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An Ornithological Gazetteer of Peru (Based on Information Compiled by J. T. Zimmer)

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John Todd Zimmer, late Curator and Chairman of the Department of Ornithology of the American Museum of Natural History was interested primarily in the systematics of Peruvian birds, an interest which, no doubt, was awakened in 1922–1923 when he participated in the Marshall Field Peruvian Expedition as Ornithologist. At that time, Zimmer was Assistant Curator of Birds in the Field Museum of Natural History, but in 1930, at the invitation of Dr. Frank M. Chapman, Zimmer left Chicago to become Associate Curator in the Department of Ornithology of the American Museum of Natural History. He was to continue for Peru the research initiated by Chapman with his comprehensive monographs on Colombia and Ecuador. The revisionary papers on Peruvian birds published by Zimmer in preparation of the contemplated monograph on Peru reached no fewer than 66 by the time of his death on January 6, 1957.

Zimmer was very methodical and compiled a long list of Peruvian localities during his studies. These were recorded on index cards, with the name of the collector, or collectors, of the birds he was studying, or other data available. The locality was then entered in an "Atlas" devised by Zimmer from photographs of a map of Peru at the scale of 1:1,500,000 published by the Geographical Society of Lima in 1912. This "Atlas" consists of 24 sheets, interleaved with semitransparent sheets on which Zimmer traced the rivers and more important streams and entered the

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localities. Cross references to the sheets of the "Atlas" were noted on the index cards as a rule, with or without indication of the approximate position of the locality from the more prominent settlements.

This information is extremely useful but has not been publicly available. This situation is remedied by the present gazetteer which is based solely on the list of localities and information gathered by Zimmer.

METHOD

The gazetteer is based entirely on the International Map of the World at the scale of 1:1,000,000, commonly known as the Millionth Map because of this scale. The map used by Zimmer, published in Lima in 1912, was always referred to but not used in obtaining coordinates because it has long been obsolete. The Millionth Map is thoroughly modern. Other advantages are its larger scale, contours that were not on the map of 1912, and ease of availability. But, of course, no map is ever completely up to date.

The Millionth Map for South America was compiled and published by the American Geographical Society, New York, under the name "Map of Hispanic America," and, for Peru, consists of 12 sheets, which (with dates of publication) are: SA17 (1938), SA18 (1939), SA19 (1930); SB17 (1938), SB18 (1938), SB19 (1930); SC17 (1938), SC18 (1938), SC19 (1924); SD18 (1938), SD19 (1927); and SE19 (1922).

The gazetteer consists of nearly 1100 main entries. Their normal interpretations are:

NAME OF THE LOCALITY: This is the name which appears on the Millionth Map. For a locality not on the map, the spelling used is the one which seems to be preferred.

The name of the locality may be followed by one or more variants within brackets, or the variants may be given full entries, and, in this case, are cross-referenced to the standard name, normally preceded by the word *see*.

OTHER INFORMATION ON THE LOCALITY: Such was supplied occasionally by Zimmer and is stated in quotes, for instance, Cajamarquilla, "Rimac Valley."

DEPARTMENTS: Departments were supplied (or verified) by me for localities that were identified, or can be narrowed down to a region by information given by Zimmer, but normally not for names that are cross-referenced.

The departments were named by Zimmer in less than 10 per cent of the localities, and it is possible that I have made some errors in supplying them, because some of the departmental boundaries were apparently



FIG. 1. Departments of Peru.

shifted somewhat after the Millionth Map was published, and an additional department (Pasco) was created also, raising the number of departments from 22 to 23. In some regions, moreover, the departmental boundaries are difficult to follow with certainty on the Millionth Map.

The departmental map supplied (fig. 1) is for general information only;

it was traced from a map published in 1963 by the National Geographic Society, Washington.

AUTHORITIES: The authorities for the locality concerned are the collectors, or collection, stated in parentheses, but, in many cases (such as Abancay, Apurimac, which heads the gazetteer), Zimmer did not indicate his source.

The collector and author mentioned most often is probably Sztolcman, not "Stolzmann," the form used by Zimmer and most authors, including Sztolcman himself, irregularly, in the early part of his career. The biography and very long bibliography of Sztolcman, a very able and prominent zoologist who succeeded Taczanowski in Warsaw, was published by Domaniewski (1929, *Ann. Mus. Zool. Polonici*, vol. 8, pp. 22-48).

COORDINATES: The coordinates were all taken by me from the sheets of the Millionth Map listed above, exclusively. They are expressed in the style recommended by the Royal Geographical Society of London. In this style, latitudes, and longitudes below 100, are expressed by four consecutive numbers, without signs for degrees and minutes; for a latitude below 10, such as Tumbes, the latitude is written as 0334. The indications of the compass points, such as "West," "South," or abbreviations to "W" and "S" are superfluous for Peru, of course, as the whole of Peru is west of Greenwich and south of the Equator. The coordinates were read as a rule to the nearest minute and are for location purposes only.

Many localities in this gazetteer are not on the Millionth Map—thus requiring the qualification "about"—but I have tried to narrow down these localities to the coordinates given as exactly as I could.

Finally, a few comments are added when relevant, especially when doubt exists.

ZIMMER'S STUDIES OF PERUVIAN BIRDS

The great contribution made by Zimmer to the study of the avifauna of South America is well expressed by Murphy and Amadon in their obituary of Zimmer (1959, *Auk*, vol. 76, pp. 418-423). This obituary supplies a partial bibliography of Zimmer's publications which were not restricted to the avifauna of Peru by any means, but as this gazetteer is concerned with Peru only, the publications mentioned below are restricted to the studies of Peruvian birds with a short account of their scope.

Zimmer's studies of the birds of Peru started before he joined the staff of the American Museum of Natural History. Before that time Zimmer published two papers, based on the specimens which he collected in central Peru as Ornithologist to the Marshall Field Peruvian Expedition

of 1922–1923. The region visited was chiefly the plateau of Junin from which Zimmer proceeded to Huanuco along the valley of the Huallaga River, with side trips to the upper Marañon and upper Rio Colorado. The first paper (1924, *Field Mus. Nat. Hist.*, zool. ser., publ. 218, vol. 12, no. 4, pp. 51–67) is a description of 10 new subspecies with a partial review of *Xenops minutus*. The second paper (1930, *Ibid.*, publ. 282, vol. 17, no. 7, pp. 233–480) is a lengthy, comprehensive report on the ornithological results of the expedition.

From then on, Zimmer's revisionary studies of Peruvian birds were published in a series of 66 papers in "American Museum Novitates," under the subtitle "Studies of Peruvian Birds."

The first 25 numbers were published from 1931 to 1937, with a separate (unnumbered) index published on July 30, 1937. The genera and species revised belong to the following families: Cotingidae, Bucconidae, Dendrocolaptidae, Furnariidae, Formicariidae, Conophagidae, Pipridae, and Sylviidae.

A second series of 25 papers, published between 1937 and 1945 (with separate unnumbered index, dated December 31, 1945), revises the Picidae, Rhinocryptidae, Tyrannidae, Vireonidae, Coerebidae, and Thraupidae, with additional revisions in the Formicariidae and Sylviidae.

The third, and final series, consists only of 16 papers, published between 1947 and 1955, with an unnumbered index as above, published in 1957. The families revised in them are the Trogonidae, Parulidae, Trochilidae, Apodidae, and Motacillidae, with additional revisions of 11 species in the Thraupidae.

The three indexes contain a few corrections to scientific names, dates, two or three localities, and, rarely, a typographical error.

A few independent descriptions of Peruvian birds were also published in other publications, the most notable being that of *Incaspiza ortizi* in 1952, in the *Journal of the Washington Academy of Sciences*, volume 42, page 103.

ABANCAY, Apurimac, 7255 1335 SD18.

ACANCOCHA [Aconcocha] – (Jelski), *see* Acaricocha.

ACANCOCHA, "between Cucas and Palcamayo" (Jelski), equals region or district of Acaricocha, Junin, between San Pedro de Cacas, 7552 1116, and Palcamayo, 7547 1119 SC18.

ACAPULCO, "between Acapulco and Huancayo, Puno" (Raimondi), not located.

ACARICOCHA, Junin, 7547 1110 SC18.

ACCOBAMBA – (Carriker), *see* Acobamba, probably Junin.

ACCOBAMBA, Junin – (Carriker), *see* Acobamba.

ACHAMAL, or "near Achamal, Rio Huambo" (Sztolcman), *see* Cochamal.

ACHAPI, RIO, Loreto – (Schunke), about 7513 0746 SB18.

ACHINAMIZA, "Rio Huallaga," Loreto – (Bassler), about 7557 0633 SB18.

- ACOBAMBA, Huancavelica or Junin – (Jelski, Kalinowski, Watkins, Carriker); Zimmer's entries are not clear, as there are two Acobambas, one in Huancavelica at 7434 1248 SD18, and the other in Junin at 7542 1122 SC18; both were entered by Zimmer on his map and then deleted, but his handwriting suggests that the locality in Junin was his first entry.
- ACORIA, Huancavelica – (Morrison), 7453 1237 SD18.
- AGUA BLANCA, "between San Gregorio and San Miguel" Cajamarca – (Sztolcman), 7905 0703 SB17.
- AGUAHIRO, *see* Ahuayro.
- AGUALANI, Puno, 6942 1406 SD19.
- AGUAYTIA, "lower Rio Aguaytia," Loreto – (Tessmann), 7446 0803 SC18.
- AHUAYRO, Apurimac – (Morrison), about 7352 1322 SD18.
- ALAC SAYCA – (Jelski), not located.
- ALCATANGA, "mountains of Huancayo" (Raimondi), not located.
- ALGAMARCA, Cajamarca – (Baer), 7816 0737 SB17.
- ALGAMARCA, "Province of" (Baer), *see* Algamarca.
- ALMIRANTE, Amazonas, 7720 0608 SB18.
- ALTO AMAZONAS [Mission Alto] – (Bartlett), not located.
- ALTO DE TOLEDO, Puno, a general region, 7025 1600 SD19.
- AMABLE MARIA, Junin – (Jelski), about 7519 1110 SC18.
- AMANCAES, "Mountains, near Lima," not located.
- AMBAGAY – (Sztolcman), not located, but near Sauce, *q.v.*
- AMOTAPE, Piura – (Simons), 8102 0453 SB17.
- ANCO, Huancavelica – (Morrison), 7435 1238 SD18.
- ANCOBAMBA – (Simons), *see* Acobamba.
- ANCON, Lima – (Kalinowski), 7711 1147 SC18.
- ANDAHUAILAS, *see* Andahuaylas, Apurimac.
- ANDAHUAILILLAS, Cuzco – (Kalinowski), 7141 1340 SD19.
- ANDAHUAYLAS, Apurimac – (Church), 7329 1334 SD18.
- ANDAHUAYLIAS [Andahuaylillas], "Puno," *see* Andahuailillas, Cuzco.
- ANDAMARCA, Junin – (Raimondi, Tschudi), 7445 1146 SC18.
- ANDOAS, Loreto, 7651 0213 SA18.
- ANGASMARCA, La Libertad – (Simons), 7804 0808 SC17.
- ANGURA [Montaña de Angurra], Cajamarca – (Sztolcman), 7835 0620 SB17.
- ANIA – (d'Orbigny), not located.
- ANTA, Cuzco, 7210 1325 SD18.
- ANTA, "Pampa de Anta, near Huaraconda," *see* Huaraconda, Cuzco.
- ANTA AND LUCRE, Cuzco – (Garlepp), *see* Anta, Cuzco; Lucre is east of Cuzco at 7144 1338 SD19.
- APAYACU [Ampiyacu, or Auayacu], Loreto – (Olallas); Apayacu was not found, but the Islas Apayacu, which are most probably the locality concerned, are in the Amazon River at 7208 0323 SA18.
- APAYACU RIVER, "mouth of river, near Pebas," Loreto, 7208 0321 SA18.
- API, "near Altos de Toledo," Puno – (Meyen), not located, but *see* Alto de Toledo.
- AQUIMARCO, Junin – (Jelski), 7543 1102 SC18.
- ARANCOCHA, *see* Acaricocha.
- ARAQUEDA, La Libertad, 7813 0740 SB17.
- ARENAL, Cajamarca – (Sztolcman), about 7842 0554 SB17.

- AREQUIPA, Arequipa – (Whitely, Reineche, Raimondi, Simons), 7133 1624 SE19.
- AREQUIPA, “Volcan, or Volcan Arequisti,” Arequipa – (Warszewicz), not located, but probably Volcan de Misti, 7125 1618 SE19, near Arequipa.
- ARICOMA, LAKE OF, Puno – (Simons, Carriker), 6949 1420 SD19.
- ARICOMA PASS, Puno – (Carriker), not on map, but apparently El Paso, 6945 1415 SD19, north of Lake Aricoma.
- ASEACocha, “petit lac” in “highlands of Huaihuai,” Junin – (Tschudi), not located, but the highlands of Huayhuay are at about 7555 1140 SC18.
- ASIA ISLAND, Lima – (Ridoutt), 7638 1248 SD18.
- ASILLO, Puno, 7022 1446 SD19.
- ASTILLERO, Puno – (Watkins), 6938 1321 SD19.
- ASTOBAMBA, Huancavelica – (Morrison), 7507 1256 SD18.
- ATICO, Arequipa – (Fayan), 7336 1612 SD18.
- ATUEN, Amazonas – (Carriker), about 7752 0645 SB18.
- AULLAN, Cajamarca – (Sztolcman), about 7853 0625 SB17.
- AUQUIMARCA [Anquimarca], *see* Aquimarco.
- AYACUCHO, “Department and Province of” (Jelski, Tschudi), town of Ayacucho is at 7413 1307 SD18.
- AYNAMAYO RIVER AND VALLEY – (Jelski), equals upper reaches of Rio Vitoc, *see* Vitoc Valley, Junin.
- BAGAZAN, Amazonas – (Watkins, Carriker), 7726 0608 SB18.
- BAGOTA [Bogota], “upper Ucayali” (Bartlett), not located.
- BAJADA DE ACHAMAL, Amazonas – (Sztolcman), *see* Cochamal.
- BALCEADERO, Cuzco – (Enbucco-Traylor), not located but on Rio Nusiniscato, *q.v.*
- BALSAPUERTO, Loreto – (Raimondi, Ridoutt, Sztolcman), 7635 0550 SB18.
- BALSAPUERTO “and Xeveros,” Loreto – (Raimondi), perhaps between Balsapuerto, *q.v.* and Jeveros, which is located at 7614 0517 SB18.
- BALSAS, Amazonas – (Osgood and Anderson), 7800 0650 SB18.
- BALSAS, “mountains east of Balsas, 10,000 feet, one day’s travel beyond Tambo Carrizal at edge of timberline and not far below highest point between Balsas and Leimabamba,” Amazonas, (Osgood and Anderson), or about 7751 0645 SB18.
- BALZA-PUERTO, *see* Balsapuerto.
- BAMBAMARCA, Cajamarca – (Sztolcman), 7742 0724 SB18.
- BAÑOS, Cajamarca – (Simons), about 7830 0709 SB17.
- BAÑOS, Lima – (Kalinowski), not found, but probably Tingo de Baños at 7644 1114 SC18.
- BARADERO [not Varadero], Loreto – (Bartlett), 7628 0543 SB18.
- BARANCO [Barranco], Lima – (Forbes), 7702 1208 SD18.
- BARRANCA [Barrancos], Loreto – (Steele), 7639 0451 SB18.
- BEGUETA, *see* Vegueta.
- BELLAVISTA, Cajamarca – (Bangs and Noble), 7840 0538 SB17.
- BIABO, RIO, San Martin, about 7623 0658 SB18.
- BLANCO, RIO, Loreto – (Tessmann), 7352 0500 SB18.
- BORGOÑA, FOREST OF [Borgaño], Junin – (Kalinowski), about 7520 1105 SC18.
- BRANCO, RIO, Loreto – (Tessmann), *see* Blanco, Rio.

- CABALLO-COCHA [Cavallo-Coche, or Caballococha], Loreto – (Castelnau), 7027 0343 SA19.
- CABEZA DE LAGARTO [Punta Cabeza Lagarto], Ancash – (Fagan), 7812 1006 SC17.
- CABICO, Cajamarca – (Watkins), 7851 0556 SB17.
- CACAS [San Pedro de Cacas], Junin – (Jelski), 7553 1116 SC18.
- CACAS, “between Cacas [Cucas] and Palcamayo,” Junin – (Jelski), about 7549 1116 SC18.
- CACHENDO, Arequipa – (Watkins), 7148 1658 SE19.
- CACHUPATA [Ccachupata, Cchachupata, Chachupata], Cuzco – (Whitely, Cory, Raimondi, Carriker), 7122 1317 SD19.
- CADENA, Hacienda, *see* Hacienda Cadena.
- CADENA, RIO, Cuzco – (Kalinowski), about 7036 1316 SD19.
- CAHUAPANAS, RIO, “middle of river,” Loreto – (Schunke), about 7700 0520 SB18.
- CAHUARMAYO, *see* Carhuamayo.
- CAILLOMA [Caylloma], Arequipa – (Simons), 7147 1513 SD19.
- CAJABAMBA [Cojabamba, Cojobamba], Cajamarca – (Baron, Baer), 7803 0737 SB17.
- CAJABAMBA, “Province of, and Otusco,” Cajamarca, general region about 7820 0745 SB17.
- CAJACAY, Ancash – (Raimondi), 7728 1010 SC18.
- CAJAMARCA, also near Cajamarca, and wide range of 11 different altitudes, Cajamarca – (Jelski, Sztolcman, Baron, Steere, Simons, Osgood and Anderson), 7831 0710 SB17.
- CAJAMARQUILLA, Junin – (Ajasson), 7607 1032 SC18.
- CAJAMARQUILLA, La Libertad – (Sztolcman, Carriker), 7748 0718 SB18.
- CAJAMARQUILLA, “Rimac Valley,” Lima – (Griswold), about 7653 1200 SD18.
- CALACALA, *see* Hacienda Calacala.
- CALANUDOS VALLEY, *see* Catarindos Valley.
- CALCA, Cuzco – (Watkins), 7157 1319 SD19.
- CALETA GRAU, Tumbes – (Baer), 8038 0340 SA17.
- CALETA MANCORA, *see* Mancora.
- CALLACATE, Cajamarca – (Sztolcman, Jelski), about 7856 0625 SB17.
- CALLAHUANCA, Lima – (Griswold), about 7636 1145 SC18.
- CALLAHUATE – (Baer’s native collectors), not located.
- CALLANGA, “near Cuzco” (Garlepp), not located.
- CALLANGA, RIO, Madre de Dios, 7126 1245 SD19.
- CALLANGATE, La Libertad – (Carriker), about 7744 0721 SB18.
- CALLAO, AND CALLAO BAY, Lima – (Kalinowski, Steere, Markham, Raimondi, Darwin, Gould, Nation, Salvin and Godman, Stübel, Seabohn, Simms, Jelski, MacFarlane, Junup), 7709 1204 SD18.
- CALLAO ISLANDS, Lima, 7712 1206 SD18.
- CAMACHURROS, not located and no collector, perhaps error for Chamicuros, *q.v.*
- CAMP 1, “below Limbani,” Puno – (Watkins), not located, Limbani is at 6942 1408 SD19.
- CANCHACSO [Canchaeso] – (Kalinowski), not located.
- CANCAHUAYA, RIO or QUEBRADA, Loreto, 7548 0658 SB18.
- CANDAMO, Puno – (Watkins), 6941 1329 SD19.
- CANDARAVE, “between Huancayo and the Cordillera de Huancatango” (Raimondi),

- not located, but perhaps on border of Junin and Huancavelica, at about 7507 1205 SD18.
- CANDIVILLA, "Rio Chillon" (Forbes), *see* Carabayllo.
- CANOAS, Tumbes – (de la Puente), not located, but near Puerto Mancora situated at 8105 0407 SB17.
- CANTA, Lima – (Carriker), 7640 1124 SC18.
- CAPANAHUA, QUEBRADA DE, Loreto – (Tessmann), not located, but an affluent of Rio Blanco, at about 7357 0605 SB18.
- CARABAIO, no data and not found, spelling probably incorrect.
- CARABAYA, "district of," Puno – (Raimondi, Whitely), not located, but capital of this district is Macusani at 7027 1405 SD19.
- CARABAYA, "Amazonian slope of Sierra de Carabaya near Macusani," Puno, *see* Carabaya, "district of."
- CARABAYA, "bosques de" [also Caraboya], Puno – (Raimondi), *see* Carabaya of Raimondi.
- CARABAYLLO, Lima – (Forbes), 7703 1151 SC18.
- CARADOR, "Marcapata" (Ockenden), not located.
- CARAS [Caraz], Ancash – (Simons?), 7749 0903 SC18.
- CARAVELI, Arequipa – (Kalinowski), 7323 1546 SD18.
- CARHUAMAYO [Cahuarmayo], Junin – (Morrison, Watkins), 7604 1055 SC18.
- CARHUAS, Ancash – (Simons), 7739 0917 SC18.
- CAROHAS, *see* Carhuas.
- CARTAVIO [Cartavia], La Libertad – (Carriker), 7914 0754 SB17.
- CARUMAS, Moquegua – (Raimondi), 7045 1648 SE19.
- CASCAS, Cajamarca – (Jelski), 7850 0729 SB17.
- CASHIBOPLAYA, Loreto – (Tessmann), about 7458 0753 SB18.
- CASHIBOYA [Cashaboya, Coshiboya], Loreto – (Bartlett), 7454 0732 SB18.
- CASINCHIHUA, Cuzco – (Kalinowski), 7259 1345 SD18.
- CATACAOS, Piura – (Simons), 8040 0515 SB17.
- CATACHE, "Cerro de" (Jelski), the Cerro was not located, but there is a settlement of Catache in Cajamarca at 7903 0640 SB17.
- CATARINDOS VALLEY [Catanindos Valley, Catarido Valley, Catarindo Valley, Catarindon Valley, Caterindos], "a little south of Islay," Arequipa – (Whitely), not located, but Zimmer believed this locality may be Cachendo, *q.v.*, which is situated east of Islay and south of Pampa de Islay.
- CAURAMARCA, error for Lauramarca, *q.v.*
- CAYUMBA, "mouth of Rio Cayumba," Huanuco, 7553 0926 SC18.
- CEBOLLAL – (Cherrie and Gill), not located, but may be in Ecuador at about 8002 0400 SB17.
- CEDROBAMBA, and Cedrobamba Ruins, Cuzco – (Heller), about 7233 1311 SD18.
- CELENDIN, Cajamarca – (Baron), 7810 0652 SB17.
- CELENDIN VALLEY – (Baron), not located, but probably near Celendin, *q.v.*
- CENIPA, Rio, Amazonas – (Schunke), mouth of the river is at 7804 0439 SB17.
- CERRO DE PASCO, Pasco – (Zimmer, Steere), 7616 1041 SC18.
- CERTAVIA, *see* Cartavio.
- CHACAPALPA, Junin – (Tschudi), 7545 1144 SC18.
- CHACHAPOYAS, Amazonas – (Sztolcman, Steere), 7751 0614 SB18.
- CHACHAPOYAS, "head of Huambo River," Amazonas – (Sztolcman); this may be

- at 7725 0618 SB18, the settlement of Huambo, which is not on the map, is at about 7720 0623 SB18.
- CHACHUPATA, *see* Cachupata.
- CHAGACOCCHA, *see* Chaquicocha.
- CHAGUAL, La Libertad – (Carriker), 7738 0750 SB18.
- CHAHUILLAY, Cuzco, 7329 1258 SD18.
- CHALA, Arequipa – (Fagan), 7417 1546 SD18.
- CHALHUANCA [Challhuanca], Apurimac, 7325 1420 SD18.
- CHAMAN, RIO, La Libertad – (Jelski), mouth of the river is at 7940 0712 SB17.
- CHAMAYA, RIO, Cajamarca, mouth of the river is at 7840 0545 SB17.
- CHAMICUROS, “between Santa Cruz and Lagunas,” Loreto (Raimondi, Bartlett, Hauxwell), not located, but Pueblo Chamicuros is at about 7545 0530 SB18.
- CHANCAY, Lima, 7716 1135 SC18.
- CHANCAY, RIO, at “1500 meters,” Cajamarca, this altitude is reached at the head of the river near settlement of Chancay at 7852 0634 SB17.
- CHANCHAMAYO [Chanchamaga, Chunchamayo], Junin – (Whitely, Schunke, Raimondi, Hoffmanns, Kalinowski, Sarnedde, Jelski); not located by Zimmer and not on the map, but name of a region of which La Merced, 7519 1104 SC18, is, roughly, at the center.
- CHANCHAMAYO, RIO, name given on some maps to the upper Rio Perene, below the junction of the Rio Palca and Rio Tulumayo at San Ramon, 7520 1108 SC18, south of La Merced.
- CHAQUICOCCHA, Junin – (Tschudi), 7437 1157 SC18.
- CHAQUIMAYO, Puno – (Watkins), 7025 1326 SD19.
- CHARAPI, Cajamarca – (Bangs and Noble, Watkins), about 7859 0525 SB17.
- CHARAY – (Jelski), not located, equals perhaps Churai, Junin, 7446 1143 SC18.
- CHASPIYOC, *see* Chospiyoc.
- CHASUTA, Loreto – (Romero), 7605 0635 SB18.
- CHASUTA – (Raimondi), not identified but may equal Chasuta, Loreto, above.
- CHAUILLAY, and Chauillay Bridge, *see* Chahuillay.
- CHAUPE, Cajamarca – (Watkins, Carriker), about 7910 0510 SB17.
- CHAUPECHACA, not located, perhaps equals Chaupichaca below.
- CHAUPICHACA, “southeast Peru” (Ockenden), not located. Zimmer suggested this locality may be [Cerro] Choquechanca, northeast of Marcapata in Cuzco and situated at 7039 1319 SD19; or “Chapiaco” [spelling illegible] and not identified by me, but which Zimmer said is north of Cosñipata, *q.v.*
- CHAYAVITAS, Loreto – (Bartlett, Whitely, Hauxwell), 7648 0527 SB18.
- CHECCAPUPE [Checapupe], Puno – (Kalinowski), 7129 1402 SD19.
- CHELO, *see* Chillo.
- CHELPE, *see* Chilpes.
- CHEPEN, La Libertad – (Sztolcman, Baron, Jelski), 7926 0713 SB17.
- CHETO, Amazonas – (Raimondi), 7740 0615 SB18.
- CHICAMA, La Libertad, 7909 0752 SB17.
- CHICLA, Lima – (Kalinowski), 7617 1145 SC18.
- CHICLAYO, Lambayeque, 7951 0646 SB17.
- CHIHUATA [Chichuata, Chiuata], Arequipa – (Whitely), 7125 1625 SE19.
- CHILACO, “near Samate . . . 7 miles up the Rio Suipira,” Piura – (Watkins); the Rio Suipira apparently equals the Rio Chipillico, and Chilaco is at about 8027 0443 SB17.

CHILATE, *see* Chilete.

CHILCA, Lima, 7645 1232 SD18.

CHILCA BAY, Lima, 7648 1230 SD18.

CHILETE, Cajamarca – (Orton), 7851 0714 SB17.

CHILICHILI [Chile-Chile], Cuzco – (Kalinowski), about 7043 1325 SD19.

CHILLA, probably equals Chillo.

CHILLO, Amazonas – (Sztolcman, Raimondi), 7745 0628 SB18; this locality may be the same, however, as Cheto.

CHILLON, Rio, Lima, empties north of Lima at 7709 1157 SC18.

CHILMATA, not located.

CHILPES, Junin – (Jelski, Kalinowski, Griswold), not located, but apparently near Pucara at about 7516 1119 SC18.

CHILPES, “between Chilpes and San Bartolomé,” apparently in Vitoc Valley, Junin, at about 7518 1115 SC18.

CHIMABAMBA, probably error for Chanchamayo, *q.v.*

CHIMATA, *see* Chihuata.

CHIMBOTE, Ancash – (Sztolcman, Jelski, MacFarlane), 7836 0905 SC17.

CHIMBOTE, “between Chimbote and Santa Lucia,” not located and no data, but perhaps Cerro Santa Lucia, Ancash, 7816 0912 SC17.

CHINCHA ISLANDS, Ica – (Saunders), 7625 1340 SD18.

CHINCHAO, Huanuco – (Zimmer), 7605 0938 SC18.

CHINCHAYCOCHA – (Jelski), not located, but equals Lake Junin, *q.v.*, according to Zimmer.

CHINCHIPE, Rio, Cajamarca – (Carriker), mouth of river is at 7833 0529 SB17.

CHIPA, Pasco – (Watkins), 7557 1041 SC18.

CHIQUAN, Ancash, 7711 1009 SC18; Zimmer suggests this locality may equal Shigriay of Simons.

CHIRA, Cajamarca – (Carriker); this locality is doubtful. Zimmer noted at one time that Carriker “said” his Chira was the same as Sztolcman’s Tambillo, but added later this was doubtful. Sztolcman’s Tambillo is south and not far from Choros, at about 7839 0557 SB17, or somewhat farther south. But Taczanowski suggested that Sztolcman’s Tambillo is at about 7834 0604, not far from Cujillo, situated at 7832 0606. Carriker’s Tambillo appears to be farther south at about 7831 0615 SB17.

CHIRA – (Hauxwell), error for Elvira, *q.v.*

CHIRA, Rio, Piura, mouth of river is at 8108 0455 SB17.

CHIRAQUE [Chiroque], *see* Tecapa.

CHIRIMAYO, Cuzco – (Ockenden), 7127 1254 SD19.

CHIRIMOTO [Chiromato], Amazonas – (Sztolcman), about 7718 0626 SB18.

CHIRIMOTO, “between Chirimoto and Achamal,” Amazonas; Achamal equals Cochamal, *q.v.*, and the locality concerned here seems to be at about 7725 0624 SB18.

CHIRO, “Rio La Chiro” (Raimondi), not located.

CHITAHUACRA, not located.

CHONCEY – (Simons, Sztolcman), not located, may equal Chancay, Cajamarca, or Chancay, Lima.

CHONGOYAPE [Chongollapa, Chongollape, Chongollapi], Lambayeque – (Sztolcman, Bangs and Noble), 7927 0638 SB17.

CHONTABAMBA, Junin – (Kalinowski), about 7519 1115 SC18.

- CHONTA PASS, Huancavelica – (Morrison), 7507 1301 SD18.
CHONTAPUNCO, “Valley of Marcapata,” Cuzco – (Kalinowski), not located.
CHOQUISONGO, La Libertad, about 7822 0743 SB17.
CHOROS, Cajamarca – (Sztolcman), 7838 0553 SB17.
CHORRILLOS, Lima – (Kalinowski, Jelski, Saunders, Seabohn, Brabourne, Nation), 7703 1210 SD18.
CHOSICA, Lima – (Zimmer, Simons, Brabourne, Griswold), 7641 1153 SC18.
CHOSPIYOC, Cuzco – (Chapman), about 7221 1316 SD18.
CHOTA, Cajamarca – (Sztolcman, Jelski, Raimondi, Carriker), 7840 0634 SB17.
CHOTA – (Frobeau), not identified, perhaps equals Chota, Cajamarca.
CHOTA, PROVINCE OF, Cajamarca – (Baron), extends from the Marañon, west to about 7925 at about latitude 0630 SB17.
CHOTA, “Puna between Chota and San Gregorio at 12,000 feet,” Cajamarca – (Sztolcman), not located.
CHOTA, RIO, Cajamarca – (Sztolcman), altitudes given suggest localities near settlement of Chota, or not far from it, below settlement.
CHOTA, VALLEY, no data, probably Cajamarca, but uncertain.
CHOYMACOTA, Ayacucho – (Jelski), not located, but Zimmer said this locality is another name for the valley of the Rio San Miguel east of Huanta; Choymacota being apparently near San Miguel, situated at 7356 1255 SD18.
CHUCHURRAS, Puerto Chuchurras, Junin – (Hoffmanns), 7510 1007 SC18.
CHUCKCHA [Chukcha] – (Sztolcman), not located.
CHUCUITO, Puno – (Smyth), 6954 1554 SD19.
CHUGUR, Cajamarca – (Watkins), 7844 0640 SB17.
CHUHUASI, “north of Ollachea” (Watkins?), probably equals Uruhuasi, *q.v.*
CHULA – (Kalinowski), not located.
CHULI, “Montaña de Chuli,” *see* Chulid.
CHULID, Cajamarca – (Sztolcman, Jelski), 7839 0630 SB17. Zimmer suggested this locality may represent also the Chulit of Raimondi.
CHULIT, Cajamarca – (Raimondi), not located but apparently north of Chota, 7840 0634 SB17.
CHULUCANAS [Chuluconuo], Piura – (Simms), 8010 0506 SB17.
CHUMBIS [Chumbes], Ayacucho – (Morrison), 7352 1320 SD18.
CHUNCHAMAYO, error for Chanchamayo.
CHUNCHO ISLANDS [Chunchoc], Madre de Dios, no data, but probably equals islands at the mouth of the Rio Chuncho (called also Rio Elias Aguirre), 6929 1301 SD19.
CHUNCHOS, “region of Chunchos,” probably the same as Chuncho Territory, below.
CHUNCHOTAMBO, “territory of the Chuncho Tribe” (Tschudi), not located, but probably in Chuncho Territory.
CHUNCHO TERRITORY, Junin, not on map, but situated, generally speaking, at 7510 1113 SC18.
CHUPUN – (Jelski), probably error for Chepen, *q.v.*
CHUQUIBAMBA, no data, there are localities of this name in the departments of Amazonas, Arequipa, Cajamarca, and Huanuco; but Zimmer believed this Chuquibamba may be the same as Choquisongo, La Libertad, *q.v.*
CHURAI [Charay, Churay], Junin – (Jelski, Kalinowski), 7446 1143 SC18.
CHURRINGHE – (Peale), not located.
CHUSGON, La Libertad – (Baron), about 7755 0750 SB18.

CHYAVITAS [Chayavetas, Chyavetas], *see* Chayavitas.

CHYION, no data, Zimmer said this locality equals Chapen, which is "probably on the NW Coast," but Chapen not found.

CINIPA, Rio, *see* Cenipa.

COCA, "on Rio Napo . . . at the mouth of the Curaray," Loreto - (Oberholser), the mouth of the Rio Curaray is at 7407 0229 SA18.

COCACHACRA [Cocachana, Cochachacra, Cocochaua], Arequipa - (Watkins), 7144 1705 SE19.

COCHABAMBA, Cajamarca - (Sztolcman), 7853 0629 SB17.

COCHABAMBA, La Libertad - (Carriker), 7753 0750 SB18.

COCHABAMBA, "Province de Cochabamba à Succha" (Baron, Baer), the locality indicated here is the Cochabamba in Cajamarca, according to Zimmer.

COCHAMAL, Amazonas - (no collector, but of Sztolcman), 7730 0622 SB18.

COCOCHO, Amazonas - (Sztolcman, Jelski), about 7821 0612 SB17.

COILLOMA, *see* Cailloma.

COJOBAMBA, *see* Cajabamba, Cajamarca.

COLCA, *see* Calca.

COLES, "Punta de Coles," Moquegua - (Watkins), 7122 1740 SE19.

COLORADO, Rio, "Chanchamayo," Junin - (Zimmer), about 7520 1057 SC18.

COLPANI, Cuzco, 7328 1306 SD18.

COMBERCIATO, Rio, Cuzco - (Heller), mouth of the river is at 7307 1228 SD18.

COMPAN, San Martin - (Baer), about 7710 0812 SC18.

COMPURSIATO, Rio, error for Rio Comerciato.

CONDORNAY, "above Condornay," Junin - (Jelski), probably near 7524 1122 SC18.

CONIMA [Conimo], Puno - (Agassiz), 6925 1529 SD19.

CONLOCO, "on Marañon" (Sztolcman), not located.

CONTAMANA, Loreto - (Schunke), 7451 0715 SB18.

CORACORA, Ayacucho - (Kalinowski), 7338 1511 SD18.

CORAL [Corral], Amazonas - (Sztolcman), 7723 0630 SB18.

CORAL, "Rio de Coral," Amazonas - (Sztolcman), not located, but presumably near Coral.

CORONGO, "Paramo de Corongo," La Libertad - (Simons), Corongo is at 7755 0834 SC18.

CORRIHUAYRACHINA RUINS, "Macchu Picchu," Cuzco, not located, but presumably near Macchu Picchu, situated at 7234 1306 SD18.

COSHIBOYA, "lacs du Coshiboya" (Bartlett), *see* Cashiboya.

COSIRENI, Rio, Cuzco, mouth of the river is at 7305 1233 SD18.

COSÑIPATA, and Valley of Cosñipata, Cuzco - (Whitely), 7118 1302 SD19.

CRUCERO, Cuzco - (Simons, Raimondi), 7002 1421 SD19.

CUCARACHA [Cucaracho], Tumbes - (Sztolcman), about 8030 0330 SA17; a vanished islet off the old mouth of the Rio Tumbes.

CUCAS, *see* Cacas.

CUCHERO - (Poeping), equals Vista Alegre, Huanuco, *q.v.*

CUCULLATA, "near Tacna" (Froben), not identified, but this may equal Chacalluta, which, however, is in Chile.

CUEVA SECA, "Rio Tocache," San Martin - (Baer); not located. Zimmer noted that a Cueva Seca exists on the Rio Mixiollo north of Ongon which is located at 7656 0816 SC18, however the explicit mention of the Rio Tocache, together

with the fact that there are several localities called Cuevas on the Rio Tocache, raises some doubt. The Rio Mixiollo flows about 20 kilometers north of the Rio Tocache.

CULLQUISH [Cullcui], Huanuco – (Zimmer), about 7642 0929 SC18.

CULUMACHAY, Junin – (Kalinowski), about 7525 1122 SC18.

CUMARIA, Loreto – (Fiedler), 7401 0951 SC18.

CUMBASA, "San Pedro de Cumbasa" [Cumbase], San Martin – (Garlepp), about 7618 0632 SB18.

CUMPANG [Cumpong], *see* Compan.

CUNJA, Loreto, 7417 0528 SB18.

CURAHUASI [Curuhuasi], Apurimac – (Kalinowski), 7244 1330 SD18.

CURICOCHA, "lakelets of Curicocha" [Curacocha], Junin – (Jelski); a small lake exists northwest of and near Curicocha at 7552 1107 SC18, which is probably the locality concerned.

CURISINI, *see* Cosireni.

CURI-YACU, "Rio de Curi-Yacu," Amazonas – (Sztolcman), small affluent of the upper Rio Hambo, near Cochamal, *q.v.*

CUSHI [Cushi-Libertad], Huanuco – (Hoffmanns), 7542 0959 SC18.

CUTERVO, and Province of Cutervo, Cajamarca – (Sztolcman, Raimondi, Jelski), town of Cutervo is at 7851 0622 SB17.

CUTERVO, "between Cutervo and Socota," Cajamarca – (Sztolcman), Socota is at 7844 0618 SB17, 16 kilometers northeast of Cutervo.

Cuzco, Cuzco – (Whitely, Garlepp, Raimondi, Watkins), 7159 1331 SD19.

DESAGUADERO, Puno – (Carriker), 6903 1633 SE19.

DESIERTO DE SECHURA, Piura, 8051 0533 SB17.

DIVIDE BETWEEN SUMBAY AND COLCA, Arequipa – (Simons), not located, Sumbay is at 7123 1558 SD19, Colca at 7102 1540 SD19.

DIVISORIA FUNDO SINCHEMA, Junin – (Schunke), not located, Zimmer believed this locality is near Chanchamayo, *q.v.*

ECHACHUPATA, error for Cachupata.

ECHARATE [Echarati], Cuzco – (Kalinowski, Chapman), about 7240 1245 SD18.

EL TAMPO, "above Palambla," Piura – (Watkins), about 7934 0518 SB17.

EL TINGO, [de Saposoa], San Martin – (Carriker), about 7637 0705 SB18.

ELVIRA, Loreto – (Hauxwell, Bartlett, Whitely, Raimondi), 7443 0446 SB18.

ENEÑAS, Junin – (Carriker), about 7503 1045 SC18.

ESCOPAL, Rio, Cuzco – (Kalinowski), about 7032 1316 SD19.

ESPERANZA, Cajamarca (de la Puente), 7835 0635 SB17.

ESPERANZA [L'Esperanza], Junin – (Kalinowski), about 7519 1108 SC18.

ETEN, Lambayeque – (Simons), 7953 0654 SB17.

FARINA, error for Tarma.

FOMARINDO, error for Tamarindo.

FRONTON ISLAND, Lima, 7711 1207 SD18.

GALERA, Junin – (Simons, Carriker), 7611 1139 SC18.

GARITA [La Garita], *see* Garita del Sol.

GARITA DEL SOL, Junin – (Kalinowski), about 7521 1117 SC18.

- GARROTE, Rio, Cuzco – (Kalinowski), about 7125 1330 SD19.
GRAU, *see* Caleta Grau.
GUADALUPE, La Libertad – (Raimondi, Carriker), 7929 0715 SB17.
GUADALUPE, “Rio Tono,” Cuzco – (Whitely, Jelski, Raimondi), not located, but near Cosñipata, *q.v.*
GUAJANGO [Guayango], Cajamarca – (Sztolcman, Jelski), about 7839 0557 SB17.
GUALAMA, *see* Hualama.
GUAMA URCO, Loreto, about 7313 0328 SA18.
GUARIMARCA, *see* Huarmaca.
GUAUNCO – (Delattre), perhaps error for Huanuco.
GUAYABAMBA – (Baron), *see* Huayabamba of Baron.
GUAYABAMBA [Guaya-Bamba] – (Sztolcman), *see* Huayabamba of Sztolcman.
GUAYABAMBA MOUNTAINS – (Garlepp), *see* Huayabamba of Garlepp.

HACHAPATA – (Jelski), not located, but near Pumamarca, *q.v.*
HACIENDA CADENA, Cuzco – (Traylor), about 7033 1315 SD19.
HACIENDA CALACALA, Puno – (Koford), about 6956 1502 SD19.
HACIENDA CHOQUISONGO – (Baer), not located, but presumably near Choquisongo, *q.v.*
HACIENDA DE ARAQUEDA, *see* Araqueda.
HACIENDA DE NUEVO LORETO, San Martin – (Baer), about 7652 0815 SC18.
HACIENDA DE PABUR, Piura – (Raimondi), about 8005 0510 SB17.
HACIENDA DE PORCOM, La Libertad – (Baron), about 7811 0805 SC17.
HACIENDA DE QUETA, Junin – (Kalinowski), 7532 1126 SC18.
HACIENDA DE SOQUIAN, La Libertad – (Carriker), 7741 0751 SB18.
HACIENDA DE SUCHIMAN, Ancash – (Carriker), 7826 0843 SC17.
HACIENDA DE TULPO, La Libertad – (Baer), 7801 0808 SC17.
HACIENDA HUAMANI – (Kalinowski), not located, but presumably near Huamani, *q.v.*
HACIENDA LIMON, Cajamarca – (Carriker), 7805 0652 SB17.
HACIENDA LLAGUEDA [Llaugueda], La Libertad – (Osgood and Anderson), 7835 0746 SB17.
HACIENDA LLAGUEN, *see* Membrillar.
HACIENDA MENOCUCHO, La Libertad – (Osgood and Anderson), 7852 0802 SC17.
HACIENDA MOTIL, La Libertad – (Baer), about 7829 0759 SB17.
HACIENDA OCUCAJE, *see* Ocucaje.
HACIENDA PACCHAPATA, Junin – (Tschudi), about 7516 1117 SC18.
HACIENDA PLATANAR, La Libertad – (Baron), about 7840 0757 SB17.
HACIENDA SUCCHA, La Libertad – (Baron), 7741 0753 SB18.
HACIENDA UCAQUI – (Morrison), not located, but apparently near Lake Junin.
HACIENDA VIÑAS, La Libertad – (Baron), 7738 0757 SB18.
HIGOS – (Jelski, Raimondi), location uncertain, but Zimmer believed it is situated either in the district of Junin, or that of Huanta.
HONDORES – (Kalinowski), *see* Ordonez.
HUACAMAYO, Puno – (Carriker), equal to or near La Union, at 6938 1331 SD19.
HUACAMAYO, “Rio Huacamayo, near Candamo” (Ockenden), *see* Candamo.
HUACAMAYO, “Sandia, 1000 feet” (Carriker), not located.
HUACAPISTANA, Junin – (Simons, Carriker), 7530 1115 SC18.
HUACHAPATA, not located, perhaps equals Hachapata.

- HUACHIPA, Huanuco – (Zimmer), about 7552 0930 SC18.
HUACHO, Lima – (Sztolcman, Watkins), 7737 1107 SC18.
HUACOCUYO, Puno – (Kalinowski), not located.
HUACRAS, “Vitoc,” Junin – (Kalinowski), not located.
HUADQUÍÑA, Cuzco, 7239 1306 SD18.
HUAILILLAS [Huaylillas], La Libertad – (Baer), 7720 0811 SC18.
HUAIRURO Pass, not located, but said to be near Macchu Picchu.
HUAISAMPILLO [Huasampilla, Huasanyulla], Cuzco – (Whitely), 7126 1314 SD19.
HUAJANGO, *see* Guajango.
HUAJYUMBE, Rio, Cuzco – (Traylor), 7029 1315 SD19.
HUALAMA, Amazonas – (Sztolcman), 7734 0622 SB18.
HUALGAYOC, Cajamarca, 7837 0645 SB17; no data given for this locality and Zimmer stated there is also another “Huallgayoc” just west of Marcapata, which on the map is written Huallayoe and is situated at 7057 1329 SD19.
HUALLAGA – (Bartlett, Hauxwell, Garlepp, Berlepsch); locality uncertain, it may refer either to the Rio Huallaga, or the province of Huallaga, which, generally speaking, is at 7700 0700 SB18.
HUALLAGA, “Headwaters of the Huallaga River” (Church); despite the indication about the headwaters of the river, Zimmer believed the locality concerned is actually on the lower Huallaga in Loreto between Yurimaguas, *q.v.*, and Chasuta, *q.v.*
HUALLAGA, Rio, “near Santa Cruz,” Loreto – (Bartlett, Hauxwell); Santa Cruz is situated at 7548 0533 SB18.
HUAMACHUCO, La Libertad – (Baron, Baer), 7804 0748 SB17.
HUAMACHUCO, “south of Huamachuco at 3500 meters” (Simons), *see* entry above.
HUAMAI [Huamay, Humay], Ica – (Carriker), 7553 1343 SD18.
HUAMANI, Ica, 7533 1349 SD18.
HUAMAYACO, “Valle de Huamayaco,” Cajamarca – (de la Puente), not located, but near Santa Cruz, Cajamarca, *q.v.*
HUAMBO, Amazonas – (Sztolcman, Jelski), not on map, but is or was a plantation on the banks of the Huambo River, about 60 kilometers southeast of Chachapoyas and about 10 kilometers from Chirimoto, or at about 7720 0623 SB18.
HUAMBO, RIO HUAMBO “from Chachapoyas to Pachisa” (Sztolcman), in Amazonas-San Martin, *see* Chachapoyas, “head of Huambo River,” and Pachisa.
HUAMBOYACO, “Valle de Huamboyaco, Cajamarca” (de la Puente), apparently variant for Huamayaco, Valle de, *q.v.*
HUANACHUGO – (Baron), error for Huamachuco.
HUANAS, “Vitoc,” not located.
HUANCABAMBA, and Rio Huancabamba, Piura – (Watkins, Bangs and Noble, Carriker), 7927 0514 SB17.
HUANCANE, Puno – (Stübel), 6944 1512 SD19.
HUANCANO, Ica – (Carriker), 7535 1335 SD18.
HUANCAVELICA, Huancavelica – (Tschudi, Morrison), 7502 1246 SD18.
HUANCAYO, Junin – (Raimondi), 7514 1204 SD18.
HUANCAYO, “between Huancayo and Cordillera of Huaritanga” (Raimondi), not located, perhaps in Huancavelica at about 7505 1205 SD18.
HUANCORANI, Puno – (Carriker), about 6945 1413 SD19.

- HUANPUCOCHA, "near Huaron," Junin - (de la Puente), not located, Huaron is at 7625 1101 SC18.
- HUANTA, Ayacucho - (Jelski, Raimondi), 7414 1253 SD18.
- HUANUCO, Huanuco, 7615 0956 SC18.
- HUANUCO MOUNTAINS, Huanuco - (Zimmer), no definite locality, but apparently in region of Huanuco, *see* above.
- HUANUCO VIEJO, Huanuco - (Zimmer), 7645 0948 SC18.
- HUARA ISLANDS, Lima - (Holmes), 7744 1123 SC18.
- HUARAL, Lima - (Watkins), 7712 1130 SC18.
- HUARANDOSA, "Rio Chinchipe," *see* Quebrada Huarandosa.
- HUARAPA, Junin - (Morrison), about 7611 0942 SC18.
- HUARI, "road from Huari to Chagacocha," Junin - (Tschudi), Huari is at 7550 1138 SC18, "Chagacocha" equals Chaquicocha, *q.v.*
- HUARICANGA, Ancash - (Birdseye), 7745 1029 SC18.
- HUARITANGA, "Cordillera of Huaritanga" (Raimondi), not located, perhaps in Huancavelica, *see* Huancayo.
- HUARMACA, Piura, 7932 0534 SB17.
- HUARMEY, Ancash (Murphy), 7810 1004 SC17.
- HUARMIPAYCHA [Huarmipacha], "Vitoc," Junin - (Kalinowski), not located but at about 3500 meters in Vitoc Valley.
- HUAROCONDO [Huaracundo], Cuzco, 7215 1322 SD18.
- HUAROCONDO CANYON, "upper Huaracundo Canyon," Cuzco - (Chapman), no definite locality, *see* Huaracundo above.
- HUARON, Pasco, 7625 1101 SC18.
- HUARQUE, Rio, Puno - (Pearson), not located, but said to be 50 kilometers south of Ilave, *q.v.*
- HUASAMPILLA, error for Huaisampillo.
- HUATOCOTO [Huatacto, Huatocto], Cuzco - (Whitely), about 7138 1320 SD19.
- HUAURA, Rio, Lima, mouth of the river is at 7738 1105 SC18.
- HUAYABAMBA, "Loreto, near Hualama" (Sztolcman), probably equals Santa Rosa de Huayabamba, Amazonas, 7725 0623 SB18.
- HUAYABAMBA MOUNTAINS - (Garlepp), not identified, equals perhaps Huayabamba of Sztolcman, *see* above.
- HUAYABAMBA, "Valley of Huayabamba" (Baron), equals Santa Rosa de Huayabamba, *see* above.
- HUAYABAMBA, "Valley of Huayabamba" (Sztolcman); Zimmer stated that Sztolcman combines under this general term all the localities in the valleys above Huambo, *q.v.*, toward Chachapoyas, *q.v.*, in the northwest, and toward Leimebamba, *q.v.*, in the southwest.
- HUAYAPAMPA - (Garlepp), probably variant for Huayabamba Mountains of Garlepp.
- HUAYNAPATA, "Valley of Marcapata, Puno" (Kalinowski), not located, Zimmer believed this locality equals the Rio Cadena, *q.v.*, of Kalinowski, which, however, is in Cuzco, not Puno.
- HUAYRURO PASS, "Macchu Picchu, 12,000 feet," not located but presumably near Macchu Picchu.
- HUCAN, "Montaña de Hucan," Cajamarca - (Sztolcman), not located, but said to be above Cutervo, *q.v.*

HUIRU [Huero, Huiro], Cuzco – (Orton, Whitely, Carriker), 7236 1258 SD18.
HUROYA, *see* Oroya, Puno.

ICA, Ica – (Kalinowski, Jelski, Watkins), 7542 1404 SD18.

ICAPIRCA [Ingapirca] – Junin, about 7611 1102 SC18.

IDMA, also Puna de Idma, Idma Road, 11,200 feet, Cuzco – (Kalinowski, Heller),
Idma is at 7248 1253 SD18.

IDMA-QUIRAPATA ROAD, Cuzco – (Heller), not located, *see* Idma above.

ILAVE, Puno – (Pearson), 6931 1606 SE19.

ILO, Moquegua – (Watkins), 7120 1737 SE19.

IMATA, Arequipa, not located.

INAMBARI, Rio, “near Sagrario and Obraje,” Puno, about 6940 1352 SD19.

INAMBARI, Rio, “Puno at 2,200 feet” (Watkins), no definite locality.

INCA MINE, “Santo Domingo,” Puno (Keays), not located, but presumably near
San Domingo, *q.v.*

INDEPENDENCIA BAY, Ica, 7615 1410 SD18.

INGAPIRCA, error for Icapirca, *q.v.*, also Laguna de Chinchaycocha, Junin,
(Kalinowski, Jelski), *see* Chinchaycocha.

IQUITOS [Yquitos], Loreto – (Whitely, Raimondi, Bartlett, Berlepsch, Bates and
Hauxwell, Schunke, Gyldenstolpe), 7315 0346 SA18.

ISCAY, error for Islay.

ISCAYBAMBA [Iscaibamba], “Valley of Marcapata, Cuzco,” (Kalinowski), not
located, there is a river, called Iscaibumba, northeast of Marcapata, at 7044
1322 SD19, which may be the locality concerned.

ISLAY, Arequipa – (Whitely, MacFarlane, Rowland, Carriker), 7207 1659 SD18;
Zimmer said the Islay of Whitely includes also foothills 6 miles inland.

ITAYA, Rio, Loreto – (Schunke); this river joins the Marañon at or very near
Iquitos, but Zimmer said collections were made about 50 miles S of Iquitos.

IZCUGHACA [Izaichaca], Huancavelica – (Jelski), 7500 1229 SD18.

JACHJAS, Quebrada de Jachjas, Junin – (Jelski), not located, said to be near Junin
by Zimmer.

JAEN, Cajamarca – (Watkins), 7846 0540 SB17.

JAEN, Provincia de Jaen, Cajamarca – (Raimondi), general position of the province
is about 7900 0530 SB17.

JAHUACocha, “Lake, on Mount Yerupaja” (Harvard Peruvian Expedition),
there is an unnamed lake on the eastern slopes of Yerupaja on the Huanuco
side of the border at about 7653 1016 SC18.

JALCA, Amazonas, 7743 0629 SB18.

JAUJA, and Plateau of Jauja, Junin – (Kalinowski), 7530 1148 SC18.

JAUJA, “streams and rivers of high mountains” (Tschudi, Kalinowski), *see* above.

JAVARI, Rio [Javari, Yavary], Loreto-Brazil – (Bates, Castelnau, Raimondi,
Gould, Hauxwell), no data; this river forms the frontier between Peru and
Brazil and empties into the Amazon below Iquitos.

JELAShte, Rio, San Martin – (Carriker), said to be an affluent of the Rio Huaya-
bamba, the latter joining the Huallaga about 6 kilometers below Pachisa.
According to the map of the Sociedad Geografica de Lima used by Zimmer,
the Rio Jelashte is west of the Rio Hambö. SB18 shows a Tingo Jelache at 7704
0707 at the mouth of a river which joins the Rio Huayabamba; I suspect that

"Jelache" and "Jelashte" are only variants.

JENES, MOUNTAINS, the local name for the mountains east of Balsas, *q.v.*, according to Zimmer.

JESUS, Baños de Jesus, Arequipa - (Tate), near to and "just east of Arequipa," according to Zimmer.

JEQUETEPEQUE, RIO, La Libertad - (Sztolcman), mouth of the river is at 7936 0721 SB17.

JEVEROS [Jeberos, Xeveros], Loreto - (Bartlett), 7614 0517 SB18.

JEVIL, RIO [Gevil], Amazonas - (Sztolcman, Raimondi), about 7718 6025 SB18; a small affluent of the upper Rio Hambo according to Zimmer.

JUANFUÉ [Inanfue, Tuanfue], errors for Juanjui.

JUANJUI, San Martin, 7643 0713 SB18.

JULCAN, Junin, no data, but near Maraynioc according to Zimmer.

JULIACA - (Keays), Zimmer says this is an error as Keays's specimens are from Inca Mine, *q.v.*

JUNIN, Junin - (Kalinowski, Jelski, Raimondi, Brabourne, Sztolcman), 7600 1110 SC18.

JUNIN, LAKE, Junin - (Jelski, Kalinowski, Sztolcman, Morrison, Carriker), 7610 1100 SC18. Specimens were collected also in the environs of the lake, including a site called Casa de Patos on the shores south of Carhuamayo, or about 7605 1058 SC18.

JURUA, RIO, Loreto-Brazil, 7245 0925 SC18 at the international border.

KEATON RIVER, *see* Quiton, Rio.

KHACHUPATA, *see* Cachupata.

LA AROYA, *see* Oroya, Puno.

LACHOC [Lachocc], Huancavelica - (Morrison), 7506 1251 SD18.

LAGARTO HEAD, *see* Cabeza de Lagarto.

LAGARTO, RIO, "alto Ucayali," Loreto - (Olallas), about 7349 1041 SC18.

LA GLORIA, "forest of La Gloria, Vitoc," Junin - (Kalinowski), located 600 feet above La Merced according to Zimmer.

LA GRAMA, Cajamarca - (Simons), indefinite but situated between San Marcos, *q.v.*, and Huamachuco, *q.v.*, according to Zimmer.

LAGUNA DE MALA - (Ridoutt), *see* Mala.

LAGUNA DE VILLA, "near Chorillos," Lima - (Jelski), Villa is at 7702 1212 SD18.

LAGUNAS, Lambayeque - (Bartlett), 7943 0705 SB17.

LAGUNAS, Loreto - (Osgood and Anderson), 7540 0520 SB18.

LAGUNILLAS, Puno - (Carriker), 7038 1545 SD19.

LAGUNILLAS, "Laguna de Lagunillas" (Holmes), probably the same as Lagunillas, Puno.

LA HUANCA - (Raimondi), not located.

LAJILLA [La Lajilla], "top of divide between Pullango [= Rio Puango] and Tumbes," Tumbes - (Watkins), about 8010 0353 SA17, generally speaking.

LA LAJA, Tumbes - (Carriker), about 8008 0348, or 8010 0350 SA17.

LA LEJIA, "north of Chachapoyas," Amazonas - (Watkins), about 7808 0600 SB17.

LA LIBERTAD, "Department, Guadalupe, Pacasmayo," *see* Guadalupe, La Libertad, and Pacasmayo.

- LA LIBERTAD, Loreto, 7505 0705 SB18.
- LAMAS, San Martin – (Garlepp, Raimondi), 7628 0627 SB18; Zimmer notes that Lamas was corrected to Lomas by Taczanowski, and that Lomas (which was not located) may not be the same as Lamas.
- LAMBAYEQUE, Department of – (Raimondi), coastal department north of La Libertad and south of Piura.
- LA MEJORADA, Huancavelica – (Morrison), about 7456 1230 SD18.
- LA MERCED, Junin – (Kalinowski, Watkins), 7520 1104 SC18.
- LANCHAPATA [Lanchepata] – (Raimondi), not located.
- LANGUI, Laguna de Langui, Cuzco – (Whitely, Holmes), 7118 1424 SD19.
- LANZY COCHA, San Martin – (Garlepp), near Tarapoto, or about 7619 0631 SB18.
- LA PAMPA, Puno – (Watkins), 6936 1338 SD19.
- LA PAMPA DE ARRIEROS, *see* Pampa de Arrieros.
- LA PUNTA [de Bombon], Arequipa – (Carriker), 7144 1710 SE19.
- LA QUINUA, Pasco – (Zimmer, Carriker), 7610 1036 SC18.
- LA RAYA [La Raya Pass], Cuzco – (Chapman, Heller), 7059 1429 SD19.
- LA SIERRA, “Chachapoyas,” *see* Chachapoyas of Sztolcman.
- LA SOLANA, *see* Sullana.
- LAS VIEJAS, La Libertad – (Sztolcman), 7916 0707 SB17.
- LA UNION, Puno, 6938 1332 SD19.
- LAURAMARCA, Cuzco – (Garlepp), 7118 1340 SD19.
- LAURICOCHA, not located, apparently near Tarapoto, San Martin, *q.v.*
- LAUTENAY, Cuzco – (Kalinowski), not located, but apparently in province of Urubamba, SD18.
- LECHUGAL [Lechura], Tumbes – (Sztolcman, Jelski, Raimondi), about 8013 0340 SA17.
- LEIMEBAMBA, Amazonas – (Baron, Carriker), 7746 0640 SB18.
- LEJILLA, Piura, not located.
- LEVANTO, Amazonas – (Baron), 7749 0616 SB18.
- LICAMACHAY, “Cordillera de Licamachay,” Cuzco – (Kalinowski), not located.
- LIMA, Lima – (very large amount of references), 7703 1203 SD18.
- LIMABAMBA, Amazonas – (Sztolcman), about 7723 0620 SB18.
- LIMBANI [Limbare, Lunbani], Puno – (Watkins, Ockenden, Carriker, Simons), 6942 1408 SD19.
- LINIMBARE, Rio – (Simons), perhaps error for Rio Inambari.
- LIRA, Huancavelica – (Morrison), about 7511 1308 SD18.
- LIRCAY, Huancavelica – (Morrison), 7442 1257 SD18.
- LLAMA, Cajamarca – (de la Puente), 7908 0631 SB17.
- LLUY [Llulli, Luy], Amazonas – (Carriker), 7750 0644 SB18.
- LOBOS DE AFUERA ISLANDS, off Lambayeque, 8042 0657 SB17.
- LOBOS DE TIERRA ISLAND, off Piura, 8053 0625 SB17.
- LOICHOS, “Pausa,” Ayacucho – (Kalinowski), not located, but Pausa is at 7315 1523 SD18.
- LOMO SANTO, “lower Marañon Valley” (Watkins), not located, but Zimmer believed “Lomo Santo is evidently in hills south of Jaen,” which suggests correct spelling is Loma Santa.
- LOPUNA [Lupuna], San Martin – (Baer), 7642 0717 SB18.

LORETO, Department of Loreto, huge Amazonian department north of Madre de Dios.

LORETO, "on Marañon" (Bartlett); too general, but probably Marañon River in Loreto.

LORETO, "near Pebas," Loreto, 7149 0310 SA19.

LORETTE - (Castelnau Expedition), same region as Loreto, near Pebas.

LUATANAY [Luatanoy], Cuzco - (Kalinowski, not located but near Zurite, according to Zimmer.

LUCMA, Cuzco, 7258 1301 SD18.

LUCMA-COSIRENI PASS, "puna zone," Cuzco, not located, *see* Lucma and Cosireni, Rio.

LUCRE, Cuzco - (Garlepp), 7144 1338 SD19.

LURIN, Lima - (Brabourne), 7652 1217 SD18.

MABO, not located.

MACABAMBA, "near Tarma" (Kalinowski), not located, presumably near Tarma, *q.v.*

MACABI ISLAND, La Libertad - (Hellmayr), 7928 0750 SB17.

MACATE, Ancash - (Osgood and Anderson), 7805 0846 SC17.

MACCHU PICCHU [several variants], Cuzco, 7234 1306 SD18.

MACUSANI [Macusanai], Puno, 7026 1405 SD19.

MAGDALENA VIEJA - (Kalinowski), not located.

MAIRO [Puerto Mairo], Huanuco - (Raimondi, Ridoutt), 7510 0957 SC18.

MALA, Lima, 7637 1238 SD18.

MALCA [Malea], Cajamarca - (Baron), not located, but on road from Cajabamba to San Marcos at about 7809 0735 SB17.

MALLETA, Rio de Malleta, Cajamarca - (Sztolcman), about 7831 0605 SB17.

MANA, "Puna de Mana," Junin - (Tschudi), not located, but at the source of the Rio Aynamayo, according to Zimmer.

MANARIMACUNAN, "Puna de Manarimacunan," Junin, not located, but near the source of the Rio Aynamayo, according to Zimmer.

MANCORA, Tumbes - (Jelski), 8102 0406 SB17.

MANSERICHE, Pongo de Manseriche, Loreto - (Steere), 7735 0425 SB18.

MANTARO, Rio, Junin - (Beck), mouth of the river is at 7404 1148 SC18.

MANTOS - (Jelski), not located, but Zimmer believed this locality is probably near Maraynioc, *q.v.*, or "Paltaypampa" which equals Paltebamba, *q.v.* However, these two localities are far apart.

MAQUEDA, error for Araqueda.

MARANURA [Maramora, Maronura], Cuzco - (Whitely), about 7240 1255 SD18.

MARAÑON RIVER AND VALLEY; many entries, but not narrowed to a definite locality or region, the only exception being the Rio Marañon of Schunke where Zimmer believed Schunke collected near Puerto Melendez, *q.v.*

MARAYNIOC [Marainiyoc], several entries, credited or not to collectors, such as Jelski and Kalinowski; Maraynioc is not on the map but is located in Junin at about 7527 1124 SC18.

MARCA, Ancash - (Simons, Jelski), 7730 1005 SC18.

MARCAPATA, Cuzco - (Garlepp, Ockenden, Berlepsch), 7053 1330 SD19; also several references to Marcapata Valley without localities.

- MASAYACU [Mashayacu, Mazayacu], Junin – (Jelski), not located, but on the Rio Tulumayo, *q.v.*, according to Zimmer.
- MASISEA, Loreto – (Zimmer), 7419 0835 SC18.
- MATARA, Ayacucho – (Church), about 7355 1320 SD18.
- MATUCANA, Lima – (Zimmer, Griswold), 7625 1151 SC18.
- MAYABARUBA – (Delattre), not located; Zimmer believed this locality equals either Moyobamba, “Cuzco,” not located by Zimmer or me, or Moyobamba, San Martin, *q.v.*
- MAYNAPALL, La Libertad, not located, but near Huamachuco, *q.v.*, according to Zimmer.
- MAYNAS [Moynas], Province – (Pöeppig), not located, but in the angle west of the Huallaga River at its junction with the Marañon, near Lagunas, Loreto, *q.v.*, according to Zimmer.
- MAYOBAMBA – (Delattre), perhaps error for Moyobamba.
- MAYRO, “Montaña de Mayro” (Raimondi, Ridoutt), not located, but probably west of Mairo, *q.v.*
- MAZA CRUZ [Mazo Cruz], Puno, about 6925 1638 SE19.
- MAZAN, Rio, Loreto, mouth of the river is at 7311 0332 SA18.
- MAZORCA ISLAND, Lima – (Murphy), 7744 1124 SC18.
- MEMBRILLAR, La Libertad – (Prentico), 7847 0743 SB17.
- MENLOAGO [Meloliago], Cajamarca – (Watkins), about 7842 0549 SB17.
- MENOCUCHO [Mennuccho, Mennuccho, Menochuco, Menucucho], *see* Hacienda Menocucho.
- METRARO [Metrara], “below La Merced,” Junin – (Simons), about 7510 1053 SC18.
- MILLPUC, and Rio de Millpuc – (Sztolcman), *see* Milpac.
- MILLUACHAQUI, La Libertad, not located, but near Huailillas, La Libertad, *q.v.*, according to Zimmer.
- MILPAC, Amazonas – (Sztolcman), 7721 0626 SB18.
- MINABAMBA – (Jelski), *see* Ninabamba, Junin.
- MIRADOR, Ancash, 7808 0841 SC17.
- MIXIOLLO, Rio, San Martin, mouth of the river is at 7637 0802 SC18.
- MOCHE, Valle del Rio Moche, La Libertad (de la Puente), at a point near Samne, *q.v.*
- MOHO, Puno – (Agassiz, Garman), 6929 1521 SD19.
- MOLINOPAMPA, Amazonas – (Osgood and Anderson), 7737 0616 SB18.
- MOLLE – (Saunders), not located.
- MOLLENDO, Arequipa – (MacFarlane), 7201 1701 SD18.
- MOLLEPATA, La Libertad – (Simons), 7757 0812 SC18.
- MONOBAMBA, Junin – (Tschudi), 7512 1125 SC18.
- MONTEALEGRE, Huanuco – (Tessmann), about 7457 0930 SC18.
- MONTERICO, Ayacucho – (Jelski, Sztolcman, Kalinowski, Raimondi, Ridoutt), about 7404 1250 SD18, according to Zimmer, but apparently at or very near 7402 1215 SD18, as suggested by Raimondi’s map.
- MONTONIO – (Jelski), not located.
- MOQUEGUA, and “Province of Moquegua,” Moquegua – (Watkins, Raimondi), town of Moquegua is at 7101 1712 SE19.
- MOQUEGUA, Department of Moquegua, coastal department of southern Peru, below Arequipa and north of Tacna.

- MORROPE [Morraper], Lambayeque – (Raimondi), 8001 0632 SB17.
- MORROPERE, “Tumbes” (Sztolcman), apparently equals Morropon, Piura, below.
- MORROPON, Piura – (Raimondi, Simons, Watkins), 7959 0511 SB17.
- MOTIL, *see* Hacienda Motil.
- MOTUPE – (Raimondi), not located.
- MOYOBAMBA, “Cuzco” (Church), uncertain, but may be equal to the Moyobamba at 7357 1342 SD18 in Ayacucho, *see* below.
- MOYOBAMBA [Moyabamba], San Martin – (Steere, Osgood and Anderson, Raimondi, Sztolcman, Carriker), 7658 0603 SB18. However, the Moyobamba of Raimondi is uncertain, it may apply to this locality, or, as Zimmer suggested, to two localities of the same name in Ayacucho, respectively at 7357 1342 SD18, 7358 1420 SD18.
- MOYOBAMBA, and Mountain of Moyobamba, “11–12° S. Lat.,” not located, but seems to equal the Moyobamba at 7357 1342 SD18 in Ayacucho.
- MOYOBAMBA, “between Moyobamba and Balsapuerto,” and “between Moyobamba and Jeveros” (both Raimondi), equals Moyobamba, San Martin, *see* above.
- MOYOCUCHA [Moyocuchu, Moyoruchu] – (Jelski), not located.
- MUCHICA [Muchiq], Ica – (Carriker), about 7532 1335 SD18.
- MUÑA, “2150 meters,” Huanuco – (Hoffmanns), 7548 0950 SC18.
- MUNICHES [Munichis], Loreto – (Osgood and Anderson), 7613 0552 SB18.
- NANCHO, “Forêt de Nancho,” “Montaña de Nancho,” Cajamarca – (Jelski, Raimondi, Sztolcman), 7915 0658 SB17.
- NANCHOC – (Ridoutt), equals Nancho, above.
- NARANJAPATA – (Sztolcman), not located, but near Coral, *q.v.*, and Totora, *q.v.*
- NASCA, Ica, 7530 1456 SD18.
- NAUTA, Loreto – (many references), 7334 0432 SB18.
- NAZARETH, Loreto – (Osgood and Anderson), 7010 0421 SB19.
- NAZCA, Ica – (Carriker), 7441 1446 SD18.
- NEGRITOS, Piura – (Murphy), 8118 0439 SB17.
- NEGRO, Rio Negro, San Martin – (Watkins), locality concerned on the river seems to be at about 7712 0601 SB18.
- NIBINTO, Cajamarca, 7856 0557 SB17.
- NIEPOS, Cajamarca, 7908 0656 SB17.
- NINABAMBA, Apurimac – (Morrison), “on the road from Ayacucho to Cuzco on the Pampas River . . . about eight miles downstream [from Ahuayro]” according to Morrison, or about 7349 1328 SD18.
- NINABAMBA, Junin – (Jelski, Raimondi), not located, but near Acaricocha, *q.v.*, according to Zimmer, although he suggested also that Ninabamba, Jelski, is, perhaps, Ninacaca, north of Lake Junin at 7607 1052 SC18.
- NINANTAYA, Puno, 6922 1524 SD19.
- NINARUPA, “snow line,” “foot of Ninarupa,” “Montaña de Ninarupa,” “Montaña de Ninarupa between Junin and Obrajillo,” Junin – (Jelski), not located, Junin is at 7600 1110 SC18, and Obrajillo at 7641 1123 SC18.
- NUEVO LORETO – (Baer), *see* Hacienda de Nuevo Loreto.
- NUSINISCATO, Rio – (Traylor), no locality, the Rio Nusiniscato joins the Rio Marcapata at 7034 1315 SD19.

- OBRAJE, "Rio Inambari," probably error for Oroya, Puno, *q.v.*
OBRAJILLO [Obraillo], Lima – (Jelski, Carriker), 7641 1123 SC18.
OCCABAMBA, seems to be variant for Occobamba.
OCCOBAMBA, "near Cuzco" (Garlepp), not located.
OCCOBAMBA, Urubamba, "Occobamba Pass," and "Occobamba Valley," Cuzco – (Heller, Watkins), not located, but the Pass seems to be at about 7217 1305 SD18, and the valley at 7223 1248 SD18.
OCONEQUE, Puno – (Watkins, Carriker), 6942 1404 SD19.
OCROS, Ayacucho, 7353 1320 SD18.
OCUCAJE [Hacienda Ocucaje], Ica – (Kalinowski), 7538 1422 SD18.
OLLACHEA, Puno – (Watkins), 7029 1348 SD19.
OLLANTAITAMBO [Ollantaytambo], Cuzco – (Heller), 7220 1313 SD18.
OLMOS, Lambayeque (Carriker), 7945 0559 SB17.
OMAGUAS, "Rio Marañon," Loreto, 7316 0407 SB18.
OMIA, and Rio de Omia, Amazonas – (Sztolcman), 7721 0624 SB18.
OMIA, "between Omia and Soritor," Amazonas; Omia is at 7721 0624 SB18, and Soritor at 7705 0606 SB18.
OMOTAPE, *see* Amotape.
ONEGA, (Mounsey), locality doubtful, Zimmer believed this locality may either be Omaguas, above, or equals Cuncha, Loreto, *q.v.*
OPAMAYO – (Carriker), *see* Upomayo.
ORDONES, Junin – (Kalinowski), 7610 1105 SC18.
ORELLANA, Rio Ucayali, Loreto – (Zimmer), 7504 0654 SB18.
OROYA, and Cumbre de Oroya, Junin – (Carriker), 7555 1132 SC18.
OROYA [La Aroya], Puno – (Simons), 6940 1352 SD19.
OROYCI, Rio Inambari – (Simons), error for Oroya, Puno, above.
OROZA [Orosa], and mouth of Rio Oroza, Loreto – (Olallas), Oroza is at 7207 0328 SA18, but the collections were made partly on islands in the Amazon between Oroza Island, 7207 0325, downstream in the direction of the mouth of the Rio Javari.
OSILA [Osiro], Puno – (Keays), not located, but near Asillo, Puno, *q.v.*, according to Zimmer.
OSMAL, Amazonas – (Taczanowski), not located, but Zimmer believed this locality "must be near Chachapoyas and Tamiapampa," *see* both.
OTERO, Lima – (Philippi), not located, but said to be near Lima, *q.v.*
OTUZCO, La Libertad – (Baron, Osgood, and Anderson), 7835 0754 SB17.
OTUZCO, "province of Otuzco to Chitapuara [or Chitahuara]," La Libertad – (Baer), not located.

PABUR, *see* Hacienda de Pabur.
PACASMAYO, La Libertad – (Sztolcman, Jelski, Baron, Steere, Orton, Raimondi), 7935 0725 SB17.
PACAYA, Loreto, 7403 1014 SC18.
PACAYMAYO, *see* Pucamayo.
PACCHAPATA, Hacienda and Lake, *see* Hacienda Pacchapata.
PACHISA [Pachiza], San Martin – (Sztolcman, Schunke), 7645 0719 SB18.
PACHITEA, Rio, Huanuco, mouth of the river is at 7432 0845 SC18.
PAGANCHO, Huanuco, about 7609 0959 SC18.
PAHARA [Pajara], Laguna de Pahara, Puno – (Kalinowski), uncertain, but per-

- haps equals Laguna de Para, at about 7007 1635 SE19.
- PAITA [Payta], Piura – (Markham, Neboux), 8107 0505 SB17.
- PALAMBLA, Piura – (Watkins), 7937 0523 SB17.
- PALCA, Junin – (Jelski), 7534 1122 SC18.
- PALCA, Tacna – (Garlepp), 7003 1748 SE19.
- PALCAMAYO [Palcaymayo], Junin – (Jelski, Kalinowski), 7457 1119 SC18.
- PALCAZU, Huanuco – (Hoffmanns), not located, but situated between the Rio Palcazu and the Rio Pichis, or roughly 7500 0955 SC18.
- PALETILLAS, Piura – (Watkins), about 8025 0415 SB17.
- PALLCA, Amazonas – (Sztolcman), not located, Zimmer stated that Pallca is said to be in the drainage of the Rio Curi-Yacu, *q.v.*
- PALMA – (Baer), equals Hacienda de Nuevo Loreto, *q.v.*, according to Zimmer.
- PALOQUEMADO – (Hellmayr), not located.
- PALTAYPAMPA, Junin – (Jelski), about 7517 1120 SC18.
- PALTAYPAMPA [Paltay-bamba] – (Kalinowski), equals Paltebamba, Cuzco, below.
- PALTEBAMBA, Cuzco, about 7212 1250 SD18.
- PALTO, “Montaña de Palto,” Cajamarca – (Sztolcman, Jelski, Raimondi), about 7845 0553 SB17.
- PAMPA DE ARRIEROS, Arequipa – (Carriker), 7136 1604 SE19.
- PAMPA DE DERRUMBE, Cuzco – (Kalinowski), locality uncertain, but probably about 7246 1252 SD18.
- PAMPA DE FELIPE, “near Huayabamba Valley,” according to Zimmer, not located but probably in San Martin; the Rio Huayabamba joins the Huallaga at about 7642 0715 SB18.
- PAMPA JESUS, “Quebrada de Vitoc,” Junin – (Jelski), about 7518 1114 SC18.
- PAMPAS DEL SACRAMENTO, San Martin-Loreto – (Castelnau and Deville), general region at about 7530 0830 SC18.
- PAMPAYACO, Huanuco – (Pöeppig), about 7552 0933 SC18.
- PANAO, and Panoa Mountains, Huanuco – (Zimmer), 7559 0953 SC18.
- PAN DE AZUCAR, “Chanchamayo,” Junin (de la Puente), not located, but presumably in region of Chanchamayo, *q.v.*
- PANGO, and Montaña de Pango, Junin – (Raimondi), about 7428 1110 SC18.
- PARACAS, Ica – (Ridoutt), 7616 1349 SD18.
- PARACAS BAY [Bay of Paraca], Ica – (Markham, Murphy), 7618 1350 SD18.
- PARAMONGA, Lima – (Birdseye, Carriker), 7749 1041 SC18.
- PARANAPURA, RIO, Loreto – (Sztolcman, Bartlett), mouth of the river is at 7605 0554 SB18; Zimmer stated that Sztolcman collected all along this river from the mouth of the Rio Cachiyacu, which is at 7628 0543 SB18, to that of the Paranapura.
- PARCOPAMPA, Ancash, 7727 0945 SC18.
- PARIAHUANCA, “Montaña de Huancayo,” Junin – (Raimondi), 7452 1200 SC18.
- PARIAYACU, Junin – (Kalinowski, Jelski), about 7522 1118 SC18.
- PARIGUANA, and Lake Pariguana, not located.
- PARINARI CANYON, “Loreto” (Hellmayr), not located, but there are two localities, both called Parinari, on the Marañon in Loreto that are not far apart, one at 7434 0426 SB18, the other at 7427 0437 SB18. There is also an island of the same name, and a locality called Santa Cruz de Parinari between the two Parinaris for which the coordinates are given.
- PASTAZA, RIO, Loreto – (Bartlett), mouth of the river is at 7621 0451 SB18.

- PATAZ [Patas], Cajamarca – (Carriker), 7737 0744 SB18.
- PATOCANCHA, Lake Patocancha, Junin – (Carriker), about 7557 1102 SC18.
- PATOPE – (Sztolcman), not located.
- PAUCAL, Cajamarca – (Jelski, Raimondi), about 7910 0700 SB17.
- PAUCARTAMBO [Pancartambo, Pancartanbo, Pancastambo, Paucaitambo, Paucarbamba, Paucatambo, Paucartanbo], Cuzco – (Whitely, Garlepp), 7140 1318 SD19.
- PAUSA [Pauza], Ayacucho – (Kalinowski), 7315 1523 SD18.
- PEBAS [Pebos, Pevas], Loreto – (Orton, Hauxwell, Raimondi, Castelnau and Deville, La Mert, Layard, Bates and Hauxwell, Bartlett, Mounsey, Steere), 7149 0310 SA19.
- PERENE, “Colonia del Perene,” Junin – (Schunke, Carriker, Watkins), 7515 1052 SC18.
- PERENÉ, RIO, Junin – (Simons), mouth of the river is at 7419 1108 SC18.
- PERICO, Rio Chinchipe, Cajamarca – (Bangs and Noble, Watkins), 7846 0515 SB17.
- PESCORA [Pescara] – (Jelski), not located.
- PETAS, Amazon River – (Herndon), probably error for Pebas.
- PICAFLO, Loreto – (Tessmann), about 7442 0803 SC18.
- PICHACANI, Puno – (Kalinowski), 7002 1606 SE19.
- PIEDRA GRANDE, “near Chachapoyas,” Amazonas – (Sztolcman), not located, but presumably near Chachapoyas, *q.v.*
- PIEDRAS, “upper Rio Piedras,” Madre de Dios – (Bassler), mouth of the river is at 6913 1230 SD19.
- PILARES, Piura – (Watkins), 8028 0423 SB17.
- PILCOPATA, RIO, Cuzco – (Raimondi), the Rio Pilcopata joins the Rio Cosñipata at 7116 1302 SD19.
- PIMPINGOS, Cajamarca – (Sztolcman, Jelski), 7850 0556 SB17.
- PIÑA, San Martin – (Baer), 7651 0815 SC18.
- PINDUCUCHU, Rio de Pinducuchu, Amazonas-San Martin – (Sztolcman), name given to a section of the Rio Huambo, *q.v.*, according to Zimmer.
- PINTOBAMBA, Cuzco – (Castelnau and Deville), about 7243 1246 SD18; however, this locality may refer to Pintabamba, Cuzco, 7241 1253 SD18.
- PION, “between Pion and Chachapoyas, near Coccocho,” Amazonas – (Sztolcman); Coccocho is at 7821 0612 SB17, Pion was not located.
- PIQUITAMBO, “Rio Tocache,” San Martin – (Baer); not located, but just east of Cueva Seca, *q.v.*, according to Zimmer.
- PISAC, Cuzco – (Watkins), 7151 1325 SD19.
- PISACOMA, “Arequipa” (Meyen), not located, but perhaps Pisamoca, Puno, at 6917 1647 SE19.
- PISCO, Ica – (Carriker), 7613 1343 SD18.
- PISCO BAY, Ica – (Watkins), 7617 1345 SD18.
- PISQUI, RIO, Loreto – (Schunke), not on the map, but mouth of the river is perhaps at about 7457 0745 SB18.
- PITUMARCA, Cuzco – (Whitely), about 7130 1400 SD19.
- PIURA, “Department of Ayacucho” (Kalinowski), not located.
- PIURA, Piura – (Simons), 8038 0511 SB17.
- PIURA, RIO, and “Piura River Valley” Piura, no data, the Rio Piura flows through the city of Piura.

PIZANA [Pisana], "junction of Mixiollo and Huallaga Rivers," San Martin, equals Puerto Pizana at 7636 0802 SC18.

PLATANAR, *see* Hacienda Platanar.

POCO TAMBO, *see* Pucatambo.

POMAHUACA, Cajamarca, 7915 0555 SB17.

POMARA, "Marañon," Amazonas – (Watkins), about 7822 0523 SB17.

POMAYACO, Apurimac – (Morrison), not located, but "1½ hour ride from Ahuayro," *q.v.*, according to Morrison.

PONERO, "Montaña de Ponero," Huanuco? – (Raimondi), not located, but Zimmer suggested with a query that this locality may equal Panao, *q.v.*

PONGO DE MANSERICHE, Loreto – (Steere), 7735 0425 SB18.

POQUIURA, not located.

PORCOM, *see* Hacienda de Porcom.

PORCULLA, and Porculla Pass, Lambayeque-Cajamarca – (Carriker), not located, but said to be on the border of the two departments at about 7927 0556 SB17; the specimens of Carriker were, however, taken in Lambayeque.

POROTO, La Libertad – (Watkins), 7846 0802 SC17.

PORT ANCON – (Oustalet), *see* Ancon, Lima.

POSCO, Arequipa – (Watkins), 7145 1703 SE19.

POTRERO [Potiero, Portero], Cuzco – (Whitely, Kalinowski), 7245 1252 SD18.

POZO DE LAMBEDERO [Lamederos], Tumbes – (Sztolcman, Jelski), near Lechugal, *q.v.*

POZUZO, Huanuco – (Hoffmanns), 7533 1004 SC18.

PROVINCIA DE ARAQUEDA, La Libertad – (Baer), *see* Araqueda.

PUCACURO, Lake Pucacuro, Loreto – (Bartlett), 7522 0602 SB18.

PUCAMAYO [Pacamayo, Pacaymayo], Cuzco – (Kalinowski, Sztolcman), about 7234 1234 SD18.

PUCAPAMPA, Huancavelica – (Morrison), about 7505 1300 SD18.

PUCARA, Cajamarca – (Jelski, Watkins), about 7911 0600 SB17.

PUCARA, "Rio Tulumayo," Junin – (Kalinowski), 7515 1118 SC18.

PUCATAMBO [Poco Tambo], San Martin – (Osgood and Anderson, Raimondi, Carriker), 7711 0609 SB18.

PUERTO ARTURO, Loreto – (Anderson), 7602 0550 SB18.

PUERTO BERMUDEZ, Pasco – (Zimmer), 7454 1020 SC18.

PUERTO ENRIQUE, Loreto – (Zimmer), 7500 0555 SB18.

PUERTO INDIANA, Loreto – (Olallas), about 7243 0325 SA18.

PUERTO MARQUEZ, Huanuco – (Tessmann, Schunke), *see* Montealegre.

PUERTO MELENDEZ, Loreto – (Schunke), about 7732 0426 SB18.

PUERTO YESSUP, Pasco – (Carriker), 7452 1027 SC18.

PUIURA, Ayacucho, not located, but said to be near Pausa, *q.v.*, by Zimmer.

PUJUNI, Puno – (Kalinowski), not located.

PUKAGAGA MOUNTAIN, "near Panao," Huanuco, about 7555 0958 SC18.

PUMAMARCA, Cuzco – (Heller), not located, but near Ollantaitambo, *q.v.*

PUMAMARCA, Junin – (Jelski, Sztolcman, Raimondi), not located, but Zimmer said this locality is probably near Acaricocha, *q.v.*

PUMA-URCU, "Montaña de Puma-Urcu," Amazonas – (Sztolcman, Jelski), about 7751 0616 SB18.

PUNCARACAY RUINS – (Heller), not located, but said to equal Macchu Picchu.

PUNCUIOS, "Puna de Idma," not located, but *see* Idma, Cuzco.

- PUNGA TAPICHE, Loreto – (Bassler), about 7407 0555 SB18.
PUNO, Puno – (Kalinowski, Raimondi), 7002 1550 SD19.
PUNO, Bahia de Puno, Lake Titicaca, Puno – (Holmes), 6955 1545 SD19.
PUNTA DE BOMBON, Arequipa, 7148 1710 SE19.
PUNTOYACU, Junin – (Raimondi), about 7524 1110 SC18.
PUQUIO, Ayacucho, 7404 1449 SD18.
PUQUIURA, Cuzco, 7207 1327 SD18.
PUTINA, Puno, 6953 1455 SD19.
PUYAS-YACU [Puyascu], Junin – (Kalinowski), about 7520 1115 SC18.
- QUEBRADA DE CULEBRAS, not located.
QUEBRADA DE CULEBRAS – (Raimondi), not located.
QUEBRADA DE SANDI – (Raimondi), not located.
QUEBRADA HUARANDOSA, Cajamarca – (Watkins), 7848 0512 SB17.
QUERECOTILLO [Querocotillo], Cajamarca – (Sztolcman), 7907 0618 SB17.
QUEROPUQUIO, Junin, 7548 1125 SC18.
QUETA [Quota], Junin, *see* Hacienda de Queta.
QUEUEQUE – (Ockenden), equals Oconeque, *q.v.*
QUICHES, Ancash – (Carriker), 7727 0825 SC18.
QUILLABAMBA, Cuzco, 7242 1249 SD18.
QUIMIRI, Alto de Quimiri, Puente de Quimiri, Junin – (de la Puente, and ?Weyranch), not located, but probably near La Merced, *q.v.*, according to Zimmer.
QUINCEMIL, Cuzco – (Traylor), about 7041 1315 SD19.
QUIQUIJANA, Cuzco – (Kalinowski), 7134 1350 SD19.
QUIRAPATA [Quiripata], not located.
QUIRAVILCA [Quiruvilca], La Libertad – (Carriker), 7819 0800 SC17.
QUISPICANCHIS, Province of Quispicanchi, Cuzco – (Ockenden), 7055 1325 SD19.
QUITON, Rio, Puno – (Keays), 6940 1352 SD19.
- RAY-HURMANA MOUNTAIN, Amazonas – (Sztolcman, Jelski), about 7721 0628 SB18.
RECUAY, Ancash, 7728 0943 SC18.
REITER, “Rio Reiter, Chanchamayo,” not located.
REQUE, Lambayeque – (Simons), 7950 0651 SB17.
REQUENA, Loreto – (Schunke), about 7400 0502 SB18.
RIMAC, “eastern Peru,” Madre de Dios – (Markham), 6909 1236 SD19.
RIMAC, “Rio Rimac” (Markham), not located.
RIMAC, “upper Rio Rimac between 8000 and 14,000 feet,” Lima – (Nation), about 7615 1145 SC18.
RIMAC VALLEY – (Nation), not located, probably the same as Rio Rimac of Nation.
RINCONADA, Arequipa, about 7104 1510 SD19.
RIOJA, San Martin – (Steere, Garlepp, Osgood, and Anderson), 7708 0604 SB18.
ROABOYA, Loreto – (Tessmann), 7455 0747 SB18.
ROCK FOREST, Pasco or Junin – (Carriker), about 7628 1053 SC18.
ROMEROS, Piura – (Carriker), about 8024 0430 SB17.
ROPAYBAMBA, Junin – (Jelski, Raimondi), about 7543 1105 SC18.

- ROQUE, San Martin – (Gyldenstolpe), 7645 0624 SB18.
ROSACOCOA [Rosococha], lakelet, *see* Curicocha.
RUMICRUZ, Pasco – (Watkins), about 7555 1044 SC18.
RUMICUCHU [Rumicucha] – (Sztolcman), not located.
RUNCARACCAY RUINS, not located.
- SAGRARIA [Sagrario, Segravio], Puno – (Simons), 6941 1355 SD19.
SALASARA [Salazara], Nudo de Sasarasa, equals Sarasara, *q.v.*
SALAVERRY, La Libertad, 7859 0814 SC17.
SALINAS, “Lake Salinas,” Arequipa – (Whitely), 7108 1621 SE19.
SAMNE, La Libertad – (de la Puente, Carriker), 7841 0758 SB17.
SAÑACA [Saniaca], Cuzco – (Kalinowski), about 7037 1316 SD19.
SAN ANTONIO [San Anton], Puno – (Keays), 7020 1436 SD19.
SAN ANTONIO, “near Cosñipata,” Cuzco – (Whitely), 7130 1302 SD19.
SAN BARTOLOMÉ, Junin – (Jelski), about 7519 1115 SC18.
SAN BARTOLOMÉ, Lima – (Koepcke), 7633 1153 SC18.
SAN BLAS (Kalinowski), not located.
SAN CARLOS, not located.
SAN DAMIAN [San Domiano], “Ropaybamba” (Jelski), not located.
SANDIA, Puno – (Carriker), 6927 1417 SD19.
SAN EMILIO, “Valley of Vitoc,” Junin – (Kalinowski), not located, but presumably in Vitoc Valley.
SAN FELIPE, Cajamarca – (Watkins), 7920 0546 SB17.
SAN FERNANDO, “Rio San Miguel,” Cuzco – (Heller), about 7305 1251 SD18.
SANGALLAN ISLAND, Ica, 7627 1350 SD18.
SAN GAVAN, [San Gaban] “Quebrada, or Rio San Gaban,” Puno (Raimondi), not located, but mouth of river is probably about 7018 1324 SD19.
SAN IGNACIO, Cajamarca – (Watkins, Raimondi, Carriker), 7900 0507 SB17.
SAN JACINTO (Sztolcman), not located.
SAN JERONIMO [San Geronimo], Cuzco – (Kalinowski), 7153 1332 SD19.
SAN JOSÉ, Lambayeque – (Carriker), 7958 0646 SB17.
SAN JUAN, Junin – (Carriker), about 7508 1052 SC18; probably the full name is San Juan de Perené.
SAN LORENZO ISLAND, Lima – (Simons, Markham, MacFarlane), 7715 1205 SD18.
SAN MARCOS, La Libertad – (Baron), 7811 0720 SB17.
SAN MARTIN, “Huayabamba Valley,” not located, but presumably in valley of the Huayabamba.
SAN MARTIN ISLAND, Lima – (Carriker), 7741 1102 SC18.
SAN MATEO, Lima – (Jelski, Simons, Raimondi), 7619 1146 SC18.
SAN MIGUEL, Cajamarca – (Sztolcman), 7852 0700 SB17.
SAN MIGUEL, “Idma,” Cuzco – (Kalinowski), about 7238 1305 SD18.
SAN MIGUEL BRIDGE, Cuzco – (Heller), near Torontoy, *q.v.*, or about 7238 1306 SD18.
SAN MIGUEL, RIO, Cuzco – (Jelski, Heller), mouth of river is at about 7314 1243 SD18.
SAN MIGUEL ROAD, not located, but apparently on Rio San Miguel.
SAN NICOLAS, Amazonas – (Sztolcman), 7725 0618 SB18.
SAN NICOLAS, Rio de San Nicolas, Amazonas – (Sztolcman), a name for the

- upper Rio Huambo apparently in vicinity of San Nicolas, above.
- SAN PABLO, Cajamarca - (Baron, Simons), 7850 0708 SB17.
- SAN PEDRO, Amazonas - (Baron, Watkins), 7742 0637 SB18.
- SAN PEDRO, Ancash - (Carriker), not located, but "on the lower Rio Sihuas," according to Zimmer; the Rio Sihuas joins the Rio Grande (or Rupac) at 7735 0835 SC18.
- SAN PEDRO, Cuzco - (Kalinowski), about 7040 1316 SD19.
- SAN PEDRO DE CUMBASA, San Martin - (Garlepp), 7618 0632 SB18.
- SAN PEDRO DE LLOC, La Libertad - (Orton, Boucart), 7931 0726 SB17.
- SAN PEDRO "near Lurin," Lima - (Tschudi), about 7654 1216 SD18.
- SANQUIBAMBA, "Coracora," Ayacucho - (Kalinowski), *see* Coracora.
- SAN RAMON, Junin - (Anderson, Simons), 7520 1108 SC18.
- SANTA ANA, "Idma," Cuzco - (Kalinowski, Heller, Castelnau and Deville), probably equals Quillabamba, Cuzco, *q.v.*
- SANTA CLARA, Ancash - (Carriker), 7725 0830 SC18.
- SANTA CRUZ, Cajamarca - (de la Puente), 7857 0638 SB17.
- SANTA CRUZ, Loreto - (Bartlett, Sclater and Salvin), 7548 0533 SB18.
- SANTA EULALIA, Lima - (Zimmer), 7636 1151 SC18.
- SANTA INEZ, Huancavelica - (Morrison), 7505 1312 SD18.
- SANTA LUCIA, Puno - (Carriker), 7038 1542 SD19.
- SANTA LUCIA [Santa Luzia], Tumbes - (Sztolcman, Jelski, Raimondi), about 8025 0330 SA17.
- SANTA MARIA, "Haut Amazonne," Loreto - (Castelnau and Deville), about 7155 0305 SA19.
- SANTA MARIA DE CRUCES, Junin - (Tschudi), not located, but in region of Andamarca, *q.v.*, according to Zimmer.
- SANTA RITA, "Urubamba Cañon," Cuzco - (Chapman, Cherrie), about 7230 1311 SD18.
- SANTA ROSA, Amazonas - (Watkins), about 7830 0524 SB17.
- SANTA ROSA, "Marañon Valley," Cajamarca - (Sztolcman), not located, but in the region of Choros, *q.v.*
- SANTA ROSA, Cuzco - (Chapman and Cherrie), 7239 1259 SD18.
- SANTA ROSA, Huancavelica - (Morrison), not located, but "below Huancavelica," *q.v.*, according to Zimmer.
- SANTA ROSA, Junin - (Olallas), 7350 1042 SC18.
- SANTA ROSITA ISLAND, equals Santa Rosa Island, Ica - (Murphy), 7610 1418 SD18.
- SANTIAGO, equals Santiago de Chuco, La Libertad - (Baron, Raimondi, Ridoutt), 7810 0809 SC17.
- SANTIAGO, RIO, Loreto - (Schunke), mouth of the river is at 7738 0424 SB18.
- SANTO DOMINGO, Puno - (Ockenden, Ockenden and Watkins, Carriker), 6940 1350 SD19.
- SAPOSOA, San Martin - (Carriker), 7648 0657 SB18.
- SARACOA, LAKE, Puno - (Holmes), 7045 1545 SD19.
- SARASARA, and Nudo de Sarasara, Ayacucho - (Kalinowski), 7318 1524 SD18.
- SARAYACU [also Mision de Sarayacu], Loreto - (Garlepp, Bartlett, Olallas, Hauxwell, Castelnau and Deville, Raimondi, Berlepsch, Sclater), 7506 0643 SB18.
- SARNAPAYCHA, "Valley of Vitoc," Junin - (Kalinowski), not located, but pre-

- sumably in Vitoc Valley, *q.v.*
SAUCE [Sauces], Cajamarca – (Sztolcman, Watkins), 7842 0549 SB17.
SAYAN, Lima – (Watkins), 7712 1108 SC18.
SCHIZMAY, Huanuco – (Zimmer), about 7609 0957 SC18.
SECHURA, Piura, 8051 0533 SB17.
SECO, RIO, San Martin – (Watkins), about 7715 0609 SB18.
SENDAMAL [Sandamal, Sandomal], Cajamarca – (Carriker), 7814 0700 SB17.
SEPAHUA, RIO [Sapahua], Loreto – (Bassler), mouth of the River is at 7240 1103 SC18.
SEQUES, Lambayeque – (Watkins), about 7918 0654 SB17.
SHALCA – (Sztolcman), probably error for Pallca, *q.v.*
SHANUSI, San Martin – (Garlepp), about 7616 0608 SB18.
SHANYN – (Sztolcman and Jelski, Raimondi), not located, but Zimmer believed this locality may be on the Rio Chamaya, *q.v.*
SHAPAYA, San Martin – (Carriker), 7614 0637 SB18.
SHIGRIAY – (Simons), not located, Zimmer suggested this locality may equal Chiquian, *q.v.*
SHUMBA, Cajamarca – (Carriker), 7846 0528 SB17.
SICUANI, Cuzco – (Garlepp), 7114 1416 SD19.
SIGUIRI, Loreto – (Berlioz), about 7637 0247 SA18.
SILLAPATA, Huanuco – (Jelski, Raimondi), 7643 0942 SC18.
SIMBAL, La Libertad – (Watkins), 7849 0758 SB17.
SOCOTA, Cajamarca – (Sztolcman), 7843 0618 SB17.
SOCOTA VALLEY, Cajamarca – (Sztolcman), the Rio Socota joins the Rio Lascar at 7834 0618 SB17.
SOLAIO, Piura – (Warszewicz), not located, but Zimmer believed this locality is probably situated “above Saulaca,” which is located at about 7930 0530 SB17.
SOMATE [Samata, Samate], Piura – (Watkins), 8030 0446 SB17.
SONDOR, Arequipa – (Kalinowski), 7340 1531 SD18.
SONDOR, Piura, 7925 0519 SB17.
SONDORILLO, Piura – (Watkins), 7926 0521 SB17.
SOQUIAN, *see* Hacienda de Soquian.
SORIANO, Junin – (Jelski), not located, but near Tarma, *q.v.*, according to Zimmer.
SORITOR [Sorritos], Amazonas – (Sztolcman), 7705 0606 SB18.
SORORONA [Socorona] – (Frobeen), not located.
SUAYO, Loreto – (Schunke), about 7455 0718 SB18.
SUCCHA, La Libertad, *see* Hacienda Succha.
SUCCHA, La Libertad, no data, equals perhaps Succhabamba at 7839 0745 SB17.
SUCHIMAN, *see* Hacienda de Suchiman.
SULLANA, Piura – (Bangs and Noble, Simons, Watkins), 8042 0453 SB17.
SUMBAY, Arequipa – (Simons), 7123 1558 SD19.
SUPUNA, *see* Lopuna, San Martin.
SURCO, Lima – (Simons, Koepcke), 7628 1153 SC18.
SURDO – (Jelski), not located.
SURITE [Suriti], *see* Zurite.
TABACONAS, Cajamarca – (Bangs and Noble), 7919 0519 SB17.
TACABAMBA – (Sztolcman, Jelski), not located, but Zimmer suggested this locality

- may be Tecapampa, which equals Parcopampa, Ancash, *q.v.*
- TACNA, Tacna – (Garlepp, Hooker), 7018 1800 SE19.
- TALAHUARRA, Huancavelica – (Morrison), about 7503 1257 SD18.
- TALARA, Piura – (Murphy), 8117 0435 SB17.
- TAMARINDO, Piura, 8058 0453 SB17.
- TAMAYA, RIO, Loreto – (Tessmann), mouth of the river is at 7415 0830 SC18.
- TAMBILLO, Cajamarca – (Sztolcman), about 7837 0557 SB17.
- TAMBILLO, “between Cutervo and Socota,” Cajamarca – (Sztolcman, Jelski, Raimondi), *see also* note under Chira, Cajamarca.
- TAMBILLO, “Province of La Convencion,” Cuzco – (Kalinowski), not located.
- TAMBO DE AZA, Junin – (Kalinowski, Jelski), not located but in Vitoc Valley, *q.v.*
- TAMBO, “Laguna de Tambo,” (Whitely), not located but probably near Islay, *see below*.
- TAMBO, “near Islay,” Arequipa – (Whitely), not located, but presumably near Islay, *q.v.*
- TAMBO, RIO, and Tambo Valley, Arequipa – (Whitely); the Rio Tambo empties into the Pacific at 7148 1710 SE19.
- TAMBO, RIO, “Province of Junin,” Junin – (Simons), the Rio Tambo referred to joins the Urubamba at 7348 1042 SC18.
- TAMBOPATA, RIO [Tambapota, Tembopata], Junin – (Jelski), not located, but the dates suggested this Rio Tambopata is not far from Aquimarco, *q.v.* It is not the river of the same name in Puno and Madre de Dios.
- TAMBORAPA, Cajamarca – (Watkins), about 7920 0517 SB17.
- TAMBORIN, Piura – (Simons), equals Tamarindo, *q.v.*
- TAMIAPAMPA, Amazonas – (Sztolcman, Jelski, Raimondi), about 7752 0620 SB18.
- TANJUI, Laguna de Tanjui – (Whitely), not located.
- TAPICHE, RIO, Loreto – (Olallas), about 7400 0502 SB18.
- TAPO, Junin – (Kalinowski), about 7537 1124 SC18.
- TARAPOTO, San Martin – (Raimondi, Garlepp, Steere, Wald, Feld, Dorf), 7619 0631 SB18.
- TARMA, Junin – (Jelski, Kalinowski, Carriker), 7543 1125 SC18.
- TARMA, no data, but equals Hacienda de Queta, *q.v.*
- TARMA, “near Tarma,” Junin, no data, but equals San Bartolomé, Junin, *q.v.*, according to Zimmer.
- TARMA, “vicinity of Tarma,” no collector, but equals Amable Maria, Junin, *q.v.*, according to Zimmer.
- TARMA, RIO, Junin – (Jelski, Kalinowski), this river joins the Rio Palca at Tarma of Jelski, Kalinowski, Carriker, *see above*.
- TARMA, “Sierra de Tarma,” not located.
- TAULIS, Cajamarca – (Watkins), about 7910 0701 SB17.
- TAVARA, RIO, Puno – (Watkins), about 6936 1322 SD19.
- TAYABAMBA, La Libertad – (Baer), 7717 0817 SC18.
- TECAPA [Ticopa], La Libertad – (Orton), about 7923 0721 SB17.
- TECAPAMPA, equals Parcopampa, *q.v.*
- TEMBLADERA, Cajamarca – (Baron), 7856 0527 SB17.
- TENDALPATA, Junin – (Kalinowski), not located, but in Vitoc Valley, *q.v.*
- TIABAYA, Arequipa – (Tate), 7136 1626 SE19.

- TICA-TICA, Cuzco – (Watkins), about 7203 1326 SD18.
- TIGRE, RIO, Loreto – (Hauxwell), 7405 0426 SB18.
- TINGO, Arequipa – (Tate), 7135 1626 SE19.
- TINGO DE SAPOSOA, San Martin – (Carriker), about 7637 0705 SB18.
- TINGO MARIA, Huanuco – (Raimondi), 7557 0908 SC18.
- TINTA, Cuzco – (Whitely, Turner), 7125 1410 SD19.
- TIRAPATA, “Maraynioc,” not located.
- TIRAPATA, Puno, 7025 1458 SD19.
- TITICACA, Laguna de Titicaca, Puno – (Garlepp, Whitely, Pentland, Gould, Meyen, Raimondi, Veitch, Sztolcman), 6930 1530 SD19.
- TITIRE [Titiri], Puno – (Kalinowski), 7007 1455 SD19.
- TOCACHE, or San Juan de Tocache, San Martin – (Baer), 7628 8011 SC18.
- TOCOPOQUEN [Tocopoqueyu], Cuzco – (Heller), about 7221 1253 SD18.
- TOLON [Talaon, Talon], La Libertad – (Simons), 7919 0718 SB17.
- TONO, RIO, Cuzco, 7114 1254 SD19.
- TORATA, Moquegua – (Pearson), 7047 1705 SE19.
- TORONTOY, and “above Torontoy,” Cuzco – (Heller), 7230 1310 SD18.
- TOTORA, Amazonas – (Sztolcman), 7723 0627 SB18.
- TOTORA, Rio de la Totoro, Amazonas – (Sztolcman), 7721 0627 SB18.
- TRAPICHE, Ica – (Kalinowski), 7537 1354 SD18.
- TRIGAL, Cajamarca – (Jelski), about 7913 0701 SB17.
- TRUJILLO, La Libertad – (Baron, Steere, Brabourne, Watkins), 7902 0807 SC17.
- TUANFUE (Garlepp), error for Juanjui, *q.v.*
- TULIAN [Tuhan] – (Kalinowski), equals Julcan, Junin, *q.v.*
- TULPO, *see* Hacienda de Tulpo.
- TULUMAYO, Junin – (Watkins), not located, but near San Ramon, *q.v.*
- TULUMAYO, RIO, Junin – (Whitely, Jelski, Watkins, Tschudi), 7520 1108 SC18, at junction with the Rio Palca at San Ramon, *q.v.*
- TUMAN, Lambayeque, 7943 0645 SB17.
- TUMBES, “delta and mouth of the Rio Tumbes,” Tumbes – (Sztolcman, Jelski), 8027 0330 SA17.
- TUMBES, “near Santa Lucia,” *see* Santa Lucia, Tumbes.
- TUMBES [Tumbez], Tumbes – (Sztolcman, Jelski, Steere, Raimondi), 8028 0334 SA17.
- TUMBES BAY, Tumbes, 8025 0328 SA17.
- TUNGASUCA, and Laguna de Tungasuca, Cuzco – (Whitely), 7130 1411 SD19.
- TUTUMBEROS, Amazonas, about 7822 0521 SB17.
- TUTUMO, Tumbes – (de la Puente), not located, but near Lechugal, *q.v.*
- TUTUPACA, Volcan de Tutupaca, Moquegua, 7020 1656 SE19.
- TUYASYACU, not located, but Zimmer believed this is probably an error for Puyas-Yacu, *q.v.*
- UCAQUI, *see* Hacienda Ucaqui.
- UCAYALI, RIO, many collectors but no locality mentioned, other than parts of the river, such as lower, middle, or upper Ucayali. The Ucayali joins the Marañon in Loreto at 7325 0430 SB18 to form the Amazon.
- UCHUBAMBA, “near Vitoc,” Junin – (Tschudi), not located, but presumably in Vitoc Valley, *q.v.*

- UCHUMAYO, Cuzco – (Chapman and Cherrie), 7241 1255 SD18.
- UCHUPATA PASS, Piura – (Watkins), not located, but Zimmer stated it is near Huancabamba, *q.v.*
- UTCUBAMBA, equals Utcubamba, *q.v.*
- UDIMA, “Rio Zana [Sana],” Cajamarca, about 7918 0648 SB17.
- UPOMAYO [Upamayo], Junin – (Carriker), 7616 1055 SC18.
- URAMARCA, equals Yuracmarca, Ancash, *q.v.*
- URCOS, Cuzco, 7139 1342 SD19.
- URQUILLOS, Cuzco – (Kalinowski, Garlepp, Berlepsch), not located, but Zimmer said dates suggested it is between Andahuailillas and San Jeronimo, *see* both.
- URUBAMBA, “boca del Urubamba” (Olallas); this is a fraudulent locality, the labels were forged by the collectors named, according to Zimmer.
- URUBAMBA CAÑON, Cuzco, no data, the cañon extends from about town of Urubamba, downstream to some distance below Macchu Picchu.
- URUBAMBA, Cuzco – (Garlepp), 7208 1316 SD18.
- URUHUASI, Puno, 7028 1344 SD19.
- USCHO [Uchco, Uschco], San Martin – (Watkins), about 7713 0611 SB18.
- UTCUBAMBA, San Martin – (Baer, Carriker), 7707 0813 SC18.
- UTCUBAMBA, RIO, Amazonas, the Rio Utcubamba joins the Marañon at 7834 0530 SB17.
- UTCUBAMBA, “Rio Utcubamba, near Chachapoyas,” Amazonas – (Sztolcman, Jelski), about 7752 0616 SB18.
- UTCUBAMBA, “Rio Utcubamba, west of Leimebamba,” Amazonas – (Osgood and Anderson), about 7752 0640 SB18.
- UTCUYACU, Junin – (Watkins), about 7528 1112 SC18.
- VACAPAMPA, Cajamarca – (Baron), not located, but near Celendin, *q.v.*, according to Zimmer.
- VALLE, “upper Huallaga,” San Martin – (Garlepp), 7648 0735 SB18.
- VARADERO, error for Baradero, *q.v.*
- VEGUETA [Begueta, Bequeta, Vegeta], Lima – (Watkins, Carriker), 7739 1102 SC18.
- VELOTA – (Sztolcman), not located, but “apparently near Huambo,” according to Zimmer.
- VENTANA, Cerro Ventana, San Martin – (Osgood and Anderson), 7714 0604 SB18.
- VENTILLA [Ventija], Amazonas – (?Osgood and Anderson), 7731 0609 SB18.
- VERDE, RIO, San Martin – (Sztolcman), about 7645 0719 SB18.
- VIEJOS, equals Las Viejas, La Libertad, *q.v.*
- VILCABAMBA, Cuzco – (Kalinowski), 7302 1305 SD18.
- VILCABAMBA, RIO, Cuzco – (Kalinowski), 7240 1258 SD18.
- VILCAMAYO, RIO – (Whitely), not located.
- VILCANOTA, Laguna Vilcanota, “northeast of La Raya” (Raimondi); the lake was not found, but the Nudo de Vilcanota is northeast of La Raya, in Cuzco-Puno, at 7057 1426 SD19.
- VILLA, Lima – (Ridoutt), 7702 1212 SD18.
- VILLA, Laguna de Villa, Lima, between Villa and Chorillos, *see* both.
- VILQUE CHICO [Vilquechica], Puno – (Garman), 6938 1512 SD19.
- VIÑA, *see* Hacienda Viñas, La Libertad.

VINCOCAYA, "northeast of Sumbau," Arequipa, 7110 1553 SD19.

VINCOCAYA, "Lake Titicaca" (?Garlepp), not located, there is a Vincocaya in Arequipa at 7110 1553 SD19, about 120 kilometers west of Puno, which is perhaps the locality involved.

VINCOCAYA, "Puno" (Garlepp), not located, this may be the Vincocaya, "Lake Titicaca," listed above, or, as Zimmer suggested, may equal Ninantaya, Puno, *q.v.*

VINON, "Marañon," equals Hacienda Viñas.

VIRU, La Libertad – (Watkins), 7845 0826 SC17.

VISTA ALEGRE, Huanuco – (Zimmer), 7552 0931 SC18.

VITARTE, Lima – (Zimmer, Watkins), 7657 1202.

VITOC, Quebrada de Vitoc, Junin – (Jelski), the upper reaches of this stream are at about 7523 1120 SC18.

VITOC VALLEY, and Montaña de Vitoc, Junin – (Jelski, Kalinowski, Raimondi), Vitoc is at about 7518 1111 SC18, and the valley of Vitoc, "above Chilpes" at about 7520 1118 SC18.

VITOR, Arequipa – (Watkins), 7152 1624 SE19.

WARINJA, Lake Warinja, Piura – (Bangs and Noble), not located, but Zimmer stated it is located four hours north of Huancabamba, *q.v.*

XEBEROS, equals Jeveros, *q.v.*

XETEQUEPEQUE, Rio, *see* Jequetepeque, Rio.

YAGUACHI, not located.

YAGUAS, Loreto – (Castelnau and Deville), 6959 0241 SA19.

YAGUAS, RIO, Loreto, mouth of the river is at 6959 0241 SA19.

YAHNAS, probably error for Yaguas, or Yahuas Territory, *q.v.*

YAHUARAMAYO, Rio, Puno – (Watkins), 7018 1318 SD19.

YAHUAS TERRITORY, "near Pebas," equals Peba Territory, Loreto, at the headwaters of Rio Yaguas, or about 7130 0300 SA19.

YAKU, "8 miles west of Rioja," San Martin, about 7715 0603 SB18.

YAMBO PATA, "on the west shore of Lake Titicaca," Puno – (Stübel), not located, but perhaps equals Pomata situated at 6920 1618 SE19.

YANAC, Ancash – (Carriker), 7753 0836 SC18.

YANACANCHA, Cajamarca – (Jelski), about 7827 0700 SB17.

YANAVIA, "near Arequipa," not located.

YANAYACU, Rio, Junin – (Tschudi), not located, but Zimmer believed it situated northwest of Jauja, *q.v.*

YANA-YACU, Rio, Loreto (Lincoln), 7315 0310 SA18.

YANA-YACU [Yana-Yaco], Loreto – (Anderson), about 7615 0552 SB18.

YARINA COCHA [Yarinacocha], Loreto – (Garlepp, Tessmann), about 7442 0813 SC18.

YAULI, Huancavelica – (Morrison), about 7453 1244 SD18.

YAULI, Junin, 7605 1141 SC18.

YAVARI, RIO, *see* Javari, Rio.

YERUPAJA, Cerro Yerupaja, Lima – (Harvard Peruvian Expedition), 7655 1016 SC18.

YIMNBARE, RIO, probably error for Rio Inambari.

YONAN RIVER, "northeast of Trujillo" Cajamarca (?), not located, but Yonan is in Cajamarca at 7906 0716 SB17.

YQUITOS, equals Iquitos.

YUNGAY [Yaguay], Ancash - (Simons), 7745 0910 SC18.

YURACMARCA [Uramarca, Yuramarca], Ancash - (Simons), 7755 0844 SC18.

YURIMAGUAS, Loreto - (Garlepp, Sztolcman, Bartlett, Jelski, Steere, Osgood and Anderson, Whitely, Raimondi, Hauxwell), 7605 0554 SB18.

YUVINI, Cuzco - (Heller), about 7314 1243 SD18.

ZAPOTAL, Rio Chinchipe, Cajamarca, about 7840 0524 SB17.

ZARATE, Lima - (Koeppcke), near San Bartolomé, Lima, *q.v.*

ZARUMILLA, RIO [Zurmilla, Zurumilla], Tumbes-Ecuador (Sztolcman, Raimondi), the mouth and valley of the river is at 8014 0326 SA17.

ZEPITA [Cepita], Puno - (Stübel), 6908 1625 SE19.

ZORRITOS [Sorritos], Tumbes - (Steere, Sztolcman), 8040 0340 SA17.

ZURITE [Surite], Cuzco - (Kalinowski), 7128 1324 SD18.