Rock Art Studies Bibliographic Database

KEYWORD GUIDE

A joint project of the Museum of Northern Arizona and the Bay Area Rock Art Research Association

Leigh Marymor, Compiler
Mortars, cupules, and pecked curvilinear nucleated forms. Canyon Trail Park, San Francisco Bay Area, California, USA.

Compiled by Leigh Marymor, Research Associate, Museum of Northern Arizona.

September 26, 2020
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### KEYWORD GUIDE

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INTRODUCTION:

Thus the greatest contribution this database makes to the discipline is its creation of a minimum baseline, defining what is an adequate knowledge level to contribute credibly to this field.

(Robert G. Bednarik)\(^1\)

The aim of the RASBdb keyword guide is to support nuanced searches of the world’s rock art literature. With the advent of the Systematic Quantitative Literature Review (SQLR)\(^2\) methodology making its way into academic rock art research, it is hoped that this keyword guide will assist students and researchers in expanding their familiarity with the body of research that impacts their research questions.

A link to a helpful database users’ tutorial is available on the RASBdb home page at the Museum of Northern Arizona website\(^3\). The tutorial provides pointers on how to search and sort the database. Users can quickly learn the simple commands that will result in time-efficient explorations of the literature.

As a cloud-based online resource, the RASBdb is continually updated in real time. Current research is continually entering the database and entries of older publications are continually being backfilled into it. Corrections and expansion of the data within the data fields is ongoing, often supported by user feedback and contributions.

The RASBdb at more than 42,400 citations is a very large, perhaps the world’s largest, compilation of citations to rock art literature. It is, however, not without limitations. There are a number of reasons a region’s rock art resources may be under represented in the database. Among these are: widely varying amounts of governmental and private support for rock art research around the globe; research has not been published; research is self-published or is gray literature with limited access to restricted governmental or private holdings; research is published but narrowly disseminated and rarely cited; research is published in languages that fall outside the compiler’s skill set (e.g. Chinese, Russian, Hindi, Farsi, etc.); research is very current and not yet disseminated or cited. For these reasons, it is always recommended to test keyword searches over a wide variety of search engines and print resources.

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3 https://musnaz.org/search_rock_art_studies_db/
KEYWORD GUIDE

SUBJECT Keywords:
The Subject Keywords found below while not exhaustive do represent a wide sampling of tag words found in the RASdb Subject Keyword field.

CULTURAL CONTEXT
Motif Distribution; Site Distribution; Style Area; Style region

CULTURAL RESOURCE MANAGEMENT
Cultural Tourism
Eco-tourism; economic development; guide book; guided tour; visitor access
Community Involvement
Aboriginal ranger program; advocacy; custodian; political awareness; public awareness; site steward; volunteer
Condition Assessment
Evaluation; risk map; Rock Art Stabilization Index (RASI); visitor log book
Conservation
Conservator, Rock Art Consultation Documentation
Archeological site record; rock art recording form
Impacts, Environmental
Accretions; algae; animals; biodeterioration; biofilm; biological; climate; climate control; deterioration; dust; earthquake; erosion; exfoliation; fire; fungi; humidity; insect; lichen; lichen removal; microclimate; mineral coating; moisture; pollution; seismic activity; soil erosion; spalling; temperature; water; wave; erosion; weathering; wind

Impacts, Human
Boulder displacement; bouldering; camp fire; development; eco-tourism; foot traffic; graffiti; ignorance; industry; mass tourism; mining; off-road vehicles (OHV); oil and gas development; over exposure; rock climbing; smoke blackening; sustainable tourism; theft; touch; vandalism; visitor behavior; walking on; In Situ, move from

Legal Protection
Civil suit; criminal charges; law; legislation; prosecution; regulation

Management Plan
Monitoring
Condition assessment; visitor survey; vehicle survey; mobile phone application

Physical Intervention
Barrier; boardwalk; drip line; dust control; facsimile; fence; infrastructure; interpretive center; interpretive sign; low rail barrier; platform; psychological barrier; replica; site improvements; stabilization; structures; trail

Public Interpretation
Brochure; docent; guided tour; interpretive center; interpretive
KEYWORD GUIDE

sign; pamphlet; public education; virtual tour

Preservation
Significance
Aesthetic value; Heritage; cultural value; economic value; monetary value
Stakeholders
Stewardship
Conservancy; custodian; land management agency; land manager; land trust; site steward

DATING
Chronology; Desert Varnish; Mud Wasp Nest; Patina; Relative Dating; Stratigraphy; Stylistic Dating; Superposition; Superimposition

DIRECT DATING: PETROGLYPHS (ROCK CARVINGS; ROCK ENGRAVINGS)

Accretions
AMS radiocarbon dating; calcite, calcium; U/Th dating; U/Th dating radiocarbon
Cation Ratio Analysis
Cosmogenic Nuclide Analysis
Depictions of Objects with Age Information
Luminescence Dating
Mud wasp nest
Obsidian Hydration
Rock Varnish
Organic inclusions
Stratified Deposits
Weathering Indices
Microerosion dating

DIRECT DATING: PICTOGRAPHS (PICTOGRAMS; ROCK PAINTINGS)

Accretions
AMS radiocarbon dating; calcite, calcium; U/Th dating; U/Th dating radiocarbon
Beeswax
AMS radiocarbon dating
Charcoal Pigments
Conventional pretreatment with AMS radiocarbon dating; Plasma extraction of organic carbons with AMS radiocarbon dating
Cosmogenic Nuclide Analysis
Depictions of Objects with Age Information
Luminescence Dating
Mud wasp nest
Stratified deposits
Stylistic analysis

DOCUMENTATION
Aerial Photography
Balloon; Drone
Archival storage
Image database; image inventory; site inventory
Augmented Reality
Artificial intelligence; Virtual reality
Bias
Cultural bias; Eurocentricity; subjectivity
Casts
Foil; latex; molds; plaster; silicon; thermoplastic resin
KEYWORD GUIDE

Classification
Element identification; nomenclature; terminology, typology

Digital Sound Recording

Digital Storage
Computer database; data entry; data retrieval; data storage

Drawing
Accuracy; inaccuracy; scale drawings; sketching; string grid

Historic Documentation
Historic photographs

Laser Scanning
3D scanning; Laser Induced Breakdown Spectroscopy (LIBS)

Lighting
Artificial light; bright sunlight, electronic flash; infra-red; night lighting; oblique lighting; polarized; side lighting

Mapping
Cartography; Geographic Information System (GIS); Global Positioning Systems (GPS); relational database; survey; textural mapping

Mobile Phone App
DStretch; LabStretch; interpretive applications; Rock Care

Multidimensional Scaling
Spatial relationship

Panorama
Gigapan; Gigapixel imaging; photomosaic

Photo Enhancement
Adobe Photoshop, color calibration; color correction; decorrelation stretch; DStretch; image enhancement; ImageJ; LabStretch

Photogrammetry
Agisoft Photo Scan / Metashape Professional Software1; Algebraic Point Set Surfaces (APSS); AsTrend; close-range; digital rubbing; Sketchfab; Structure from Motion (SfM), three dimensional modelling (3D)

Photography
Bright sunlight; Camera Lucida; camera mount; cross-polarization; distortion; electronic flash; infra-red; iPad; microphotography; spherical photography; stereophotography

Recording Methodology
IFRAO scale; photo calibration scale; recording forms; recording standards

Remote Sensing
Image based 3D modeling; LIDAR; terrestrial laser scanning; terrestrial photogrammetry

Rubbing
Catalog of; cloth; damage from; digital rubbing; ink; paper; promotion of; reproduced from; rubbing technique; tactigraphy; wax

Site Record
Archaeological site record, Rock Art recording form

Site Survey
Field school; robots; volunteers

Spatial Imaging System

Stratigraphy
Deposition; erosion; Harris Matrix; micro-stratigraphy; palimpsest; sedimentation; sedimentology; superimposition; superposition
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Surface Feature Enhancement
MeshLab Radiance Scaling enhancement; Reflectance Transformation Imaging (RTI); shading; surface features

professional norms; professional vandalism; repainting; retouching; reversibility; significance; site etiquette; touching; values

Tracing
Acetate; copying; from photographs; from slides; in situ; mylar; stratification techniques; tactigraphy

HERITAGE
Community Heritage; Cultural property; National Heritage; Patrimony; World Heritage

Traditional Knowledge
Oral history

Video
Multimedia; Social media

EDUCATION
Archive; art education; assessments; audio visual; classroom; computer; curricula; database; digital media; film; interpretive center; media; museum display; print materials; post-graduate; primary; public; publications; replica; secondary; signage; social media; symposia; tactile; undergraduate; values oriented; visual-spatial; volunteers

ETHICS
Academic integrity; behavior; chalking; code of ethics; commodification, confidential informants; conflicts of interest; copyright; cultural appropriation; cultural heritage law; cultural property rights; deontology; ethnocentrism; field samples; guidelines for visiting rock art sites; intellectual property rights; lichen removal; Indigenous rights;
KEYWORD GUIDE

Pigment
Animal fat; aragonite; azurite; albuminous; binder; bird guano; blood proteins; celadonite; charcoal, cinnabar; clay; color classification; copper; fading; fugitive; grinding stones; hematite, gypsum; inorganic; iron oxide; kaolin; langite; lead; limonite; malachite; manganese; mineral; ochre; paint; pigment cakes; pigment loss; pigment sample removal; pigment stick; recipe; serpentine; source; spangolite; urine; volkonsoite

Pigment Analysis
AMS dating of beeswax pigments; chromatic measurement; conventional pretreatment with AMS radiocarbon dating; Gas Chromatography–Mass Spectroscopy (GC–MS); inorganic pigments; infrared analysis; Laser ablation-induced coupled plasma-mass spectrometry (LA-ICP-MS); Mössbauer Spectroscopy; nuclear microscopy; physical-chemical analysis, SEM-EDX; PIXE analysis; plasma extraction of organic carbon with radiocarbon dating; Portable Energy Dispersive X-Ray Fluorescence (EDXRF) spectrometer; Portable X-ray Fluorescence (pXRF) scanning; Raman spectroscopy; scanning electron microscopy; spectroscopic analysis; Synchrotron X-ray Diffraction; X-ray diffraction; X-ray fluorescence

Rock Feature Incorporation
Bas-relief; cave wall contours, cracks; edges; folds; holes; rock angles; serrated edges; steps; three-dimensional representations; wall morphology; Yoni

Technique
Experimental replication

INDIGENOUS WORLDVIEW
Exploitation; custodian; ethnography; Indigenous intellectual property; Indigenous property claims, most-likely descendants; post-colonial contact; repaint; retouch; ritual desecration; sacred site

INTERPRETATION, EXAMPLES OF
Altered states of consciousness; animism; Archaeoacoustics; Archaeoastronomy; archetypes; art for art’s sake; beliefs; ceremony; boundaries; clan; entoptic; fertility; gender; hunting; meaning; myth; mythology; religion; ritual; shamanism

MOTIFS: REPRESENTATIONAL; FIGURATIVE; ICONIC; NATURALISTIC:
Animal; bestiary; domestic; fauna; quadruped; wild; zoomorph:

Amphibian
goof, salamander; tadpole, toad

Antilocapridae
KEYWORD GUIDE

antelope; eland; gazelle, hartebeest; kudu, pronghorn, reedbuck, rhebok

Arachnid
scorpion, spider, tick

Avian
bird, bluebird, condor, crane; duck, eagle; falcon, fowl, frigate, goose, great auk; hawk; hen, hummingbird, macaw, nightjar, ostrich, owl, parrot, peacock, raptor, rhea, roadrunner, stork, swallow, swan, swift, vulture, water fowl, wings

Bovidae
auroch, bison, bovid, bovidian, Bubale Antique, bubalin, buffalo, bull, cattle, cow, gemsbok, impala, musk ox, oryx, ox, oxen, springbok, udder, water buffalo, wildebeest, yak

Camelid
camel, dromedary, guanaco, llama, vicuña

Canidae
canine, coyote; dingo; dog, fox, jackal, wolf

Caprini
boquetin, caprid, chamois; goat, ibex, mountain goat, ram

Castoridae
beaver

Cephalopoda
octopus, squid

Cervidae
caribou, cervid, deer, elk, fawn, hind; megaceros; moose, red deer; reindeer, roe; Saiga; stag; ungulate

Cetacea
whale, dolphin

Chordata
anteater

Crustacea
crab

Dasyuridae
Tasmanian Devil

Echinoidea
sand dollar, sea urchin

Equidae
burro, donkey, equid, horse, mule, tarpan (Eurasian wild horse), quagga, wild ass, zebra

Felidae
caracal, cat, cheetah, cougar, feline, jaguar, leopard, lion, lynx, panther, sabre toothed tiger

Giraffidae
giraffe, giraffid

Hippopotamidae
hippopotamus

Hyaenidae
hyaena, hyena

Hydrochoerinae
capybara

Insect
bee; beetle, butterfly, caterpillar, centipede, cicada, dragonfly, formling, grasshopper, insectiform, locust, mantis, millipede, moth, robber fly, termite, wasp

Lagomorph
hare, rabbit

Macropod
kangaroo, marsupial, wallaby

Megafauna

Microchiroptera
bat

Mustelid
badger, otter, weasel, wolverine

Ovis
bighorn sheep, mouflon, sheep

Pholcidae
daddy long-legs

**Pinniped**
- sea lion, seal

**Pisces**
- aquatic, albacore, barramundi, conger, eel, fin, fish, flatfish, marine, mollusk, mormyrid, needlefish, rudderfish, salmon, salmonid, shark, shellfish, spearfish, swordfish, trout, tuna

**Primate**
- baboon, Cercopithecoida, monkey

**Proboscidean**
- elephant, Elephas Antiquus, mammoth, mastodon

**Procaviidae**
- dassie, rock hyrax

**Pteropodidae**
- flying fox, fruit bat

**Reptile**
- cayman, crocodile, Gila monster, goanna, lizard, rattlesnake, serpent, snake, tortoise, turtle

**Rhinocerotidae**
- rhinoceros, wooly rhinoceros

**Rodentia**
- porcupine, rodent

**Suidae**
- boar, hog, pig, swine, tapir, wart hog, wild boar

**Tachyglossidae**
- long beaked echidna

**Thylacene**

**Tubulidentata**
- aardvark

**Ursidae**
- bear, cave bear, ursus

**Animal - body parts:**
- Corniform (horn); headless animal; ostrich shell; pelt; polypephalic; tusk

**Animal - composite; hybrid:**
- Bull - deer hybrid; horse and rider; horse-deer; horse-goose; camel and rider

**Animal - mythical:**
- Bunyip; fantastical; flying buck; Piasa bird; water monster

**Astronomical:**
- Astral; comet; constellation; corona; eclipse; halo; meteor; Milky Way; moon; lunar; planetaria; Pleiades; sky map; star; sun (soliform, solar); supernova

**Calendrical:**
- Aztec calendar, calendar, counting, light and shadow interaction; lunar count; number; numeration; numerical; tally mark

**Climate; weather:**
- Aurora; cloud; lightening; mirage; rain; rainbow; snow; thunder; water; whirlwind

**Death:**
- Blood; burial rite; corpse; dead man; human sacrifice; illness; manslaughter; mummy bundle; murder; skeleton; skull; suffering; trauma
KEYWORD GUIDE

Epigraphy; rock writing:
    Alphabet; ankh; Cherokee syllabary;
    Chippewa alphabet; hieroglyph;
    inscription; Islamic inscription;
    letters; Libyco-Berber inscription;
    Old Negev script; omega; Phi;
    punctuation; script; Safaitic
    inscriptions; signature; writing;
    Thamudic inscriptions; Tifinagh
    script

Flora:
    Flowers; fruit; fungi (mushroom);
    plants (agave, bean, cactus, corn,
    datura, fern, jimson weed, legume,
    maize, peanut, rice, root, squash,
    tobacco, tuber, yam, yucca); tree
    (arboriform, conifer, dendromorph)

Games
    Game board; hoop and pole game;
    Nine Men’s Morris game; sky games

Graffiti
    Dates; names; Roman graffiti,
    initials; inscription; signatures

Heraldic:
    Banner; Camunian Rose; clan crest;
    Coat-of-Arms; crown; ensign;
    heraldic bird; insignia; logo; Maltese
    Cross; mining seal; scepter; shield;
    standard

Humans; anthropomorph:
    Arms-back kneeling posture;
    attendant; bent over backwards;
    crew; dancer; dynamic figure; falling
    man; female; fetal position; flute
    player; flying; herder; humpbacked;
    hunter; infant; jump (jumper); king;
    kneeling; male; man; mono;
    navigator; obese female; robed-
    figure; Round-head; seated figure;
    singer; soldier; spread leg figure;
    squatting human; stick figure;
    swimmer; warrior; waving; woman;
    wounded man

Human and animal conflation; hybrid:
    therianthrope
    Antelope-man; antlered human;
    bird-headed (bird-man); bison-man;
    dart-headed; dog headed; dog-man;
    duck-feet figure; elephant-man;
    elephanthrope; fish character; frog-
    men; lizard-man; mermaid; ostrich-
    man; rabbit man; sun-head; sun
    man

Human body parts; posture:
    Armless; big feet; big hands; breasts;
    bust; caricature; cephalic;
    deformation; digitate; digits
    (fingers): downturned arms; ear;
    elongated body; elongation;
    emotion; exaggeration; eye; face;
    facial expression; facial features;
    finger amputation; finger prints:
    flying head; foot (footprint); gesture;
    hairstyle; hand (handprint; hand
    stencil); hand-and-eye; headless;
    infibulation; gender; gesture;
    goggle-eyed; head; injured feet;
    labia; laughter; long legged; mask;
    mouth; mouthless; mutilation;
    negative handprint; palm print;
    pediform; penis; phallus; placenta;
    podomorph; polydactyly; positive
    handprint; posture; pubic triangle;
    raised arm; repose; scalp; severed
    head; six fingers; six toes; skeleton;
KEYWORD GUIDE

skull; smile; somersault; sound (speech); spine (backbone); Steatopygous; tear; toes; topknot; triangular-shaped; trophy head; vagina; vulva; walking feet; weeping eye; Yoni

Human body embellishment; accoutrement; tattoo; ornament:
  Appendages; arm band; belt; bracelet; cicatrices; cloak; clothing; costume; ear spool; ear plug; ear ring; face paint; feather; fringe; hair whorl; headdress; hoop; in-filled bodies; necklace; pattern-bodied; penis sheath; regalia; robe; sash; scarification; skirt; streamers; tassel

Hunting:
  Animal capture; animal trap; archer; barb; bee hunting; bola; corral; desert kite; drive lane; drive net; fish hook; fish trap; fisherman; hamstringing; hook; hunt; hunter; loop line; net; quiver; snare; wing trap

Landscape:
  Hill; mountain; ocean; river; sea; water

Map:
  Astrological chart; cartography; directional; globe; landscape; orientation; star map; topography; game trails; hunting area

Material culture; daily life; domestic:
  Anchor; apron; bag; ball court; basket; baton; blanket; brand; breechclout, building; calumet; cane; cartouche; castle; camp; canopy; cap; cauldron; clothing; club; community gathering; container; cordage; corral; crook; defecation; draft animal; enclosure; feather bustle; field; flag; grain bin; hat; honey; honeycomb; horse bonnet; horse tack; house, hut (tectiform); lactation; loincloth; loom; loom weight; meat drying; medical; medicine bundle; moccasin; money; oil lamp; plough; plowing; pottery; property marks; pruning hook; saddle; saddle blanket; settlement; shed; staff; teepee; tethering stone; textile; tower; trail marker; weaving; western clothing; wasam (wasum); wigwam; whip; yoke; yurt

Misinterpreted:
  “Black Dragon;” dinosaur; “White Lady”

Musical:
  Dance; drum; flute player; harp; horn; lute; lyre; music; musical bow; musical instrument; rattle; singer; trumpet; wind instrument

Religious; ceremony; prayer; myth; mythic; ritual; worship:
  Animal familiar; Awanyu (crested serpent, horned serpent, plumed serpent, Quetzalcoatl); Buddhist; Bwili (flying trickster); Cannibal Woman; ceremonial mace; church; cosmic tree; Christ; Christian Cross; chorten (shrine); church; crosier (pastoral staff); deity; demon; dragon; elk dreamer; emergence;
KEYWORD GUIDE

fire altar; Flower World; Horus; human sacrifice; idol; Indian doctor; Kachina (Katsina); Kokopelli; labyrinth; Lightning figure; mandala; Manitou; medicine bag; medicine wheel; Mimi spirit; Mother Goddess; Mother of Animals; mythic woman; orant (worshiper); Owl Woman; Pagoda; peregrination; Piasa Bird; Pharaoh; poro; potency; power lines; priest; Rainbow Serpent; rain making; regalia; ritual paddle; Sacerdote; Sacred Heart; sea monster; Shaman; shrine; sipapu; solar journey; sorcerer; Spirit Being; spirit helper; Split Boy; Storyteller; stupa; suppliant; Thunderbird; Tlaloc; trance; Tree-Of-Life; Tsagiglalal, Twins; Venus; Wanjina (Wandjina); water bag; Water Ghost Woman, Water Baby; Yam figure; Yei

Semiotics:
  Signs

Sexuality; fertility; gender (see also: Human body parts; Scenes):
  Bestiality; birth; bisexual; childbirth (parturition); circumcised, coital (coitus); copulation; erotic; genitalia; hermaphrodite; hocker (birth position); homosexuality; intercourse; ithyphallic, Komari (female genitalia); men and animals; menses; menstruation; phallic; pregnant; pregnancy

Tools:
  Adze; ax (axe, hache); bored stone; crooked staff; digging stick; hoe; scalpel; scoop; shovel; sickle

Tracks; print:
  Animal spoor; animal track; bear paw; bird track; cattle track; deer track; dinosaur track; footprint; dreaming tracks; emu track; hoof print; macropod track; paw print; podomorph; sandal print; shoe print; turkey track

Transportation:
  Airplane (plane); automobile; bangue; bicycle; boat (naviform), canoe; car; caravan; carriage; cart; chariot; covered wagon; dhow; dugout; hull; kayak; maritime; oar; paddle boat; pirogue; sailing ship; ship; sled; snowshoe; steamship; train; vehicle; wagon

Weapon; war:
  Armor; arrow; atlatl; blade; body armor; boomerang; bow; breastplate; bullroarer; coup count; dagger; dart; duel; escutiforme (personified axe); firearm; gun; halberd; head hunting; helmet; hostage; knife; lance; military; musket; point; projectile; rifle; scalping; shield (scutiform); spear; spear-thrower; shield bearing warrior; sword; throwing stick; torch-bearer; V-neck warrior; war dog; war honors

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KEYWORD GUIDE

MOTIFS: SCENES; ASSOCIATION; COMPOSITION: JUXTAPOSITION; NARRATIVE:

Acrobatic performance; animal-female confrontation; antelope scene; audience scene; battle scene; bear-coming-out scene; biblical scene; bovine mating scene; ceremony; choral scene; circle dance; complex scene; dog combat; hunting scene; duel; elephant hunt; fawn with bird; fertility scene; fight scene; figure with offering; fishing scene; funerary scene; honey hunter; horse and chariot with rider chase giraffe scene; horses moving along a ground line; horse stealing scene; human - bird interaction; line dance; marching men; pastoral scene; procession; rhino hunt scene; ritual animal killing; sexual scene; somersaulting over an animal scene; violence; war; wrestler

MOTIFS: NON-REPRESENTATIONAL; ABSTRACT, NON-FIGURATIVE; NON-ICONIC; SIGNS:

Abstract:
Blob; dot groups; dot patterns; finger dot; finger line; incomplete; indistinct; random; slash mark; smear; spatter

Basin:
Mortar; rock kettle; shallow pan

Cupule:
Cup; cup mark; cup-and-groove; cup-and-ring; pit-and-groove, pitted

Finger fluting; finger trace

Geometric; graphism:
Arc; asterisk; bar (dash); basin-shaped; bisected; branch-like (ramiform); candlestick; checkerboard; chevron; circle; circle and cross; cloak; club (clavate; claviform); concentric; concentric circle; crescent; cross (cruciform); cross hatch; curvilinear; diamond; dots; (disks, peck marks); double spiral; dumbbell; ellipse; embellished circle; fan; figure 8; filiform (thread-like); formling; fret; grid; grill; H-form; horseshoe; hourglass; interlocking line; I-shaped, J-form; key; keyhole; ladder (scalariforme); lattice; leaf-like (reniform); linear (line); lobed-circle; lozenge; maze-like; meander; nested; oval; ovoid; palette; parallel line; pentagram; penannular (incomplete circle); pipette; point; punctate; quadrangle; quartered; radiate; rake; rayed; rectangle; rectilinear; rhombus; rosette; semi-circle; serpentine; Solomon’s Knot; spindle (fusiform); spiral; square; stair; starburst; swastika; tee (T); trefoil (three-part, three-lobed); triangle; trident; U-shaped; wavy line; wheel-shape; X-form; Y-shape; zigzag

Grinding slick:
Milling; slick

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Groove:
  Channel; gutter; Pecked Curvilinear Nucleated (PCN); sharpening groove; tool groove

Notch (serration):
  Edge marking; faceted; modified edge; scalloped; serrated;

Polish; polissoir

ORIGINS OF ART
  Abstract; abstraction; body paint; cognition; contemporary art; first art; language; modern art; perception; perspective; sign gesture language; taphonomy; writing

RESEARCH MODALITIES, EXAMPLES OF
  Aesthetics; Archaeoaoustics; Archeoastronomy; Archaeology; Archeometry; Anthropology; Art History; Chemistry; Climatology; Cognitive Psychology; Education; Forensics; Geochemistry; Geology; Hermeneutics; Karstology; Microbiology; Morphology; Museology; Nuclear Chemistry; Neuropsychology; Ontology; Palynology; Phenomenology; Semiotics

ROCK FEATURES

Cairn
  Cist; rock pile; tomb

Dolmen
  burial chamber; Cromelech; Orthostat; passage grave; passage tomb;

Effigy Mound

Effigy stone
  Buffalo stone; ribstone

Geoglyph
  Ground drawing; ground figure; jeroglyph; petroform; stone inlay

Grinding Slick
  Bedrock metate; Grinding stone

Intaglio
  Cleared circle

Kerb Stone

Labyrinth

Lithophone

Medicine Rock
  Medicine stone spirit stone; trail shrine

Megalith
  Manitou stone; massebah; massebath; menhir; standing stone; Monument

Mortar

Pareidolia
  Natural rock forms with perceived animate shapes

Ringing Rock
  Bell rock; rock gong

Rock Alignment
  Stone alignment; windrow

Rock Basin
  Cauldron; pothole

Rock Circle
  Calderstones; henge; stone circle

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Rock Ring
dance circle; hunting blind; medicine wheel; prayer circle; rock enclosure; sleeping circle; tipi ring; vision circle

Rock Slide
Rock chute

Rock Wall
Trincheras

Sculpture
Statue

Sculptured Rock
rock cut relief; rock relief; sculpted rocks; e.g. architectural

Speleotherm

Sculpture

Deer Stone; statue-stele; pl. stelae

Tumulus
pl. Tumuli

Wing Trap
Desert kite; drive line; fish trap; fish weir

SITE CONTEXT

Archaeological Context

Cultural Context
Motif distribution; site distribution; style area

Historic Context

Landscape Context
Geomorphology; landforms; macro view; micro view; resource area; viewshed

TEMPORAL DIVISIONS, EXAMPLES OF

Aurignacian; Archaic; Azilian; Bronze Age; Chalcolithic; Copper Age; Epigravettian; Formative; Gravettian; Historic; Holocene; Hunter-gatherer; Ice Age; Iron Age; Magdalenian; Metal Age; Mesolithic; Middle Age; Medieval; Neolithic; Paleolithic; Pastoral; Pleistocene; Post-paleolithic; Post contact; Prehistoric; Protohistoric; Roman Period; Solutrea

PLACE NAME Keywords:

Place names in the RASBdb can be searched from the macro to micro scale. Place name tags range from "World" (for non-place specific, broad topics) to increasingly specific tags indicating: Continent, Geographic Region, Country, State or Province, Local region, District or County, City, Site Place Name, and/or Archaeological Site Number.

ROCK ART STUDIES

Bibliography

Database

History of research
Historiography; Rock Art Studies Bibliographic Database; Systematic Quantitative Literature Review (SQLR)

SEMIOTICS

Composition; grapheme; graphic communication; heraldic; ideogram; narrative; notational system; pictogram; psychogram; rock writing; scene; sign; symbol; syntax

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The Place Name keyword guide includes macro scale place names arranged by continent and subdivided by country name. For the most part it is countries with more than 100 citations in the RASBdb or with significant rock art resources that are detailed with additional governmental and physiographic place names.

Local jurisdiction and site specific place names are far too numerous for inclusion in the scope of this guide. However, see “Australia” for an example of regional rock art place name-specific keywords.

Not every place name listed here is associated with a rock art site. The guide errs on the side of a robust listing of country and regional names.

CENTRAL AFRICA

Cameroon
Central African Republic
Congo (formerly Zaire)
Equatorial Guinea
Gabon
Republic of Congo
Rwanda
Sao Tome & Principe

EAST AFRICA

Burundi
Conoros
Djibouti
Eritrea
Ethiopia
Kenya
Madagascar
Malawi (formerly Nyasaland)
Mauritius
Mayotte (France)
Mozambique
Réunion (France)
Seychelles
Somalia
South Sudan

Tanzania (formerly Tanganyika)

Regions:

Arusha; Dar es Salaam; Dodoma; Geita; Iringa; Kagera; Katavi; Kigoma; Kilimanjaro; Lindi; Manyara; Mara; Mbeya; Morogoro; Mtwara; Mwanza; Njombe; Pemba North; Pemba South; Pwani; Rukwa; Ruvuma; Shinyanga; Simiyu; Singida; Tabora; Tanga; Zanzibar North; Zanzibar South and Central; Zanzibar West

Physiographic regions:

Coastal plain; central plateau; lake region; highlands

Deserts:

Nyiri Desert; Sahara Desert
**Mountains:**
- Mount Kilimanjaro

**Rivers:**
- Nile River; Congo River; White Nile River; Zambezi River

**KEYWORD GUIDE**

**Mountains:**
- Mount Kilimanjaro

**Rivers:**
- Nile River; Congo River; White Nile River; Zambezi River

**NORTH AFRICA**

**Algeria**

**Provinces:**
- Adrar; Aïn Defla; Aïn Témouchent; Algiers; Annaba; Batna; Béchar; Béjaïa; Biskra; Blida; Bordj Bou Arréridj; Bouira; Boumerdès; Chief; Constantine; Djelfa; El Bayadh; El Oued; El Tarf; Ghardaïa; Guelma; Illizi; Jijel; Khenchela; Laghouat; M'Sila; Mascara; Médéa; Mila; Mostaganem; Naama; Ouargla; Relizane; Saida; Sétif; Sidi Bel Abbes; Skikda; Souk Ahras; Tamanghasset; Tébessa; Tiaret; Tindouf; Tipasa; Tissemsilt; Tizi Ouzou; Tiemcen

**Physiographic Regions:**
- Mediterranean Sea; Atlas Mountains; Hauts Plateaux

**Deserts:**
- Sahara Desert

**Mountains:**
- Ahaggar Mountains

**Rivers:**
- Dry oueds (wadis)

**Canary Islands (Provincia de Canarias, Spain)**

**Islands of Canary Islands:**
- El Hierro; Fuerteventura; Gran Canaria; La Gomera; La Graciosa; Lanzarote; La Palma

**Provinces:**
- Las Palmas; Santa Cruz de Tenerife

**Physiographic Regions:**
- Volcanic islands

**Chad**

**Regions:**
- Batha; Chari-Baguirmi; Hadjer-Lamis; Wadi Fira; Bahr el Gazel; Borkou; Ennedi-Est; Ennedi-Ouest; Guéra; Kanem; Lac; Logone Occidental; Logone Oriental; Mandoul; Mayo-Kebbi Est; Mayo-Kebbi Ouest; Moyen-Chari; Ouaddaï; Salamat; Sila; Tandijilé; Tibesti; N'Djamena

**Physiographic Regions:**
- Tibesti Mountains; Ennedi Plateau; Ouaddaï Highlands; Guéra Massif; Mandara Mountains

**Deserts:**
- Sahara Desert; Sahel region

**Mountains:**
- Tibesti Mountains

**Rivers:**
- Chari and the Logone Rivers and their tributaries
Egypt

Governorates (muhāfazāt):
Alexandria; Aswan; Asyut; Beheira; Beni Suef; Cairo; Dakahlia; Damietta; Faiyum; Gharbia; Giza; Ismailia; Kafr El Sheikh; Luxor; Matruh; Minya; Monufia; New Valley; North Sinai; Port Said; Qalyubia; Qena; Red Sea; Sharqia; Sohag; South Sinai; Suez

Physiographic Regions:
Nile Valley and Delta; Western Desert (aka Libyan Desert); Eastern Desert (aka Arabian Desert); Sinai Peninsula

Deserts:
Eastern Desert (aka Arabian Desert); Great Sand Sea; Western Desert (aka Libyan Desert)

Mountains:
Mount Catherine (Gabal Katrine); Red Sea Hills; Mount Sinai (Jabal Musa)

Rivers:
Nile River

Libya

Provinces and Districts:

Cyrenaica:
Butnan; Derna; Jabal al Akhdar; Marj; Benghazi; Al Wahat; Kufra

Fezzan:
Jufra; Wadi al Shatii; Sabha; Wadi al Hayaa; Ghat; Murzuq

Tripolitania:
Sirte; Misrata; Murqub; Tripoli; Jafara; Zawiya; Nuqat al Khams; Jabal al Gharbi; Nalut

Physiographic Regions:
Coastal plains; northern mountains; internal depressions; southern and western mountains

Deserts:
Libyan Desert; Sahara Desert; Great Sand Sea. Calansho Desert; Murzuq Desert; Rebiana Sand Sea

Mountains:
Acacus Mountains (aka Tadrart Acacus); Gabal El Uweinat; Nafusa Mountains; Tibesti Massif

Rivers:
Dry oueds (wadis)

Morocco

Regions:
Tanger-Tetouan-Al Hoceima; Oriental; Fès Meknès; Rabat-Salé-Kénitra; Béni Mellal-Kénifra; Cassablance-Settat; Marrakesh-Dafi; Drâa-Tafialet; Souss-Massa; Guelmim-Oued Noun; Laâyoune-Sakia El Hamra; Dakhla-Oued Ed-Dahab

Physiographic Regions:
Er Rif Highlands; Atlas Mountains; Taza Depression; Coastal Plains; Southern Plains and Valleys (merging with the Sahara Desert)
KEYWORD GUIDE

Deserts:
Sahara Desert

Mountains:
Atlas Mountains; Anti-Atlas Mountains

Rivers:
Draa; Oum Er-Rbia; Moulouya; Sebou; Dades; Ziz; Tensift; Bou Regreg; Sous; Loukkos

Republic of Sudan

Regions:
Northern; Khartoum; River Nile; Gezira; Red Sea; Sennar; White Nile; North Kordofan; Kassala; Qadarif; West Darfur; South Darfur; South Korofan; Blue Nile

Physiographic Regions:
Flat plains punctuated by several mountain ranges

Deserts:
Nubian Desert

Mountains:
Marrah Mountains; Nuba Hills; Red Sea Hills

Rivers:
Blue Nile; White Nile

Tunisia

SOUTHERN AFRICA

Angola
Zambia (formerly Northern Rhodesia)
Zimbabwe (formerly Rhodesia)

Provinces:
Bulawayo; Harare; Manicaland; Mashonaland Central; Mashonaland East; Mashonaland West; Masvingo; Matabeleland North; Matabeleland South; Midlands

Physiographic Regions:
High inland plateau (high veld); Zambezi valley; Limpopo valley

Mountains:
Eastern Highlands

Rivers:
Buzi; Limpopo; Pungwe; Save; Zambezi

SOUTHERN CENTRAL AFRICA

Botswana

Rural Districts:
Southern; South-East; Kweneng; Kgalagadi; Central; North-East; Ngamiland; Chobe; Ghanzi; Kgalagadi

Physiographic Regions:
Kalahari Desert; Hardveld; Okavango Delta

Deserts:
Kalahari Desert
KEYWORD GUIDE

Mountains:
Kgale Hill, Monalanong Hill; Otse Hill; Tsodilo Hills; Tswapong Hills

Rivers:
Zambezi; Limpopo; Okavango

Lesotho

Districts:
Berea; Butha-Buthe; Liribe; Mafeteng; Maseru; Mohale’s Hoek; Mokhotlong; Qacha’s Nek; Quthing; Thaba-Tseka

Physiographic Regions:
Lowlands; Highlands; Foothills

Mountains:
Maloti Mountains (part of the Drakensberg Range)

Rivers:
Orange River (Senqu River); Caledon River (Mohokare River); Little Caledon River; Ngeo River; Tele River; Makhaleng River; Senqunyane River; Mantsonyane River; Tsedike River; Malibamat'so River; Pelaneng River; Dinakeng River; Khubelu River; Mokhotlong River

Namibia (formerly Southwest Africa)

Regions:
Kuene; Omusati; Oshana; Ohangwena; Oshikoto; Kavango West; Kavango East; Zambezi; Erongo; Otjozondjupa; Omaheke; Khomas; Hardap; Ikaras

Physiographic Regions:
Namib Desert; Great Escarpment; South Africa; Central Plateau; Kalahari Basin; Kavango-Caprivi

Deserts:
Namib Desert; Kalahari Desert

Mountains:
Brukkaros; Naukluft Mountain Range; Spitzkoppe

Rivers:
Zambezi; Kwando (aka Linyanti, Chobe); Ekuma; Oshigambo; Oakavango

South Africa

Provinces:
Eastern Cape; Free State; Gauteng. KwaZulu-Natal; Limpopo; Mpumalanga; Northern Cape; North West; Western Cape

Physiographic Regions:
Coastal zone; Great Escarpment; Central Plateau

Deserts:
Kalahari Desert

Mountains:
Cederberg Mountains; Drakensberg Range; Magaliesberg Mountains; Table Mountain Range; Pilanesberg Range; Baviaanskloof Range

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September 26, 2020
Rivers:  
Limpopo; Orange; Vaal

Swaziland

WEST AFRICA

Benin
Burkina Faso (formerly Upper Volta)
Cape Verde
Gambia
Guinea
Guinea-Bissau
Ivory Coast
Liberia

Mali (formerly French Sudan)

Regions:
Kayes; Koulikoro; Bamako; Sikasso; Ségou; Mopti; Tombouctou; Gao; Kidal; Taoudénit; Ménaka

Physiographic Regions:
Southern cultivated Sudanese zone; central semi-desert Sahelian zone; northern Saharan zone

Deserts:
Sahara Desert

Mountains:
Adrar des Iforas (Iforas Massif); Mount Hombori; Manding Mountains; Mount Tenakourou

Provinces and Territories:
New Brunswick; Newfoundland and Labrador; Nova Scotia; Prince Edward Island; Ontario; Quebec; Alberta; Manitoba; Saskatchewan;

KEYWORD GUIDE

Mauritania

Niger

Regions:
Agadez; Diffa; Dosso; Maradi; Tahoua; Tillabéri; Zinder

Physiographic Regions:
Plains; north central plateau and highlands; western uplands; Niger dense trough; coastal lowlands and Niger Delta, north eastern highlands

Deserts:
Sahara Desert

Mountains:
Aïr Massif

Mountains:

Rivers:
Niger River

Rivers:
Niger River

Nigeria
Senegal
Sierra Leone
Togo
Western Sahara (formerly Spanish Sahara)

NORTH AMERICA

Canada

Compiled by Leigh Marymor, Research Associate, Museum of Northern Arizona.  
September 26, 2020
KEYWORD GUIDE

British Columbia; Northwest Territories; Nunavut; Yukon Territory

Regions:
- Atlantic Region; Central Canada;
- Prairie Provinces; West Coast;
- North

Physiographic Regions:
- Arctic Lands; Cordillera; Interior Plains; Hudson Bay
- Lowland; Canadian Shield Forest Lands; St Lawrence Lowlands;
- Appalachia

Greenland

Mexico

States / Federal District:
- Mexico City (Ciudad de Mexico or formerly, Mexico, D.F.);
- Aguascalientes; Baja California; Baja California Sur; Campeche; Chiapas;
- Chihuahua; Coahuila de Zaragoza; Colima; Durango; Guanajuato;
- Guerrero; Hidalgo; Jalisco; México; Michoacán; Morelos; Nayarit; Nuevo León; Oaxaca; Puebla; Querétaro;
- Quintana Roo; San Luis Potosí;
- Sinaloa; Sonora; Tabasco;
- Tamaulipas; Tlaxcala; Veracruz de Ignacio de la Llave; Yucatán;
- Zacatecas

Physiographic Regions:
- Baja California; Pacific Coastal Lowlands; Mexican Plateau; Sierra Madre Oriental; Sierra Madre Occidental; Cordillera Neo-Volcánica; Gulf Coastal Plain; Highlands; Yucatán Peninsula

Deserts:
- Chihuahuan Desert; Sonoran Desert; Vizcaino Desert

Mountains:
- Sierra Madre Occidental; Sierra Madre Oriental; Sierra Madre del Sur

Rivers:
- Rio Bravo, Colorado; Grijalva-Usumacinta; Lerma-Santiago; Balsas; Nazas; Papaloapan; Coatzacoalcos; Pánuco-Temesi-Moctezuma

United States of America

States:
- Alabama; Alaska; Arizona;
- Arkansas; California; Colorado;
- Connecticut; Delaware; Florida;
- Georgia; Hawaii; Idaho; Illinois;
- Indiana; Iowa; Kansas; Kentucky;
- Louisiana; Maine; Maryland;
- Massachusetts; Michigan;
- Minnesota; Mississippi; Missouri;
- Montana; Nebraska; Nevada; New Hampshire; New Jersey; New Mexico; New York; North; Carolina;
- North Dakota; Ohio; Oklahoma;
- Oregon; Pennsylvania; Rhode Island; South Carolina; South Dakota;
- Tennessee; Texas; Utah; Vermont;
- Virginia; Washington; West Virginia; Wisconsin; Wyoming

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Territories:
- American Samoa; Guam; Northern Mariana Islands; Puerto Rico; Virgin Islands

Regions:
- New England; Mideast; Southeast; Great Lakes; Plains; Southwest; Rocky Mountains; Far West.

Physiographic Regions:
- Coastal Plain; Appalachian Mountains; Canadian Shield; Interior Lowlands; Great Plains; Rocky Mountains; Basin and Range; Coastal Range

Deserts:
- Chihuahuan Desert; Great Basin Desert; Mojave Desert; Sonoran Desert

Mountains:
- Adirondacks; Alaska Range; Appalachian Mountains; Brooks Range; Cascade Range; Ozarks; Rocky Mountains; Sierra Nevada

Rivers:
- Mississippi; Missouri; Rio Grande; Hudson; Colorado; Colombia; Yukon

NORTH AMERICA - ANTILLES
- Antilles
- Cayman Islands
- Cuba
- Dominican Republic
- Haiti
- Jamaica
- Puerto Rico (United States)

NORTH AMERICA - Lesser ANTILLES
- Anguilla
- Antigua
- Barbuda
- Guadalupe (France)
- Martinique (France)
- Montserrat
- Nevis
- Saint Kitts
- Virgin Islands (United States)

NORTH AMERICA - CARIBBEAN
- Bahamas
- Grenada

NORTH AMERICA - CENTRAL AMERICA

SOUTH AMERICA
Argentina

Regions and Provinces:
- **Argentine Northwest:** Jujuy; Salta; Tucumán; Catamarca
- **Gran Chaco:** Formosa; Chaco; Santiago del Estero
- **Mesopotamia (or Littoral):** Misiones; Entre Ríos; Corrientes
- **Cuyo:** San Juan; La Rioja; Mendoza; San Luis
- **Pampas (Humid Pampa, Dry Pampa):** Córdoba; Santa Fe; La Pampa; Buenos Aires
- **Patagonia (Comahue):** Rio Negro; Neuquén; Chubut; Santa Cruz; Tierra del Fuego
- **Argentine Antarctica**

Physiographic Regions:
- The North; the Andes; the Pampas; Patagonia

Deserts:
- Patagonian Desert (aka Patagonian Steppe)

Mountains:
- Andes

Rivers:
- Paraná; Paraguay; Uruguay;
- Colorado; Negro; Dulce; Primero; Segundo; Deseado; Chico; Santa Cruz; Gallegos

Bolivia

Departments and Provinces:
- **Beni:** Antonio Vaca Díez; Cercado; General José Ballivián Segurola; Iténez; Mamoré; Marbán; Moxos; Yacuma
- **Chuquisaca:** Belisario Boeto; Hernando Siles; Jaime Zudáñez; Juana Azurduy de Padilla; Luis Calvo; Nor Cinti; Samuel Oropeza; Sud Cinti; Tomina; Yamparáez
- **Cochabamba:** Arani; Arque; Ayopaya; Bolívar; Campero; Capinota; Cercado; Chapare; Esteban Arze; Germán Jordán; José Carrasco; Miquel; Punata; Quillacollo; Tapacarí; Tiraque
- **La Paz:** Abel Iturralde; Aroma; Bautista Saavedra; Caranavi; Eliodoro Camacho; Franz Tamayo; General José Manuel Pando; Gualberto Villarroel; Ingavi; Inquisivi; José Ramón Loayza; Larecaja; Los Andes; Mano Kapac; Muñecas; Nor Yungas; Omasuyos; Pacajes; Pedro Domingo Murillo; Sud Yungas
- **Oruro:** Carangas; Cercado; Eduardo Abaroa; Ladislao Cabrera; Litoral de Atacama; Mejillones; Nor Carangas; Pantaléon Dalence; Poopó; Sabaya; Sajama; San Pedro de Totora; Saucarí; Sebastián Pagador; Sud Carangas; Tomás Barrón
- **Pando:**
KEYWORD GUIDE

Abuná; General Federico Román; Madre de Dios; Manuripi; Nicolás Suárez
Potosí:
Alonso de Ibañez; Antonio Quijarro; Bernardino Bilbao; Charcas;
Chayanta; Corelio Saavedra; Daniel Campos; Enrique Baldivieso; José María Linares; Modesto Omiste; Nor Chichas; Nor Lípez; Rafael Bustillo; Sud Lípez; Tomás Frías
Santa Cruz:
Andrés Ibáñez; Ángel Sandoval; Chiquitos; Cordillera; Florida;
Germán Busch; Ichilo; Manuel María Caballero; Ñuflo de Chávez; Obispo Santistevan; Sara; Vallegrande; Velsaso; Warnes
Tarija:
Aniceto Arce; Burdet O’Connor; Cercado; Eustaquio Méndez; Gran Chaco; José María Avilés

Physiographic Regions:
Andes; Altiplano; Yungas

Deserts:
Atacama Desert

Mountains:
Andes (Cordillera and Occidental)

Rivers:
Madeira; Mamore; Beni; Rio Itenénz; Pilcomayo; Bermejo; Madre de Rios; Yacuma

Brazil

States and Territories:
Acre; Alagoas; Amazonas; Amapá; Bahia; Ceará; Distrito Federal; Espírito Santo; Goiás; Maranhão; Minas Gerais; Mato Grosso do Sul; Mato Grosso; Pará; Paraíba; Pernambuco; Piauí; Paraná; Rio de Janeiro; Rio Grande do Norte; Rondônia; Roraima; Rio Grande do Sul; Santa Catarina; Sergipe; São Paulo; Tocantins

Regions:
North Region; North East Region; Central-West (Central Region); South East Region; South Region

Physiographic Regions:
Amazon lowlands; Brazilian Highlands; Coastal Lowlands; Guiana Highlands; Pantanal

Deserts:
White Desert

Mountains:
Serra do Espinhaço; Tumucumaque; Imeri; Pacaraima; Pico da Bandeira

Chile

Regions and Provinces:
Aisén del General Carlos Ibáñez del Campo:
Aysén; Capitán Prat; Coyhaique; General Carrera
Antofagasta:
Antofagasta; El Loa; Tocopilla;
La Araucanía:
Cautín; Malleco
Arica y Parinacota:
Arica; Parinacota
Atacama:
Chañaral; Copiapó; Huasco
Biobío:
Arauco; Bío Bío; Concepción; Ñuble
Coquimbo:
Choapa; Elqui; Limarí
Libertador General Bernardo
O'Higgins:
Cachapoal; Cardenal Caro; Colchagua
Los Lagos:
Chiloé; Llanquihue; Osorno; Palena
Los Ríos:
Ranco; Valdivia
Magallanes y Antártica Chilena:
Antártica Chilena; Magallanes; Tierra del Fuego; Última Esperanza
Maule:
Caquenes; Curicó; Linares; Talca
Ñuble
Región Metropolitana de Santiago:
Chacabuco; Cordillera; Maipo; Melipilla; Santiago; Talagante
Tarapacá:
Iquique; Tamarugal
Valparaíso:
Isla de Pascua [Easter Island; Rapa Nui]; Los Andes; Marga Marga; Petorca; Quillota; San Antonio; San Felipe de Aconcagua; Valparaíso
Deserts:
Atacama
Mountains:
Andes
Rivers:
Loa; Bío-Bío Maipo; Maule; Baker; Rapel; Copiapó; Itata; Valdivia; Bueno
Columbia
Departments, Provinces, Regions, Sub regions
Antioquia:
Baja Cauca; Nordeste; Norte; Occidente; Suroeste; Urabá; Vallle de Aburrá
Bolivar:
Depresión Momposina; Dique; Loba; Magdalena Medio; Mojana; Mones de María
Boyacá:
Centro; Cubará (Distrito Fronterizo); Gutiérrez; La Libertad; Lengupá; Márquez; Neira; Norte; Occidente; Oriente; Ricaurte; Sugamuxi; Tundama; Valderrama; Puerto Boyacá (Zona de Manejo Especial)
Caldas:
Bajo Occidente; Magdalena Caldense; Norte; Centrosur; Alto Oriente; Alto Occidente
Cauca:
Centro; Norte; Occidente; Oriente; Sur
Cundinamarca:
Alameidas; Magdalena Centro; Sabana Centro; Oriente; Gualivá; Guavio; Bajo Magdalena; Medina;
KEYWORD GUIDE

Rionegro; Soacha; Sumapaz; Tequendama; Ubaté; Alto Magdalena; Sabana Occidente

Huila:
Subcentro; Subnorte; Suboccidente; Subsur

La Guajira:
Norte Provincia; (Sur) Padilla Provincia

Meta:
Ariari; Capital; Piedmonte; Río Meta

Nariño:
Juanambú (La Unión); Obando (Ipiales); Pasto: Tumaco-Barbacoas; Túquerres

Norte de Santander:
Centro; Norte; Occidente; Oriente; Sur-occidente; Sur-oriente

Santander:
Comunera; García-Rovira; Guanentá; Mares; Soto; Vélez

Sucre:
La Mojana; Montes de María; Morrosquillo; Sabanas; San Jorge

Tolima:
Ibagué; Nevados; Norte; Oriente; Sur; Suroriente

Valle del Cauca:
Centro; Norte; Occidente; Oriente; Sur

Physiographic Regions:
Andean Ranges; Caribbean lowlands coastal region; Orinoquía region

Deserts:
Tatacoa Desert; La Guajira Desert

Mountains:
Sierra Nevada de Santa Marta

Rivers:
Río Magdalena

Ecuador
French Guiana (France)
Guyana
Paraguay

Peru

Regions (formerly Departamentos) and Provinces:

Amazonas:
Chachapoyas; Bagua; Bongará; Condorcanqui; Luya; Rodríguez de Mendoza; Utcubamba

Áncash:
Huaraz; Aiia; Antonio Arimondi; Asunción; Bolognesi; Carhuaz; Carlos Fermín Fitzcarraldo; Casma; Corongo; Huari; Huarmey; Huaylas; Mariscal Luzuriaga; Ocros; Pallascas; Pomabamba; Recuay; Santa; Sihuas; Municipalities: Yungay

Apurímac:
Abancay; Andahuaylas; Antabamba; Ayamaras; Cotabambas; Chincheros; Grau

Arequipa:
Arequipa; Camaná; Caravelí; Castilla; Condesuyos; Islay; La Unión

Ayacucho:
Huamanga; Cangallo; Huancva Sancos; Huanta; La Mar; Lucanas; Parinacochas; Páucar del Sara Sara; Sucre; Víctor Fajardo; Vilcas Huamán

Cajamarca:
Cajamarca; Cajabamba; Celendín; Chota; Conturmacá; Cutervo; Hualgayoc; Jaén; San Ignacio; San
### KEYWORD GUIDE

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<td><strong>Junín:</strong></td>
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<td><strong>Lima:</strong></td>
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<td><strong>Loreto:</strong></td>
<td>Maynas; Alto Amazonas; Loreto; Mariscal Ramón Castilla; Requena; Ucayali; Dátem del Marañón</td>
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<td><strong>Madre de Dios:</strong></td>
<td>Tambopata; Manu; Tahuamanu</td>
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<td><strong>Moquegua:</strong></td>
<td>Mariscal Nieto; General Sánchez Cerro; Ilo</td>
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<td><strong>Pasco:</strong></td>
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<td><strong>Piura:</strong></td>
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<td><strong>Puno:</strong></td>
<td>Puno; Azángaro; Carabay; Chucuito; Huancané; Lampa; Melgar; Moho; San Antonio de Putina; San Román; Sandia; Yunguyo</td>
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<td><strong>San Martín:</strong></td>
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<td><strong>Tacna:</strong></td>
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</tbody>
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### PHYSIOGRAPHIC REGIONS:
- **Amazonia**
- **Andes**
- **Coastal**

### DESERTS:
- **Atacama**
- **Sechura**

### MOUNTAINS:
- **Andes**
KEYWORD GUIDE

Suriname
Uruguay

Venezuela

States:
Amazonas; Anzoátegui; Apure; Aragua; Barinas; Bolívar; Carabobo; Cojedes; Delta Amacuro; Falcón; Guárico; Lara; Mérida; Miranda; Monagas; Nueva Esparta; Portuguesa; Sucre; Táchira; Trujillo; Vargas; Yaracuy; Zulia

Dependencias Federales -
Islas Los Monjes; Isla La Tortuga; Islas Los Frailes; Islas La Sola; Islas Los Testigos; Islas Las Aves; Islas Los Roques; Isla La Orchila; Isla Blanquilla; Islas Los Hermanos; Isla de Patos; Aves; Isla Caribe y Los Lobos

Physiographic Regions:
Maracaibo lowlands; northern mountains; Orinoco plains (llanos); Guiana highlands

Deserts:
Guajira Desert

Mountains:
Coastal Range Mountains; Cordillera de Mérida

Rivers:
Orinoco River

CENTRAL ASIA

Kazakhstan

Regions:
Atyrau Region; Baikonur; East Kazakhstan Region; Jambyl Region; Karaganda Region; Kostanay Region; Kyzylorda Region; Mangystau Region; North Kazakhstan Region; Nur-Sultan; Pavlodar Region; Shymkent; Turkistan Region (formerly South Kazakhstan); West Kazakhstan Region

Physiographic Regions:
Steppe; plains; semi-desert; desert

Deserts:
Kazakh Desert; Qyzylqum Desert; Aral Karakum Desert

Mountains:
Altai mountains; Ural mountains

Rivers:
Yesil (Ishim); Irtysh; Koluton, Zhabay; Akkanburluk; Terisakkan

Kyrgyzstan
Tajikistan
Turkmenistan
Uzbekistan

EAST ASIA

China

Municipalities:
Beijing; Chongqing; Shanghai; Tianjin

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September 26, 2020
**Provinces:**
- Anhui; Fujian; Gansu; Guangdong; Guizhou; Hainan; Hebei; Heilongjiang; Henan; Hubei; Hunan; Jiangsu; Jiangxi; Jilin; Liaoning; Qinghai; Shaanxi; Shandong; Shanxi; Sichuan; Yunnan; Zhejiang
- Gansu; Guangdong; Guizhou; Hainan; Hebei; Heilongjiang; Henan; Hubei; Hunan; Jiangsu; Jiangxi; Jilin; Liaoning; Qinghai; Shaanxi; Shandong; Shanxi; Sichuan; Yunnan; Zhejiang

**Autonomous Regions:**
- Guangxi: Inner Mongolia; Ningxia; Tibet; Xinjiang

**Special Administrative Regions:**
- Hong Kong; Macao (Macau)

**Physiographic regions:**
- Eastern China (subdivided into the northeast plain, north plain, and southern hills); Xinjiang-Mongolia; Tibetan highlands

**Deserts:**
- Badain Jaran Desert; Dzungaria; Gobi Desert; Gurbantünggüt Desert; Hami Desert; Kubuqi Desert; Kumtag Desert; Lop Desert; Mu Us Desert; Ordos Desert; Shapotou District; Taklamakan Desert; Tengger Desert

**Mountains:**
- Altai Mountains; Amne Machin; Awa mountain; Bayan Har Mountains; Changbai Mountains; Dabā Mountains; Dabie Mountains; Great Himalayas; Greater Khingan; Himalayas; Huangshan; Jinping Mountains; Jundu Mountains; Kuaiji Mountains; Kunlun Mountains; Mazong Mountain; Middle Yandang Mountains; Nanling Mountains; Pamir Mountains; Qian Mountains; Qilian Mountains; Qinling; Shaluli

**Rivers:**
- Yangtze River; Yellow River; Heilongjiang River; Yarlung Zangbo River; Huaihe River

**Provinces:**
- Arkhangai; Bayankhongor; Bayan-Ulgii (Bayan-Ölgii); Bulgan; Darkhan-Uul; Dornod; Dornogovi; Dundgovi; Govi-Altai; Govisümber; Khoten; Khovd; Khuvsgul (Khövsgöl); Orkhon; Selenge; Sükhbaatar; Tuv (Töv); Umnugovi (Ömnögovı); Uvs; Uvurkhangai (Övörkhanghai); Zavkhan; Ulaanbaatar

**Physiographic regions:**
- Mongolia Plateau (steppes); the highlands; Gobi desert

**Deserts:**
- Gobi Desert
Mountains:
Mongolian Altai, Khangain (or Hangayn) Nuruu; Khentil (or Hentiyn) Nuruu

Rivers:
Orkhon River; Kherlen River; Tuul River; Zavkhan River; Selenge River; Hovd River; Eg River; Ider River; Delgermörön

North Korea
South Korea
Taiwan

NORTH ASIA

Russia
Straddles Eastern Europe and North Asia; Eurasia.

Regions:
Central European Region; North and Northwest European Region; Volga Region; North Caucasus; Ural Region; Western Siberia; Eastern Siberia; Northern and Northwestern Siberia; Russian Far East

Republics:
Adygea; Altai; Bashkortostan; Buryatia; Chechnya; Chuvashia; Crimea; Dagestan; Ingushetia; Kabardino-Balkaria; Kalmykia; Karachay-Cherkessia; Karelia; Khakassia; Komi; Mari El; Mordovia; North Ossetia–Alania; Yakutia; Sakha; Tatarstan; Tuva; Udmurtia

Physiographic regions:
East European Plain; West Siberian Plain; North Siberian Lowland; Central Yakutian Lowland; East Siberian Lowland; Central Siberian Plateau; Lena Plateau; East Siberian Mountains; South Siberian Mountains

Deserts:
Chara Sands

Mountains:
Caucasus; Ural; Altai; Sayan; Yablonoi; Stanovoy; Kamchatka; Kolyma; Chersky; Verkhoyansk

Rivers:
Pechora; Volga; Don; Kam; Oka; Northern Dvina; Dniepr; Western Dvina; Lena; Ob’; Yenisei; Amur

Siberia (see Russia)

SOUTH ASIA

Afghanistan
Bhutan,
Bangladesh

India

States:
Andhra Pradesh; Arunachal Pradesh; Assam; Bihar; Chhattisgarh; Goa; Gujarat; Haryana; Himachal Pradesh; Jharkhand; Karnataka; Kerala; Madhya Pradesh; Maharashtra; Manipur; Meghalay; Mizoram; Nagaland; Odisha; Punjab;
Rajasthan; Sikkim; Tamil Nadu; Telangana; Tripura; Uttar Pradesh; Uttarakhand; West Bengal

**Union Territories:**
Andaman and Nicobar Islands; Chandigarh; Dadra and Nagar Haveli and Daman and Diu; Delhi; Jammu and Kashmir; Ladakh; Lakshadweep; Puducherry

**Physiographic regions:**
Northern and North-eastern Mountain; Northern Plain; Peninsular Plateau; Indian Desert; Coastal Plains; and Islands.

**Deserts:**
Thar Desert (aka Great Indian Desert); Jaisalmer Desert; Kutch Desert; Bikaner Desert; Barmer Desert.

**Mountains:**
Himalaya Range; Karakoram and Pir Panjloba Range; Purvanchal Range; Satpura and Vindhaya Range; Aravalli Range; Western Ghats; Eastern Ghats

**Rivers:**
Indus; Ganges; Brahmaputra; Ganga; Yamuna; Narmada; Saraswathi; Godavari; Krishna; Kaveri; Bhima; Tapati; Tungabhadra; Sindhu; Pranhita; Tapi, Mahanadi

Pakistan

**Provinces:**
Balochistan; Khyber Pakhtunkhwa; Punjab; Sindh.

**Autonomous Territories:**
Azad Jammu and Kashmir, Gilgit-Baltistan

**Physiographic regions:**
Plateau of W Pakistan, the plains of the Indus and Punjab rivers, the hills of NW Pakistan, and the mountains of N Pakistan

**Deserts:**
Thar desert; Kharan desert; Katpana desert; Thal desert; Cholistan desert

**Mountains:**
Himalaya Range; Hindu Kush Range; Karakoram range

**Rivers:**
Panjnad River; Jhelum; Chenab; Ravi; Beas; Sutlej.

Sri Lanka

**SOUTHEAST ASIA**

Brunei
Burma (Myanmar)
Cambodia

**Indonesia**

The world’s largest archipelago, it is also partially located in Oceania.
Islands, major

Provinces:
Aceh; Bali; Bangka Belitung Islands; Banten; Bengkulu; Central Java; Central Kalimantan; Central Sulawesi; East Java; East Kalimantan; East Nusa Tenggara; Gorontalo; Special Capital Region of Jakarta; Jambi; Lampung; Maluku; North Kalimantan; North Maluku; North Sulawesi; North Sumatra; Papua; Riau; Riau Islands; Southeast Sulawesi; South Kalimantan; South Sulawesi; South Sumatra; West Java; West Kalimantan; West Nusa Tenggara; West Papua; West Sulawesi; West Sumatra; Special Region of Yogyakarta

Mountains:
Numerous mountains; 400 volcanos, 100 of which are active.

Rivers:
Dominated by tropical rainforest, there are numerous river systems throughout the islands.

Deserts:
None

Laos
Malaysia
Philippines
Singapore
Timor-Leste
Thailand
Vietnam
West Papua (Papua Barat)

WEST ASIA
Azerbaijan (Europe)
Armenia (Eurasia)
Turkey (Europe)

WEST ASIA – ARABIAN PENINSULA
Bahrain
Kuwait
Oman
Qatar
Saudi Arabia

Emirates:
Riyadh Province; Makkah Province; Eastern Province; Madinah Province; Al Baha Province; Al Jawf Province,
KEYWORD GUIDE

the Emirate of the Northern Borders Province; Qassim Province; Ha'il Province; Tabuk Province; 'Aseer Province; Jazan Province; Najran Province

**Physiographic Regions:**

Mountainous western highlands; rocky central plateau; eastern low-lying coastal plain; sandy desert areas of the north, east, and south

**Deserts:**

Nafud Desert; Rub-al-Khali Desert

**Rivers:**

Dry oueds (wadis)

United Arab Emirates
Yemen

**WEST ASIA – MIDDLE EAST**

Lebanon
Israel

**Districts:**

Jerusalem District; Northern District; Haifa District; Central District; Tel Aviv District; Southern District; Judea and Samaria Area

**Occupied Territories:**

Golan Heights; East Jerusalem; West Bank

**Physiographic Regions:**

Mediterranean coastal plain; Central Hills; Jordan Rift Valley; Negev Desert

**Deserts:**

Judaean Desert; Negev Desert; Zin Desert

**Mountains:**

Mount Carmel; Har Karkom (Mount Sinai); Mount Hermon; Mount Meron

**Rivers:**

Jordan River

Iraq
Iran

**Provinces:**

Alborz; Ardabil; Azerbaijan East; Azerbaijan West; Bushehr; Chahar Mahaal and Bakhtiari; Fars; Gilan; Golestan; Hamadan; Hormozgān; Ilam; Isfahan; Kerman; Kermanshah; Khorasan North; Khorasan Razavi; Khorasan South; Khuzestan; Kohgiluyeh and Boyer-Ahmad; Kurdistan; Lorestan; Markazi; Mazandaran; Qazvin; Qom; Semnan; Sistan and Baluchestan; Tehran; Yazd; Zanjan

** Physiographic Regions:**

Dasht-e Kavir (Great Salt desert); Lut Desert (Sand and Stone Desert)
KEYWORD GUIDE

Mountains:
Zagros Mountains; Elburz Mountains; Kopet-Dag (Koppeh Dāgh) Range; Bashagard Range

Rivers:
Karun River; Karkheh River; Sefid Rud River

Jordan

Provinces (muhafazah):
Ajlun; Amman; Aqaba; Balqa; Irbid; Jarash; Karak; Ma’an; Madaba; Mafraq; Tafilah; Zarqa

Physiographic Regions:
Desert, the uplands east of the Jordan River; the Jordan Valley

Deserts:
Arabian Desert; Black Desert; Syrian

Rivers:
Jordan River

Palestine (see Israel)
Syria

CENTRAL EUROPE

Austria
Croatia
Czech Republic
Germany
Hungary
Poland
Slovakia
Slovenia

Switzerland

Regions and Cantons:
Eastern Switzerland: St. Gallen; Thurgau; Appenzell Innerrhoden; Appenzell Ausserrhoden; Glarus; Schaffhausen; Graubünden. Zürich: Zürich. Central Switzerland: Uri; Schwyz; Obwalden; Nidwalden; Lucerne; Zug. Northwestern Switzerland: Basel-Stadt; Basel-Landschaft; Aargau. Espace Mittelland: Bern; Solothurn; Fribourg; Neuchatel; Jura. Région lémanique: Geneva; Vaud; Valais. Ticino: Ticino.

Physiographic Regions:
Swiss Alps; Central Plateau; Jura

Mountains:
Swiss Alps; Jura Mountains

Rivers:
Rhone; Aare (or Aar); Rhône; Reuss; Linth and Limmat; Saane/La Sarine

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KEYWORD GUIDE

EASTERN EUROPE

Estonia
Latvia
Lithuania
Moldova
Romania
Russia (see North Asia)
Ukraine

NORTHERN EUROPE - Greenland (see North America); Iceland

NORTHERN EUROPE - Fennoscandia (aka Fenno-Scandinavia)

Denmark

Regions and Provinces:
Capital Region: Copenhagen City; Copenhagen surroundings; North Zealand; Bornholm. Zealand: East Zealand; West and South Zealand. Southern: Fyn; South Jutland. Central: West Jutland; East Jutland. Northern: North Jutland.

Physiographic Regions:
Jutland Peninsula; Danish Archipelago

Rivers:
Gudenå; Kongeåen; Odense River; Pøleå; Varde; Vidå; Skjern Å; Suså; Esrum Å; Køge Å; Usserød Å; Vejle River

Finland

Regions:
Lapland; North Ostrobothnia; Kainuu; North Karelia; Northern Savonia; Southern Savonia; South Karelia; Central Finland; South Ostrobothnia; Ostrobothnia; Central Ostrobothnia; Pirkanmaa; Satakunta Päijänne Tavastia; Tavastia Proper; Kymenlaakso; Uusimaa; Southwest Finland; Åland Islands

Physiographic Regions:
Archipelagoes and coastal lowlands; central lake plateau; uplands to the north and northeast

Karelia (see Russia)
Kola Peninsula (see Russia)

Norway

Regions and Counties:

Physiographic Regions:
Mountains; fjords (coastline); islands

Mountains:
Scandinavian Mountains (Scandes)

Rivers:
Glomma (or Glåma) River
KEYWORD GUIDE

Sweden

Regions:
Norrland; Svealand; Götaland

Provinces:
Ångermanland; Blekinge; Bohuslän; Dalarna; Dalsland; Gotland; Gästrikland; Halland; Hälsingland; Härjedalen; Jämtland; Lappland; Medelpad; Norrbotten; Närke; Öland; Östergötland; Skåne; Småland; Södermanland; Uppland; Värmland; Västmanland; Västerbotten

Physiographic Regions:
Lowlands; mountains

Mountains:
Scandinavian Mountains (Scandes)

SOUTHERN EUROPE

Crete
Corsica (France)
Cyprus
Gibraltar (Britain)
Greece

Italy

Regions:
Abruzzo; Basilicata; Calabria; Campania; Emilia-Romagna; Friuli-Venezia Giulia; Latium (Lazio); Liguria; Lombardia; Marche; Molise; Piemonte; Puglia (Apulia)

Sardegna (Sardinia); Sicialia (Sicily); Toscana (Tuscany); Trentino-Alto Adige (Trentino-South Tyrol); Umbria; Valle d’Aosta (Aosta Valley); Veneto

Physiographic Regions:
Mountains; volcanoes; valleys; sub-alpine lakes, islands (Aeolians; Pontines; Capri; Montecristo; Gorgona; Elba, Sardinia; Sicily)

Mountains:
Alps; Apennines

Rivers:
Po; Arno; Tiber

Malta
Monaco

SOUTHEASTERN EUROPE

Balkans
Bosnia
Bulgaria
Croatia
Herzegovina
Kosovo
Macedonia
Montenegro
Serbia

SOUTHWESTERN EUROPE

Spain
Autonomous Communities:
Andalusia; Aragon; Asturias; Balearic Islands; Basque Country; Canary Islands, Cantabria; Castile and León; Castile–La Mancha; Catalonia; Community of Madrid, Extremadura; Galicia; La Rioja; Navarra; Murcia; Valencian Community. Autonomous cities: Ceuta; Melilla.

Provinces:
La Coruña (Spanish), A Coruña (Galician); Álava (Spanish), Araba (Basque); Albacete; Alicante (Spanish), Alacant (Valencian); Almería; Asturias; Ávila; Badajoz; Balearic Islands (English), Illes Balears (Catalan), Islas Baleares (Spanish); Barcelona; Biscay (English), Vizcaya (Spanish), Bizkaia (Basque); Burgos; Cáceres; Cádiz; Cantabria; Castellón (Spanish), Castelló (Valencian); Ciudad Real; Córdoba; Cuenca; Guipúzcoa (Spanish), Gipuzkoa (Basque); Girona (Catalan), Gerona (Spanish); Granada; Guadalajara; Huelva; Huesca; Jaén; La Rioja; Las Palmas; León; Lleida (Catalan), Lérida (Spanish); Lugo; Madrid; Málaga; Murcia; Navarre, Nafarroa (Basque), Navarra (Spanish); Ourense (Galician), Orense (Spanish); Palencia; Pontevedra; Salamanca; Santa Cruz de Tenerife; Segovia; Seville, Sevilla (Spanish); Soria; Tarragona; Teruel; Toledo; Valencia, València (Valencian); Valladolid; Zamora; Zaragoza; Saragossa (English)

Physiographic Regions:
Meseta Central; Cantabrian Mountains (Cordillera Cantabrica) and the northwest region; Ibérico region; Pyrenees, Penibético region; Andalusian Plain; Ebro Basin; coastal plains; Balearic Islands; Canary Islands

Deserts:
Tabernas Desert; Monegros Desert Bardenas Reales; Cabo de Gata-Níjar Natural Park

Mountains:
Pyrenees; Sierra Nevada; Cordillera Cantabria; Sistema Iberico; Cordillera Betica; Sierra de Cuenca; Montes de Toledo

Rivers:
River Tajo; River Ebro; River Duero; River Guadiana; Guadalquivir; River Júcar; River Genil; River Segura; River Miño; River Turia

Portugal

Regions:
Northern Portugal; Central Portugal; Lisbon; Alentejo Region; Algarve; Madeira Island; Azores islands

Districts:
Aveiro; Beja; Braga; Bragança; Branco; Castelo; Coimbra; Évora; Faro; Guarda; Leiria; Lisbon; Portalegre; Porto; Santarém; Setúbal; Viana do Castelo; Vila Real; Viseu

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Rivers:
Côa; Douro; Guadiana; Minho; Mira; Mondego; Sado; Tâmega; Rio Tejo (Tagus River); Vouga; Zêzere

WESTERN EUROPE

Belgium

France

Regions:
Northern France: Normandy; Hauts de France; Ile de France. Southern France: Provence-Alpes-Côte d’Azur; Occitanie; Corsica Island. Central France: Centre-Val de Loire. Eastern France: Grand Est; Auvergne-Rhône Alpes; Bourgogne-Franche Comté. Western France: Bretagne; Pays de la Loire; Nouvelle Aquitaine

French Overseas Territories:
Martinique; Guadeloupe; Guyanne; Réunion Island; Mayotte

Mountains:
French Alps; Pyrenees; Midi-Pyrenees

Departments:
Ain; Aisne; Allier; Alpes-de-Haute-Provence; Hautes-Alpes; Alpes-Maritimes; Ardèche; Ardennes; Ariège; Aube; Aude; Aveyron; Bouches-du-Rhône; Calvados; Cantal; Charente; Charente-Maritime; Cher; Corrèze; Corse-du-Sud; Haute-Corse; Côte-d’Or; Côtes-d’Armor; Creuse; Dordogne; Doubs; Drôme; Eure; Eure-et-Loir; Finistère; Gard; Haute-Garonne; Gers; Gironde; Hérault; Ille-et-Vilaine; Indre; Indre-et-Loire; Isère; Jura; Landes; Loir-et-Cher; Loire; Haute-Loire; Loire-Atlantique; Loiret; Lot; Lot-et-Garonne; Lozère; Maine-et-Loire; Manche; Marne; Haute-Marne; Mayenne; Meurthe-et-Moselle; Meuse; Morbihan; Moselle; Nièvre; Nord; Oise; Orne; Pas-de-Calais; Puy-de-Dôme; Pyrénées-Atlantiques; Hautes-Pyrénées; Pyrénées-Orientales; Bas-Rhin; Haut-Rhin; Rhône; Lyon Metropolis; Haute-Saône; Saône-et-Loire; Sarthe; Savoie; Haute-Savoie; Paris; Seine-Maritime; Seine-et-Marne; Yvelines; Deux-Sèvres; Somme; Tarn; Tarn-et-Garonne; Var; Vaucluse; Vendée; Vienne; Haute-Vienne; Vosges; Yonne; Territoire de Belfort; Essonne; Hauts-de-Seine; Seine-Saint-Denis; Val-de-Marne; Val-d’Oise; Guadeloupe; Martinique; Guyane; La Réunion; Mayotte

Rivers:
Loire; Garonne; Lot; Rhine; Rhone; Seine

Luxemburg

Netherlands (Holland)

WESTERN EUROPE - BRITISH ISLES

Britain (Great Britain)
KEYWORD GUIDE

England

Regions:
South East; London; North West;
East of England; West Midlands;
South West; Yorkshire and the
Humber; East Midlands; North East

Non-metropolitan counties:
Cambridgeshire; Cumbria;
Derbyshire; Devon; East Sussex;
Essex; Gloucestershire; Hampshire;
Hertfordshire; Kent; Lancashire;
Leicestershire; Lincolnshire; Norfolk;
Northamptonshire; North Yorkshire;
Nottinghamshire; Oxfordshire;
Somerset; Staffordshire; Suffolk;
Surrey; Warwickshire; West Sussex;
Worcestershire

Physiographic regions:
Lowlands, uplands

Mountains and hills:
Lake District; Cheviot Hills; Pennines;
Howgill Fells; Orton Fells; North York
Moors

Rivers:
Severn; Thames; Trent; Great Ouse

Hebrides

Ireland (Northern Ireland, Great Britain;
Republic of Ireland)

Traditional Counties:
Antrim; Armagh; Carlow; Cavan;
Clare; Cork; Donegal; Down; Dublin
(Dún Laoghaire–Rathdown, Fingal,

Physiographic regions:
Central plains; coastal mountains

Mountains:
Ballyhoura Mountains; Boggeragh
Mountains; Caha Mountains;
Comeragh Mountains;
Derrynasaggart Mountains; Gaalty
Mountains; Knockmealdown
Mountains; MacGillycuddy's Reeks;
Mangerton Mountains; Shehy
Mountains; Silvermine Mountains;
Slieve Mish Mountains; Slieve
Miskish Mountains; Slieveardagh
Hills; Blackstairs Mountains; Cooley
Mountains; Slieve Bloom Mountains;
Wicklow Mountains; Bluestack
Mountains; Derryveagh Mountains;
Mourne Mountains; Curlew
Mountains; Dartry Mountains;
Maumturks; Nephin Beg Range; Ox
Mountains; Partry Mountains;
Sheeffry Range; Twelve Bens

Rivers:
Shannon; River Liffey; River Lee,
River Swilly; River Foyle; River
Lagan; River Erne; River Blackwater;
River Nore; River Suir; River Barrow
(The Three Sisters; River Bann; River
Slaney; River Boyne; River Moy;
River Corrib

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KEYWORD GUIDE

Isle of Man

Scotland

Council Areas:
City of Glasgow; City of Edinburgh; Fife; North Lanarkshire; South Lanarkshire; Aberdeenshire; Highland; Aberdeen City; West Lothian; Renfrewshire; Falkirk; Perth and Kinross; Dumfries and Galloway; Dundee City; North Ayrshire; East Ayrshire; Angus; Scottish Borders; South Ayrshire; East Dunbartonshire; East Lothian; Moray; East Renfrewshire; Stirling; Midlothian; West Dunbartonshire; Argyll and Bute; Inverclyde; Clackmannanshire; Na h-Eileanan Siar (Western Isles); Shetland Islands; Orkney Islands

Physiographic regions:
Lowlands; moorlands; highlands

Mountains:
The Highlands & Islands; The Hills of the Central Lowlands; the Southern Uplands.

Rivers:
River Tay; River Spey; River Clyde; River Tweed; River Dee; River Don; River Nith; River Forth

Districts:
Aberconwy; Alyn and Deeside; Anglesey - Ynys Môn; Arfon; Blaenau Gwent; Brecknock; Cardiff; Carmarthen; Ceredigion; Colwyn; Cynon Valley; Delyn; Dinefwr; Dwyfor; Glyndŵr; Islwyn; Llanelli; Lliw Valley; Meirionnydd; Merthyr Tydfil; Monmouth; Montgomery (renamed Montgomeryshire); Neath; Newport; Ogwr; Afan (renamed Port Talbot); Preseli (renamed Preseli Pembrokeshire); Radnor (renamed Radnorshire); Rhondda; Rhuddlan; Rhymney Valley; South Pembrokeshire; Swansea; Taff-Ely; Torfaen; Vale of Glamorgan; Wrexham Maelor

Physiographic regions:
Coastal plains; valleys; hills; mountains

Mountains:
Cambrian Mountains

Rivers:
Severn; Wye; Teme; Dee

OCEANIA – AUSTRALASIA

Australia
KEYWORD GUIDE

States:
New South Wales;
Queensland; South Australia;
Tasmania; Victoria; Western Australia

Internal Territories:
Australian Capital Territory; Jervis Bay Territory; Northern Territory

External Territories:
Ashmore and Cartier Islands;
Australian Antarctic Territory;
Christmas Island; Cocos (Keeling) Islands; Coral Sea Islands; Heard and McDonald Islands; Norfolk Island

Physiographic Divisions:
Western Plateau; Interior Lowlands;
Eastern Uplands

Physiographic Regions:
Eastern Highlands (including the Great Dividing Range, the Brigalow Belt strip of grassland behind the east coast, and the Eastern Uplands); Eastern alluvial Plains and Lowlands (Murray Darling basin, also includes parts of the Lake Eyre Basin); South Australian Highlands (including the Flinders Range, Eyre Peninsula, Yorke Peninsula);
Western Plateau (including the Nullarbor Plain); Central Deserts;
Northern Plateau and Basins (including the Top End)

Deserts:
Great Victoria Desert; Great Sandy Desert; Tanami Desert; Simpson Desert; Gibson Desert; Little Sandy Desert; Strzelecki Desert; Sturt Stony Desert; Tirari Desert; Pedirka Desert

Mountains:
Australian Alps; Blue Mountains Flinders Ranges; Grampians; Great Dividing Range; Mount Lofty Ranges; Snowy Mountains

Rivers:
Alligator River; Cadell River;
Drysdale River; Flinders River;
Fotescue River; Glenelg River; Gibb River; Hann River; Hawkesbury River; Keep River; Little Laura River;
MacDonald River; Mann River;
Marne River; Maxwell River;
McArthur River; Normanby River;
Patrick (aka Paddy’s) River Shoalhaven River; South Para River;
Upper Weld River; Upper Yule River; Victoria River;

Rock Art Regions, Examples of:
Arnhem Land; Black Range Scenic Reserve; Carnarvon Gorge; Chillagoe – Mungana Limestone Belt; Dampier Archipelago (Burrup Peninsula, Murujuga); Cape York Peninsula; Cobar Pediplain; Flinders Range; Grampians; Kakadu National Park; Keep River; Kimberley; Mann River; Pilbara; Port Hedland; Sydney region; Torres Strait; Victoria River; Wellington Range; Western Desert; Wollemi National Park

Chatham Island

New Zealand

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**Regions:**
- Northland (Te Tai Tokerau);
- Auckland (Tāmaki-makau-rau);
- Waikato; Bay of Plenty (Te Moana-a-Toi); Gisborne (Te Tai Rāwhiti);
- Hawke’s Bay (Te Matau-a-Māui);
- Taranaki; Manawatū-Whanganui;
- Wellington (Te Whanga-nui-a-Tara);
- Tasman (Te Tai-o-Aorere); Nelson (Whakatū); Marlborough (Te Tauihu-o-te-waka); West Coast (Te Tai Poutini); Canterbury; Waitaha; Otago; Ōtākou; Southland (Murihiku)

**Deserts:**
- Rangipo Desert

**Mountains:**
- Mountain ranges of Otago; Southern Alps; Tararua Range; mountain ranges of Waikato

**Rivers:**
- Waikato North; Clutha / Matau; Whanganui; Taieri; Rangitikei; Mataura; Waiau (Southland); Clarence; Buller / Kawatiti; Waihou; Mohaka; Waiau (Canterbury); Wairau; Whangaehu; Waimakariri; Mokau

**Oceania – Polynesia**
- Cook Is.
- Hawaii (United States)
- Marquesas Islands
- Niue
- Rapa Nui - Easter Island (Chile)

**Region:**
- Valparaíso

**Province:**
- Isla de Pascua

**Physiographic regions:**
- Volcanoes (Terevaka, Poike, Rano Kau); hawaiite and basalt flows

**Samoa**
- Tokelau
- Tonga
- Tuvalu

**Oceania – Micronesia**
- Federated States of Micronesia
- Guam (United States)
- Kiribati
- Marshall Islands
- Nauru
- Northern Mariana Is.
- Palau

**Oceania – Melanesia**
- Fiji
- Papua New Guinea
- Solomon Is.
- Vanuatu (formerly New Hebrides)