.60 | 0 | 1 | |
| 212 | California | Honey Lake Pauite | 40.27 | -119.44 | 10.60 | 40 | 70.51 | 0 | 1 | |
| 213 | Utah | Hukunduka Shoshoni | 41.55 | -111.22 | 2.96 | 45 | 85.74 | 0 | 1 | |
| 214 | Utah | Gosiute Shoshoni | 39.88 | -113.00 | 1.67 | 50 | 67.12 | 0 | 1 | |
| 215 | Nevada | Spring Valley Shoshoni | 39.19 | -113.48 | 6.09 | 45 | 67.21 | 0 | 1 | |
| 216 | Nevada | White Knife Shoshoni | 41.00 | -116.31 | 11.71 | 40 | 63.25 | 0 | 1 | |
| 217 | Nevada | Rainroad Valley Shoshoni | 38.33 | -114.78 | 4.28 | 55 | 57.12 | 0 | 1 | |
| 218 | Nevada | Reese River Paiute | 39.25 | -116.32 | 16.70 | 45 | 55.50 | 0 | 1 | |
| 219 | California | North Fork Paiute | 37.00 | -118.07 | 16.04 | 40 | 61.80 | 0 | 0 | |
| 221 | Utah | Grouse Creek Shoshoni | 41.59 | -112.94 | 1.64 | 40 | 86.25 | 0 | 1 | |
| 222 | Utah | Ute Wimonantci | 37.67 | -108.00 | 2.60 | 35 | 83.37 | 0 | 1 | |
| 223 | Oregon | Bear Creek Paiute | 43.94 | -119.49 | 1.10 | 45 | 73.35 | 0 | 0 | |
| 224 | Nevada | Antelope Valley Shoshoni | 40.19 | -113.24 | 1.13 | 50 | 68.88 | 0 | 1 | |
| 225 | Nevada | Washo | 39.08 | -118.82 | 14.90 | 48 | 76.26 | 0 | 1 | |
| 226 | Nevada | Surprise Valley Paiute | 41.50 | -119.06 | 13.59 | 50 | 72.27 | 0 | 1 | |
| 227 | Wyoming | Wind River Shoshoni | 43.19 | -107.86 | 1.87 | 20 | 93.11 | 0 | 1 | |
| 228 | Nevada | Ruby Valley Shoshoni | 40.36 | -114.39 | 13.79 | 55 | 66.37 | 0 | 1 | |
| 229 | Idaho | Bohogue-North Shoshoni | 43.00 | -111.00 | 1.04 | 30 | 91.58 | 0 | 1 | |
| 230 | Utah | Uintah-Ute | 40.47 | -109.22 | 7.48 | 40 | 87.95 | 0 | 1 | |
| 231 | Oregon | Harney Valley Paiute | 43.25 | -118.14 | 1.24 | 45 | 77.25 | 0 | 1 | |
| 232 | Idaho | Sheep-eater Shoshoni | 45.17 | -112.84 | 6.24 | 20 | 80.74 | 0 | 0 | |
| 233 | Nevada | Little Smoky Shoshoni | 39.33 | -114.84 | 1.82 | 45 | 65.88 | 0 | 1 | |
| 234 | Utah | Uncompahgre Ute | 38.14 | -106.80 | 4.29 | 35 | 86.72 | 0 | 1 | |
| 240 | Texas | Lipan Apache | 28.96 | -97.48 | 0.51 | 60 | 76.28 | 1 | 0 | |
| 241 | Texas | Comanche | 36.83 | -99.50 | 2.33 | 20 | 77.50 | 0 | 0 | |
| 242 | Texas | Chiricahua Apache | 32.52 | -100.76 | 1.16 | 60 | 68.47 | 0 | 0 | |
| 243 | Kansas | Kiowa | 36.90 | -98.10 | 1.40 | 20 | 79.75 | 0 | 0 | |
| 244 | Texas | Kiowa Apache | 35.83 | -97.90 | 4.14 | 10 | 82.22 | 0 | 0 | |
| 245 | Colorado | Cheyenne | 38.83 | -101.35 | 4.82 | 15 | 75.33 | 0 | 1 | |
| 246 | Colorado | Arapahoe | 40.13 | -101.72 | 7.50 | 20 | 72.04 | 0 | 1 | |
| 248 | Wyoming | Crow | 45.83 | -107.48 | 5.81 | 20 | 73.70 | 0 | 1 | |
| 249 | South Dakota | Teton Lakota | 44.50 | -101.27 | 8.77 | 10 | 79.30 | 0 | 0 | |
| 250 | Montana | Kutenai | 47.48 | -113.08 | 2.01 | 15 | 88.71 | 1 | 1 | |
| 252 | Idaho | Bannock | 43.66 | -111.32 | 2.31 | 30 | 90.03 | 0 | 1 | |
| 253 | Montana | Gros-Ventre | 48.12 | -104.60 | 3.37 | 20 | 83.55 | 1 | 0 | |
| 254 | North Dakota | Plains Ojibwa | 47.60 | -96.25 | 2.79 | 10 | 85.02 | 1 | 0 | |
| 255 | Alberta | Peigan | 49.34 | -110.21 | 2.54 | 20 | 85.46 | 0 | 0 | |
| 256 | Alberta | Blackfoot | 51.01 | -109.76 | 3.46 | 20 | 84.62 | 1 | 1 | |
| 257 | Saskatchewan | Assiniboine | 49.49 | -101.43 | 3.21 | 20 | 96.20 | 1 | 1 | |
| 258 | Saskatchewan | Plains Cree | 51.86 | -101.67 | 2.73 | 10 | 83.11 | 1 | 1 | |
| 259 | Alberta | Blood | 52.79 | -112.86 | 4.44 | 10 | 73.22 | 1 | 0 | |
| 260 | Alberta | Sarsi | 53.15 | -110.04 | 1.75 | 10 | 93.70 | 1 | 0 | |
| 268 | British Columbia | Squamish | 49.77 | -122.19 | 56.50 | 15 | 60.10 | 1 | 0 | |
| 269 | Oregon | Alsea | 44.42 | -122.84 | 96.80 | 10 | 73.35 | 1 | 0 | |
| 270 | Washington | Puyallup | 47.11 | -121.04 | 36.75 | 15 | 83.98 | 1 | 1 | |
| 271 | Washington | Twana | 47.55 | -122.16 | 32.40 | 10 | 71.36 | 1 | 1 | |
| 272 | Washington | Chehalis | 46.87 | -122.67 | 21.97 | 15 | 61.44 | 1 | 1 | |
| 273 | British Columbia | Nootka | 49.34 | -124.74 | 153.90 | 5 | 67.63 | 1 | 1 | |
| 274 | Oregon | Chinook | 46.06 | -122.75 | 33.80 | 15 | 51.13 | 1 | 0 | |
| 275 | Oregon | Coos | 43.43 | -123.11 | 104.20 | 10 | 89.54 | 1 | 1 | |
| 276 | British Columbia | Lillooet | 50.46 | -122.00 | 23.50 | 10 | 69.67 | 1 | 1 | |
| 277 | Washington | Lummi | 48.84 | -121.34 | 104.63 | 10 | 69.43 | 1 | 1 | |
| 278 | Washington | Quinault | 47.38 | -122.82 | 58.70 | 10 | 84.07 | 1 | 1 | |
| 279 | British Columbia | Stalo | 49.23 | -121.70 | 66.00 | 10 | 62.84 | 1 | 1 | |
| 280 | British Columbia | Cowichan | 48.41 | -122.64 | 34.75 | 10 | 77.04 | 1 | 1 | |
| 281 | Oregon | Tillamook | 45.40 | -122.82 | 41.32 | 30 | 58.32 | 1 | 1 | |
| 282 | British Columbia | Comox | 50.00 | -124.50 | 55.00 | 10 | 64.65 | 1 | 1 | |
| 283 | British Columbia | Bella-Bella | 52.87 | -126.87 | 20.51 | 10 | 65.26 | 1 | 0 | |
| 284 | Washington | Quileute | 47.77 | -123.14 | 104.30 | 10 | 94.06 | 1 | 1 | |
| 285 | Washington | Clallam | 47.95 | -122.55 | 70.00 | 10 | 93.84 | 1 | 1 | |
| 286 | Washington | Makah | 48.22 | -123.58 | 123.00 | 10 | 72.64 | 1 | 1 | |
| 287 | British Columbia | Haisla | 53.50 | -127.42 | 19.10 | 10 | 81.04 | 1 | 1 | |
| 288 | British Columbia | Kwakiutl | 50.42 | -125.67 | 68.70 | 5 | 36.28 | 1 | 1 | |
| 289 | British Columbia | Tsimshim | 54.00 | -128.58 | 41.90 | 5 | 90.93 | 1 | 1 | |
| 290 | British Columbia | Haida | 53.54 | -131.29 | 97.09 | 1 | 8.83 | 1 | 0 | |
| 291 | British Columbia | Bella-Coola | 52.32 | -125.58 | 13.00 | 5 | 65.31 | 1 | 1 | |
| 292 | Alaska | Tlingit | 57.00 | -132.59 | 11.42 | 15 | 74.11 | 1 | 0 | |
| 293 | British Columbia | Gitksan | 55.65 | -127.06 | 23.58 | 30 | 95.62 | 1 | 1 | |
| 294 | Alaska | Konaig | 57.93 | -152.16 | 30.60 | 5 | -23.41 | 1 | 0 | |
| 295 | Alaska | Eyak | 60.48 | -143.00 | 5.86 | 0 | -3.69 | 1 | 0 | |
| 296 | Alaska | Kuskowagmut | 61.01 | -160.55 | 17.30 | 5 | 95.78 | 1 | 0 | |
| 297 | Alaska | Chugash | 61.21 | -146.61 | 12.10 | 0 | 67.34 | 1 | 0 | |
| 298 | Alaska | Aleut | 55.00 | -161.85 | 54.65 | 1 | -20.00 | 1 | 0 | |
| 299 | Alaska | Nunavak | 60.03 | -165.30 | 19.22 | 15 | 44.98 | 1 | 0 | |
| 315 | Washington | Tenino | 45.59 | -119.45 | 19.00 | 30 | 65.14 | 1 | 0 | |
| 316 | Washington | Umatiela | 45.49 | -118.94 | 10.50 | 30 | 73.01 | 1 | 1 | |
| 317 | Washington | Wenatchi | 47.41 | -119.31 | 50.17 | 20 | 67.60 | 1 | 0 | |
| 318 | Washington | Yakima | 46.33 | -119.27 | 27.00 | 30 | 66.55 | 1 | 0 | |
| 319 | Washington | Wishram | 45.72 | -120.13 | 231.70 | 25 | 69.73 | 0 | 1 | |
| 320 | Idaho | Coeur d'Alene | 47.42 | -115.34 | 1.50 | 20 | 96.07 | 1 | 1 | |
| 321 | Washington | Sinkaietk | 48.78 | -118.56 | 14.51 | 15 | 95.81 | 1 | 1 | |
| 322 | British Columbia | Okanogan | 49.46 | -118.63 | 13.27 | 25 | 94.63 | 1 | 1 | |
| 323 | Washington | San poil | 47.94 | -117.44 | 11.20 | 25 | 89.64 | 1 | 0 | |
| 324 | Idaho | Nez-Perce | 46.25 | -115.46 | 8.88 | 33 | 95.74 | 1 | 1 | |
| 325 | British Columbia | Thompson | 51.26 | -120.75 | 33.20 | 20 | 80.00 | 1 | 1 | |
| 326 | Idaho | Kalispel | 47.94 | -114.67 | 1.50 | 20 | 95.26 | 1 | 1 | |
| 327 | Michigan | Ojibwa (Kitchibuan) | 45.21 | -84.10 | 5.00 | 15 | 88.58 | 1 | 0 | |
| 328 | Wisconsin | Kitikitegon | 45.00 | -90.00 | 3.09 | 15 | 84.67 | 1 | 0 | |
| 329 | New Brunswick | Micmac | 46.99 | -64.00 | 4.32 | 10 | 85.67 | 1 | 0 | |
| 330 | Montana | Flathead Ojibwa | 46.28 | -112.26 | 1.50 | 20 | 82.35 | 1 | 1 | |
| 331 | Ontario | Rainy River | 45.21 | -84.10 | 1.21 | 10 | 88.58 | 1 | 0 | |
| 332 | Ontario – Northern | Saulteaux | 52.28 | -95.78 | 1.20 | 5 | 94.17 | 1 | 1 | |
| 333 | Alberta | Shuswap | 53.41 | -118.53 | 12.40 | 15 | 97.16 | 1 | 0 | |
| 334 | Ontario | Pekangekum Ojibwa | 51.84 | -92.85 | 3.08 | 10 | 86.38 | 1 | 1 | |
| 335 | Ontario | Round Lake Ojibwa | 52.71 | -89.62 | 1.75 | 15 | 97.84 | 1 | 0 | |
| 336 | British Columbia | Alcatcho | 51.32 | -123.02 | 7.50 | 10 | 75.73 | 1 | 0 | |
| 337 | Ontario | Nipigon Ojibwa | 49.34 | -87.31 | 0.87 | 10 | 77.10 | 1 | 0 | |
| 338 | Quebec | Mistassini Cree | 51.75 | -71.66 | 0.58 | 1 | 85.21 | 1 | 0 | |
| 339 | Ontario | Ojibwa (Northern Albany) | 51.22 | -82.10 | 1.43 | 5 | 61.51 | 1 | 0 | |
| 340 | Quebec | Waswanip Cree | 49.78 | -75.64 | 0.41 | 5 | 90.24 | 1 | 0 | |
| 341 | Ontario | Weagamon Ojibwa | 52.79 | -89.64 | 0.51 | 10 | 97.84 | 1 | 0 | |
| 342 | Quebec | Montagnais | 52.42 | -62.33 | 0.41 | 10 | 80.38 | 1 | 0 | |
| 343 | Alberta | Sekani | 56.14 | -119.00 | 0.82 | 10 | 96.44 | 1 | 0 | |
| 344 | Alberta | Beaver | 58.51 | -114.76 | 0.51 | 10 | 95.40 | 1 | 1 | |
| 345 | Northwest Territories | Slave | 61.15 | -118.50 | 1.00 | 10 | 81.93 | 1 | 1 | |
| 346 | British Columbia | Kaska | 59.73 | -124.00 | 0.90 | 10 | 92.73 | 1 | 0 | |
| 347 | British Columbia | Tahltan | 57.66 | -126.85 | 1.16 | 10 | 75.70 | 1 | 1 | |
| 348 | British Columbia | Chilcotin | 51.68 | -123.00 | 11.52 | 10 | 79.59 | 1 | 1 | |
| 349 | British Columbia | Carrier | 53.33 | -122.15 | 7.59 | 10 | 88.39 | 1 | 1 | |
| 350 | Northwest Territories | Mountain | 63.68 | -124.37 | 0.78 | 10 | 98.81 | 1 | 0 | |
| 351 | Yukon | Han | 64.79 | -140.20 | 1.80 | 10 | 92.61 | 1 | 0 | |
| 352 | Northwest Territories | Hare | 67.47 | -124.00 | 0.33 | 10 | 76.39 | 1 | 0 | |
| 353 | Ontario | Attawapiskat Cree | 53.62 | -82.88 | 1.43 | 5 | 78.91 | 1 | 0 | |
| 354 | Alaska | Koyukon | 66.52 | -152.78 | 1.09 | 5 | 95.78 | 1 | 0 | |
| 355 | Saskatchewan | Chippewyan | 59.47 | -105.19 | 0.46 | 5 | 79.29 | 1 | 0 | |
| 356 | Yukon | Kutchin | 65.94 | -134.23 | 1.70 | 2 | 91.30 | 1 | 1 | |
| 357 | Alaska | Ingalik | 61.82 | -156.75 | 2.71 | 2 | 96.47 | 1 | 1 | |
| 358 | Northwest Territories | Satudene | 65.75 | -121.89 | 0.55 | 3 | 82.49 | 1 | 0 | |
| 359 | Alaska | Nabesna | 63.44 | -142.12 | 0.77 | 3 | 94.49 | 1 | 1 | |
| 360 | Quebec | Rupert House Cree | 51.08 | -76.81 | 0.90 | 3 | 67.20 | 1 | 0 | |
| 361 | Northwest Territories | Dogrib | 63.85 | -114.61 | 0.88 | 3 | 60.79 | 1 | 0 | |
| 362 | Alaska | Tanaina | 61.74 | -149.45 | 4.86 | 3 | 93.73 | 1 | 0 | |
| 363 | Alaska | Tutchone | 61.24 | -137.21 | 0.92 | 2 | 85.92 | 1 | 0 | |
| 364 | Alaska | Holikachuk | 63.33 | -156.54 | 1.52 | 2 | 97.85 | 1 | 0 | |
| 365 | Quebec | Naskapi | 56.19 | -67.92 | 0.42 | 73 | 82.24 | 1 | 0 | |
| 369 | Alaska | Norton Sound Inuit | 63.98 | -159.75 | 7.61 | 15 | 96.54 | 1 | 0 | |
| 370 | Alaska | Kobuk Inuit | 66.95 | -155.94 | 2.67 | 63 | 85.02 | 1 | 0 | |
| 371 | Alaska | Kotzebue Sound Inuit | 66.77 | -160.53 | 6.63 | 1 | 91.30 | 1 | 0 | |
| 372 | Newfoundland | Labrador Inuit | 57.97 | -61.02 | 2.78 | 0 | 94.00 | 1 | 0 | |
| 373 | Quebec | Great Whale Inuit | 55.32 | -76.69 | 1.86 | 0 | 41.45 | 1 | 0 | |
| 374 | Northwest Territories | Caribou Inuit | 64.33 | -95.20 | 0.30 | 0 | 89.81 | 1 | 0 | |
| 375 | Alaska | Noatak Inuit | 68.09 | -159.00 | 2.20 | 0 | 83.64 | 1 | 0 | |
| 377 | Alaska | Nunamiut Inuit | 68.18 | -150.71 | 0.96 | 0 | 83.02 | 1 | 0 | |
| 378 | Northwest Territories | Mackenzie Inuit | 69.96 | -131.09 | 3.84 | 0 | 90.37 | 1 | 0 | |
| 379 | Alaska | Sivokamiut Inuit | 63.49 | -169.31 | 15.00 | 0 | 16.29 | 1 | 0 | |
| 380 | Alaska | Point Hope Inuit | 68.29 | -165.62 | 4.20 | 0 | 80.60 | 0 | 0 | |
| 381 | Northwest Territories | Copper Inuit | 68.58 | -105.61 | 0.43 | 0 | 67.81 | 1 | 0 | |
| 382 | Northwest Territories | Utkuhikhaling-miut | 66.99 | -94.18 | 0.38 | 0 | 76.70 | 0 | 0 | |
| 383 | Northwest Territories | Aivilingmiut Inuit | 65.16 | -87.12 | 0.32 | 0 | 84.07 | 1 | 0 | |
| 384 | Northwest Territories | Ingulik Inuit | 69.44 | -80.51 | 0.54 | 0 | 41.50 | 0 | 0 | |
| 385 | Greenland | West Greenland | 69.31 | -49.21 | 4.73 | 0 | -40.40 | 0 | 0 | |
| 386 | Northwest Territories | Baffin Island Inuit | 65.00 | -64.00 | 1.26 | 0 | -30.06 | 1 | 0 | |
| 387 | Northwest Territories | Netsilik Inuit | 71.46 | -93.93 | 0.25 | 0 | 72.43 | 0 | 0 | |
| 388 | Greenland | Angmaksaslik | 65.63 | -36.64 | 7.72 | 0 | -42.34 | 0 | 0 | |
| 389 | Alaska | Tareumiut Inuit | 71.32 | -155.78 | 3.86 | 0 | 37.42 | 0 | 0 | |
| 390 | Greenland | Polar Inuit | 77.49 | -68.50 | 0.41 | 0 | 40.73 | 0 | 0 | |

**Table S1.2.** Sources for documentation of broadcast fire use among Binford’s hunter gatherers (presence of BFU only).

| **Group No.** | **State** | **Name** | **Source** | **Additional Info** |
| --- | --- | --- | --- | --- |
| 12 | Philippines | Agta-Casiguran | Masipiqueña, A.; Persoon, G.A.; Snelder, D.J. (2000). The use of fire in Northeastern Luzon (Philippines): Conflicting views of local people, scientists, and government officials. Ellen, P. Parks, & A. Bicker (Eds.), In *Indigenous environmental knowledge and its transformations: Critical anthropological perspectives,* pp. Harwood Academic Publishers, Amsterdam, pp.177-212. | Thomas Headland personal communication |
| 13 | Philippines | Agta-Isabela | Masipiqueña, A.; Persoon, G.A.; Snelder, D.J. (2000). The use of fire in Northeastern Luzon (Philippines): Conflicting views of local people, scientists, and government officials. Ellen, P. Parks, & A. Bicker (Eds.), In *Indigenous environmental knowledge and its transformations: Critical anthropological perspectives,* pp. Harwood Academic Publishers, Amsterdam, pp.177-212. | Thomas Headland personal communication |
| 14 | Philippines | Agta-North Luzon | Masipiqueña, A.; Persoon, G.A.; Snelder, D.J. (2000). The use of fire in Northeastern Luzon (Philippines): Conflicting views of local people, scientists, and government officials. Ellen, P. Parks, & A. Bicker (Eds.), In *Indigenous environmental knowledge and its transformations: Critical anthropological perspectives,* pp. Harwood Academic Publishers, Amsterdam, pp.177-212. |  |
| 16 | Thailand | Mrabri | Ohsawa, S., Nimonjiya, S., & Shimoda, A. (2014). Field notes on the dietary habits of the Mlabri hunter-gatherers in Thailand. *International Journal of Human Culture Studies*, 24, 234-244. |  |
| 38 | Venezuela | Yaruro-Pume | Yu, P. L. (1997). *Hungry lightning: Notes of a woman anthropologist in Venezuela*. Albuquerque, UNM Press, Albuquerque. |  |
| 40 | Colombia | Nukak | Scherjon, F., Bakels, C., MacDonald, K., &  Roebroeks, W. (2015). Burning the land: An ethnographic study of off-site fire use by current and historically documented foragers and implications for the interpretation of past fire practices in the landscape. | McIlwraith 1948 |
| 43 | Bolivia | Siriono | Stearman, A. & Redford, K. (1992). Commercial hunting by subsistence hunters: Siriono Indians and Paraguayan Caiman in lowland Bolivia. Human Organization 51, 235-244. |  |
| 51 | Argentina | Tehuelche | Scherjon, F., Bakels, C., MacDonald, K., &  Roebroeks, W. (2015). Burning the land: An ethnographic study of off-site fire use by current and historically documented foragers and implications for the interpretation of past fire practices in the landscape. | Williams 1979 |
| 69 | Tanzania | Hadza | Mallol, C., Marlowe, F.W., Wood, B.M., & Porter, C.C. (2007). Earth, wind, and fire: Ethnoarchaeological signals of Hadza fires. *Journal of Archaeological Science*, 34, 2035-2052. |  |
| 72 | Botswana | !Kung | Howell, N. (1979). Demography of the Dobe !Kung. Population and social structure. New York: Academic Press. http://ehrafworldcultures.yale.edu/document?id=fx10-019. | Yellen and Lee 1976, in Kalahari hunter-gatherers, eds Lee & de Vore |
| 74 | Botswana | G/Wi | Barsh, R.L. (1997) Fire on the land: there's nothing primitive about farmers using fire to sustain biodiversity. Alternatives Journal, 23(4) :36-40. |  |
| 84 | Australia-Northern | Gunwinggu | Russell-Smith, J., Lucas, D., Gapindi, M., Gunbunuka, B., Kapirigi, N., Namingum, G., ... & Chaloupka, G. (1997). Aboriginal resource utilization and fire management practice in western Arnhem Land, monsoonal northern Australia: notes for prehistory, less |  |
| 87 | Australia-Northern | Gidjingali | Jones, R (1980) Cleaning the country: The Gidjingali and their Arnhem land environment. BHP Journal 1, 10-15. |  |
| 88 | Austraila- Northern | Territory Murngin (Forest-river) | Keeley, L.H. (1995) Preagricultural practices among hunter-gatherers. In *Last hunters first farmers: New perspectives on the prehistoric transition to agriculture* pp 243-272. School of American Research, Santa Fe. |  |
| 90 | Australia-Queensland | Wikmunkan | Keeley, L.H. (1995) Preagricultural practices among hunter-gatherers. In *Last hunters first farmers: New perspectives on the prehistoric transition to agriculture* pp 243-272. School of American Research, Santa Fe. |  |
| 91 | Australia-Northern | Kakadu | Haynes, C.D. (1985). The pattern and ecology of Muwag: traditional aboriginal fire regimes in north central Arnhemland.  P*roceedings, Ecological Society of Australia* 13, 203-214. | Jones 1969 Australian Natural History 16(7): 224-228. |
| 92 | Australia-Northern | Nunggubuyu | Haynes, C.D. (1985). The pattern and ecology of Muwag: traditional aboriginal fire regimes in north central Arnhemland.  *Proceedings, Ecological Society of Australia* 13, 203-214. | Jones 1969 Australian Natural History 16(7): 224-228. |
| 93 | Australia-Queensland | Yintjingga | Williams, N.M. (1986). T*he Yolngu and thier land: a system of land tenure and the fight for its recognition*. Stanford University Press. |  |
| 94 | Australia-Queensland | Yir-yoront | Lewis, H. T. (1989). Ecological and technological knowledge of fire: Aborigines versus park rangers in northern Australia. *American Anthropologist,* 91(4), 940-961  Russell-Smith, J., Lucas, D., Gapindi, M., Gunbunuka, B., Kapirigi, N., Namingum, G., ... & Chaloupka, G. (1997). Aboriginal resource utilization and fire management practice in western Arnhem Land. *Human Ecolog*y 25(2), 159-195. |  |
| 95 | Australia-Northern | Tiwi | Scherjon, F., Bakels, C., MacDonald, K., &  Roebroeks, W. (2015). Burning the land: An ethnographic study of off-site fire use by current and historically documented foragers and implications for the interpretation of past fire practices in the landscape. *Current Anthropology* 56(3), 314-315. | Goodale, 1971 |
| 96 | Australia-Queensland | Kuku-Yalanji | Hill, R., & Baird, A. (2003). Kuku—Yalanji Rainforest aboriginal people and carbohydrate resource management in the wet tropics of Queensland, Australia. *Human Ecology*, 31(1), 27-52. |  |
| 100 | Australia-Western | Worora | Scherjon, F., Bakels, C., MacDonald, K., &  Roebroeks, W. (2015). Burning the land: An ethnographic study of off-site fire use by current and historically documented foragers and implications for the interpretation of past fire practices in the landscape. *Current Anthropology* 56(3), 314-315. | Vigilante, 2001 |
| 106 | Australia-Western | Kariera | Keeley, L.H. (1995) Preagricultural practices among hunter-gatherers. In *Last hunters first farmers: New perspectives on the prehistoric transition to agriculture* pp 243-272. School of American Research, Santa Fe. |  |
| 109 | Australia-Northern | Walbiri | Keeley, L.H. (1995) Preagricultural practices among hunter-gatherers. I*n Last hunters first farmers: New perspectives on the prehistoric transition to agriculture* pp 243-272. School of American Research, Santa Fe. |  |
| 111 | Australia-Western | Mardudjara | Tonkinson R. (1978) *The Mardudjara Aborigines: living the dream in Australia’s desert.* New York: Holt, Rhinehart and Winston. |  |
| 113 | Australia-Northern | Pintubi | Burrows, N.D., & Christensen, P. (1990).  In A survey of aboriginal fire patterns in the western desert of Australia, Fire and the environment: ecological and cultural perspectives. *Proceedings of an International Symposium,* Knoxville, Tennessee. |  |
| 118 | Australia-Western | Ngatatjara | Gould, R. A. (1971). Uses and effects of fire among the Western Desert Aborigines of Australia. The *Australian Journal of Anthropology,* 8(1), 14-24. |  |
| 120 | Australia-Northern | Pitjandjara | Burrows, N.D., & Christensen, P. (1990).  In *A survey of aboriginal fire patterns in the western desert of Australia, Fire and the environment: ecological and cultural perspective*s. Proceedings of an International Symposium, Knoxville, Tennessee, 1990; pp |  |
| 121 | Australia- South | Dieri | Keeley, L.H. (1995) Preagricultural practices among hunter-gatherers. In Last hunters first farmers: New perspectives on the prehistoric transition to agriculture pp 243-272. School of American Research, Santa Fe. |  |
| 122 | Australia- Northern | Arenda- southern | Keeley, L.H. (1995) Preagricultural practices among hunter-gatherers. In Last hunters first farmers: New perspectives on the prehistoric transition to agriculture pp 243-272. School of American Research, Santa Fe. |  |
| 124 | Australia-Northern | Arenda- northern | Scherjon, F., Bakels, C., MacDonald, K., &  Roebroeks, W. (2015). Burning the land: An ethnographic study of off-site fire use by current and historically documented foragers and implications for the interpretation of past fire practices in the landscape. *Current Anthropology* 56(3), 314-315. | Spencer 1927 |
| 128 | Australia-New | Barkindji | Norris, E. H., & Thomas, J. (1991). Vegetation on rocky outcrops and ranges in central and south-western New South Wales.*Cunninghamia*, 2(3), 411-441. |  |
|  |  |  |  |  |
| 130 | Australia-New | South Wales Wongaibon | Keeley, L.H. (1995) Preagricultural practices among hunter-gatherers. In Last hunters first farmers: New perspectives on the prehistoric transition to agriculture pp 243-272. School of American Research, Santa Fe. |  |
| 144 | California | Cahuilla | Williams, G.W. (2005). References on the American Indian use of fire in ecosystems; U.S. Department of Agriculture, Forest Service, Washington, DC. Available from www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs144p2\_051334.pdf |  |
| 146 | Mexico | Kiliwa | Keeley, L.H. (1995) Preagricultural practices among hunter-gatherers. In Last hunters first farmers: New perspectives on the prehistoric transition to agriculture pp 243-272. School of American Research, Santa Fe. |  |
| 147 | California | Diegueno | Williams, G.W. (2005). References on the American Indian use of fire in ecosystems; U.S. Department of Agriculture, Forest Service, Washington, DC. Available from www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs144p2\_051334.pdf |  |
| 148 | California | LakeYokuts | Williams, G.W. (2005). References on the American Indian use of fire in ecosystems; U.S. Department of Agriculture, Forest Service, Washington, DC. Available from www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs144p2\_051334.pdf |  |
| 149 | California | Serrano | Williams, G.W. (2005). References on the American Indian use of fire in ecosystems; U.S. Department of Agriculture, Forest Service, Washington, DC. Available from www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs144p2\_051334.pdf |  |
| 150 | California | Luiseno | Williams, G.W. (2005). References on the American Indian use of fire in ecosystems; U.S. Department of Agriculture, Forest Service, Washington, DC. Available from www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs144p2\_051334.pdf |  |
| 152 | California | Tubatulabal | Williams, G.W. (2005). References on the American Indian use of fire in ecosystems; U.S. Department of Agriculture, Forest Service, Washington, DC. Available from www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs144p2\_051334.pdf |  |
| 153 | California | Nornlaki | Stewart, O. C. (2002). *Forgotten fires: Native Americans and the transient wilderness*. Norman, OK: University of Oklahoma Press. |  |
| 154 | California - North | Foothill Yokuts | Anderson, M. K. (2006). The use of fire by Native Americans in California. Fire in California’s ecosystems. University of California Press, Berkeley, California, USA, 417-430. |  |
| 155 | California | Patwin | Williams, G.W. (2005). References on the American Indian use of fire in ecosystems; U.S. Department of Agriculture, Forest Service, Washington, DC. Available from www.nrcs.usda.gov/Internet/FSE\_DOCUMENTS/nrcs144p2\_051334.pdf |  |
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Table S1.3 Explanation of Binford’s socioeconomic variables tested in this paper.

|  |  |
| --- | --- |
| **Variable** | **Description** |
| Gathering\* | Percent of the diet contributed by gathering terrestrial plants |
| Hunting | Percent of the diet contributed by hunting |
| Fishing | Percent of the diet contributed by fishing |
| Dismov | Total distance of residential moves in a year |
| Nomov | Average number of residential moves made by a household within the group (number of moves) |
| Density\* | The population density of the area occupied by the group |
| Grppat1 | A dummy variable (0,1) where 1 = entire group is mobile, 0 = sedentary |
| Group1 | Mean size of mobile consumer group during dispersed time of year |
| Group2 | Mean size of logistical mobile task group operating out of base camp |
| Group3 | Mean size of periodic aggregate multi-group encampments |

\*Included in final logistic regression models