

## BIBLIOGRAPHY

- Acevedo R., Jorge; Aguayo-Lobo, A. and Sielfeld, W.  
2003 Eventos reproductivos del león marino común, *Otaria flavescens* (Shaw, 1800), en el norte de Chile (Pacífico Suroriental). *Revista de Biología Marina y Oceanografía* 38: 69-75.
- Alvarez-Fernandez, E.; Chauvin, A.; Cubas, M., Arias, P. and Ontanon, R.  
2011 Mollusc Shell Sizes in Archaeological Contexts in Northern Spain (13200 to 2600 Cal Bc): New Data from La Garma A and Los Gitanos (Cantabria). *Archaeometry* 53: 963-985.
- Adlerstein, S.  
1987 Age and growth of *Concholepas concholepas* (Bruguiere, 1789) using microgrowth structure and spectral analysis. Master of Science, University of Washington (unpublished).
- Ames, Kenneth M.  
1994 The Northwest Coast: Complex Hunter-Gatherers, Ecology, and Social Evolution. *Annual Review of Anthropology* 23: 209–229.
- Anderson, D. G.; K. A. Maasch and D. H. Sandweiss  
2007 Climate and culture change: exploring Holocene transitions. In D.G. Anderson, K.A. Maasch, and D.H. Sandweiss (eds.), *Climate change and cultural dynamics a global perspective on mid-Holocene transitions*. New York: Academic Press, pp. 1-23.
- Andrefsky, William.  
1998 *Lithics: macroscopic approaches to analysis*. Manuals in Archaeology, Cambridge: University Press. 128 pp.
- Andrus, C. Fred, T.  
2011 Shell midden sclerochronology. *Quaternary Science Reviews* 30: 2892-2905.  
  
2012 Molluscs as oxygen-isotope season-of-capture proxies in southeastern United States archaeology. In: Elizabeth J. Reitz, Irvy R. Quitmyer, and David H. Thomas, (eds.), *Seasonality and Human Mobility Along the Georgia Bight*. New York: American Museum of Natural History Anthropological Papers, 97: 123-133.
- Andrus, C. Fred T. and Thompson, Victor D.  
2012 Determining the habitats of mollusk collection at the Sapelo Island shell ring complex, Georgia, USA using oxygen isotope sclerochronology. *Journal of Archaeological Science* 39: 215-228.

- Arata, J. and Hucke-Gaethe, R.  
2005 Pesca incidental de aves y mamiferos marinhos. Documento 10. *Oceana*.  
URL: [http://sa.oceana.org/sites/default/files/reports/Pesca\\_incidental.pdf](http://sa.oceana.org/sites/default/files/reports/Pesca_incidental.pdf)
- Araujo, A., K. J. Reinhard, L. F. Ferreira and S. L. Gardner  
2008 Parasites as probes for prehistoric human migrations? *Trends in Parasitology* 24(3): 112-115.
- Araya, M., L. A. Cubillos, M. Guzman, J. Penailillo and A. Sepulveda  
2001 Evidence of a relationship between age and otolith weight in the Chilean jack mackerel, *Trachurus symmetricus murphyi* (Nichols). *Fisheries Research* 51(1): 17-26.
- Arnold, Jeanne E.  
1992 Complex Hunter-Gatherer-Fishers of Prehistoric California - Chiefs, Specialists, and Maritime Adaptations of the Channel Islands. *American Antiquity* 57(1): 60-84.
- Arnold, J. E. (ed.)  
2004 *Perspectives in California archaeology* v. 7. Los Angeles, Cotsen Institute of Archaeology, University of California.
- Arriaza, B. T.  
1994 Tipología de las Momias Chinchorro y Evolución de las Prácticas de Momificación. *Chungara* 26: 11-48.  
—  
1995. *Beyond Death. The Chinchorro Mummies of Ancient Chile*. Smithsonian Institution Press, Washington D.C.  
—  
2003 *Cultura Chinchorro: Las momias mas antiguas del mundo*. Santiago do Chile; Editorial Universitaria.  
—  
2005 Arseniasis as an environmental hypothetical explanation for the origin of the oldest artificial mummification practice in the world. *Chungará* 37 (2): 255-260.
- Arriaza, B. T.; Cardenas-Arroyo, F.; Kleiss, E. and Verano.  
1998 South America mummies: culture and disease. In *Mummies, Diseases and Ancient Cultures*, A. Cockburn, E. Cockburn and T. A. Reyman (eds.). Cambridge: University Press.
- Arriaza, B. T.; Standen, V. G.; Belmonte, E.; Rosello, E. and Nials, F.  
2001 The peopling of the Arica Coast during the preceramic: a preliminary view. *Chungará* (Arica) 33 (1): 31-16.

- Arriaza, B. T., Doubrava, M., Standen, V. and Haas, H.  
2005 Differential mortuary treatment among the Andean Chinchorro fishers: Social inequalities or in situ regional cultural evolution? *Current Anthropology* 46(4): 662-671.
- Arriaza, B. and Standen, V.  
2002 *Death, Mummies, and Ancestral Rites: The Chinchorro Culture*. Arica: Ediciones Universidad de Tarapacá.
- Arriaza, B. T.; Standen, V. G.; Cassman, V.; and Santoro, C. M.  
2008 Chinchorro Culture: Pioneers of the Coast of the Atacama Desert. In H. Silverman and W. H. Isbell (eds.), *Handbook of South American Archaeology*. New York: Springer, pp. 45-58.
- Arriaza, B.; Amarasiriwardena, D.; Cornejo, L.; Standen, V.; Byrne, S.; Bartkus, L. and Bandak, B.  
2010 Exploring chronic arsenic poisoning in pre-Columbian Chilean mummies. *Journal of Archaeological Science* 37(6): 1274-1278.
- Aufderheide, A. C.; Muñoz, I. and Arriaza, B.  
1993 7 Chinchorro Mummies and the Prehistory of Northern Chile. *American Journal of Physical Anthropology* 91 (2): 189-201.
- Aufderheide, Arthur C. et al.  
2004. A 9,000-year record of Chagas' disease. *Proceedings of the National Academy of Sciences* 101 (7): 2034–2039.
- Báez, Pedro; Arata, Javier and Jackson, Donald  
2004 El Loco Concholepas Concholepas (Bruguière 1789) (Mollusca: Gastropoda: Muricidae) como recurso durante el Holoceno Temprano-Medio en los Vilos, Chile Central. *Investigaciones Marinas* (32) 1: 107-113.
- Báez, P. and Donald, S. J.  
2008 Exploitation of loco, *Concholepas concholepas* (Gastropoda: Muricidae), during the Holocene of Norte Semiárido, Chile. In A. Antczak and R. Cipriani, (eds.), *Early Human Impact on Megamolluscs*. Oxford: Archaeopress, British Archaeological Reports (1865): 79-94.
- Bailly, Nicolas  
2010 *Semicossyphus darwini* (Jenyns, 1842). In: Nicolas Bailly (2010). FishBase. Accessed through: World Register of Marine Species at <http://www.marinespecies.org/aphia.php?p=taxdetails&id=282752> on 2011-10-25.

- Barrientos, Sergio E  
 2007 Earthquakes in Chile. In T. Moreno and W. Gibbons (eds.), *The geology of Chile*. London: Geological Society. Pp. 263-288. In: T. Morena and W. Bibbons (eds), *The geology of Chile*. London: Geological Society, pp. 263-288.
- Bar-Yosef, Ofer and Rocek, Thomas R.  
 1998 Introduction. In Thomas R. Rocek and Ofer Bar-Yosef (eds.), *Seasonality and Sedentism: Archaeological Perspectives from Old and New World Sites*. Washington: Smithsonian Institution Press, pp. 1-8.
- Belmonte, Eliana; Rosello, Eugenia and Rojas R., Nelly.  
 1988 Análisis de restos vegetales de coprolitos de camelidos de la desembocadura del río Camarones. *Chungará (Arica)* 20:47-61.
- Belmonte, E.  
 1998 Estudio Comparativo de Especies Vegetales de Contexto Arqueológico (Museo Arqueológico San Miguel de Azapa). *Informe Final de Investigación Proyecto N° 3740-96*, Universidad de Tarapacá.
- Belmonte, Eliana; M. Gómez, A.M. Mujica; E. Bastías and G. Montenegro  
 1999 Origen botánico del asa de una bolsa funeraria de la cultura chinchorro del norte de Chile. *Rev. Acad. Colomb. Cienc.* 23 (87):179-188.
- Belmonte, Eliana; Bastías, E.; Gómez, M.; Mujica, Ana M.; and Montenegro, G.  
 2001. Determinación Taxonómica de Fragmentos de Madera de Contexto Funerario de la Cultura Chinchorro. *Chungará (Arica)* 33 (1): 145-154.
- Benfer Jr., Robert A.  
 1982 El Proyecto Paloma de la Universidad de Missouri y el Centro de Investigaciones de Zonas Áridas. *Zonas Áridas*, Lima: Centro de Investigaciones de Zonas Áridas, Universidad Nacional Agraria, no. 2.
- Benfer Jr., Robert A.  
 1984 The Challenges and Rewards of Sedentism: The Pre-ceramic Village of Paloma, Peru. In M. N. Cohen and G. J. Armelagos (eds.), *Paleopathology at the Origins of Agriculture*. New York: Academic Press, pp. 531-558.
- Benfer Jr., Robert A.  
 1990 The Pre-ceramic Period Site of Paloma, Peru: Bioindicators of Improving Adaptation to Sedentism. *Latin American Antiquity* 1 (4): 284-318.
- Bernstein, David J.  
 1990 Prehistoric Seasonality Studies in Coastal Southern New England. *American Anthropologist*, (92), 1: 96-115.

- Berry, Edward.  
1922 *Contributions to the paleobotany of Peru Bolivia and Chile*. Baltimore: The Johns Hopkins press, no. 4, 221 p.
- Billings, S. L.  
2001 *Sedentism among the Archaic Fisher-Folk of Northern Chile: A Malacological Perspective*. Master thesis, Department of Anthropology, College of Liberal Arts, University of Nevada, Las Vegas (unpublished).
- Bird, D. W. and Bird, R. B.  
2000 The Ethnoarchaeology of Juvenile Foragers: Shellfishing Strategies among Meriam Children. *Journal of Anthropological Archaeology* 19: 461-476.
- Bird, J.  
1943 Excavation in Northern Chile. *Anthropological Papers of the American Museum of Natural History* 38 (4), New York: American Museum of Natural History.  
—  
1946 The cultural sequence of the north Chilean coast. In J. H. Steward (ed.) *Handbook of South American Indians 2*: 587-594. Washington: Smithsonian Institution.
- Bird, J. B., Hyslop, J. and Skinner, M.D.  
1985 *The Preceramic excavations at the Huaca Prieta, Chicama Valley, Peru*. Anthropological papers of the American Museum of Natural History 62 (1). New York: American Museum of Natural History.
- Blanco, J. L., et al.  
2001 Seasonal climatology of hydrographic conditions in the upwelling region off northern Chile. *Journal of Geophysical Research-Oceans* 106 (C6): 11451-11467.
- Borrero, L. A. and Barberena, R.  
2006 Hunter-Gatherer Home Ranges and Marine Resources: An Archaeological Case from Southern Patagonia. *Current Anthropology* 47 (5): 855-867.
- Bogucki, Peter.  
1999 *The origins of human society*. Blackwell Publishers.
- Boyd, B.  
2006 On “sedentism” in the Later Epipalaeolithic (Natufian) Levant. *World Archaeology* 38: 164-178.

- Braje, T. J.; Rick, T. C.; Willis, L. M. and Erlandson, J. M.  
2011 Shellfish and the Chumash: Marine Invertebrates and Complex Hunter-Gatherers on Late Holocene San Miguel Island, California. *North American Archaeologist* 32 (3): 267-290.
- Brako, L. and Zarucchi, J. L.  
1993 *Catalogue of the Flowering Plants and Gymnosperms of Peru*. Missouri, Botanical Garden. Monographs in Systematic Botany. 1286 pp.
- Brill, Steve and Dean, Evelyn.  
1994 *Identifying and Harvesting Edible and Medicinal Plants*. New York: Harper Collins Publishers, 336 pp.
- Brochier, T.; Lett, C. and Freon, P.  
2011 Investigating the 'northern Humboldt paradox' from model comparisons of small pelagic fish reproductive strategies in eastern boundary upwelling ecosystems. *Fish and Fisheries* 12 (1): 94-109.
- Brown, James A  
1985 Long-Term Trends to Sedentism and the Emergence of Complexity in the American Midwest. In T. Douglas Price and James A. Brown (eds.). *Pre-historic Hunter-Gatherers: The Emergence of Complexity*. Orlando: Academic Press, pp. 201-231.
- Brown, Donald; Campos, Bernardita and Urban, H-Jörg.  
2002 Reproductive Cycle of the Bivalve Clams *Semele solida* (Gray, 1828) (SEMELIDAE) and *Gari solida* (Gray, 1828) (PSAMMOBIIDAE) from Chile. *Journal of Shellfish Research* 21 (2): 627-634.
- Burger, Richard L.  
1992 *Chavin and the Origins of Andean Civilization*. Thames and Hudson, London.
- Bustos, E.; Robhotham, H.; Lara, E. and Pacheco, E.  
1986 Edad y Crecimiento de *Concholepas concholepas* (Bruguière, 1789) y aplicaciones de la ecuación de Von Bertalanffy (gastropoda-muricidae). *Investigación Pesquera*, Chile, 33: 33-45.
- Campagna, C.  
2008 *Otaria flavescens*. Downloaded on 30 December 2011. In *IUCN Red List of Threatened Species*: IUCN.
- Cárdenas, Leyla; Viard, Frédérique and Castilla, Juan Carlos.  
2008 Paleobiogeography and taxonomy of the genus *Concholepas* (Lamarck, 1801): a review and new evidences. *Revista Chilena de Historia Natural* 81: 417-436.

- Carré, Matthieu.  
2007 El mes de recolección de la macha determinado por sus líneas de crecimiento: aplicaciones arqueológicas. *Bulletin de l'Institut Français d'Études Andines*, 36 (2): 299-304.
- Carré, M., Klaric, L., Lavallée, D., Julien, M., Bentaleb, I.; Fontugne, M.; Kawka, O.  
2009 Insights into early Holocene huntergatherer mobility on the Peruvian Southern Coast from mollusk gathering seasonality. *Journal of Archaeological Science* 36, 1173e1178.
- Carré, Matthieu; Azzoug, Moufok; Bentaleb, I.; Chase, B. M.; Fontugne, M.; Jackson, D.; Ledru, Marrie-Pierre; Maldonado, A.; Sachs, J. P.; Schauer, A. J.  
2012 Mid-Holocene mean climate in the south eastern Pacific and its influence on South America. *Quaternary International* 253: 55-66.
- Cassman, Vicki; Odegaard, Nancy and Arriaza, Bernardo.  
2008 Chinchorro Twined Shrouds. *Textile Society of America Symposium Proceedings*. Paper 86. URL: <http://digitalcommons.unl.edu/tsaconf/86>
- Castilla, Juan and Guinez, Ricardo.  
2000 Disjoint geographical distribution of intertidal and nearshore benthic invertebrates in the Southern Hemisphere. *Rev. Chil. Hist. Nat.* 73 (4): 585-603.
- Castilla, J. C., and G. Jerez  
1986 Development of Data Base for Managing Loco (*Concholepas concholepas*) Resource in Chile. *Canadian special publication of fisheries and aquatic sciences* 92: 133-139.
- Cebrano, A, et al.  
2007 Neotectonics. In *The geology of Chile*. T. Moreno and W. Gibbons (eds.) London: Geological Society, pp. 231-262.
- Chevalier, A.  
2012 Explotación y uso de la flora en la Quebrada de los Burros. In Lavallée, D., Julien, M. (Eds.), *Prehistoria de la costa extremo-Sur del Perú. Los Pescadores arcaicos de la quebrada de los Burros (10000 – 7000 a.P.)*. Lima : Travaux de l'Institut Français d'Études Andines, pp 177-194.
- Clark II, George R.  
1979 Appendix. Seasonal Growth Variations in the Shells of Recent and Prehistoric Specimens of *Mercenaria mercenaria* from St. Catherines Island, Georgia. In: David H. Thomas and Clark S. Larsen (eds.), *Anthropological Papers of the American Museum of Natural History*, New York, 56, part 1, pp. 1-180.

- Claassen, C.  
1986 Shellfishing seasons in the prehistoric southeastern United States. *American Antiquity* 51 (1): 21–37.
- Claassen, Cheryl.  
1998 *Shells*. Cambridge: Cambridge University Press, 266 p.
- Cobb, Kim et al.  
2013 Highly Variable El Niño – Southern Oscillation Throughout the Holocene. *Science* 339: 67-70.
- Cohen, Mark Nathan. 1989. *Health and the Rise of Civilization*. Yale: University Press. 296 p.
- Contreras, Daniel A.  
2010 Landscape and Environment: Insights from the Prehispanic Central Andes. *J. Archaeol. Res.*, 18 pp. 241-288.
- Cornejo, Lorena; Maturana, Carolina and Lienqueo, Hugo.  
2009 Determinación del Contenido de Arsénico Total en Pescados y Mariscos de la Caleta de Camarones, Region de Arica y Parinacota. *Quinto Congreso Latinoamericano de Física y Química Ambiental y Sextas Jornadas Chilenas de Física y Química Ambiental*. Arica : Universidad de Tarapacá 75 p.
- Corrales Muñoz, Jorge  
1989 Fauna malacológica en asentamientos humanos de la región de Arica: Influencia conductual para el hombre primitivo. *Diálogo andino* 7/8: 137-144
- Coura, José R.; Junqueira, Angela C. V.; Fernandes, Octavio; Valente, Sebastiao A. S. and Milles, Michael A.  
2002 Emerging Chagas disease in Amazonian Brazil. *TRENDS in Parasitology*, 18 (4): 171-176.
- DaMatta, Roberto.  
1987 *A casa & a rua : espaço, cidadania, mulher e morte no Brasil*. Rio de Janeiro, RJ : Editora Guanabara, pp. 181.
- Dauphin, Yannicke; Guzman, Nury; Denis, Alain; Cuif, Jean-Pierre and Ortlieb, Luc.  
2003 Microstructure, nanostructure and composition of the shell of *Concholepas concholepas* (Gastropoda, Muricidae). *Aquatic Living Resources* 16: 95–103.
- DeFrance, Susan D. and Álvarez, Adán U.  
2004 Quebrada Tacahuay: Un Sitio Marítimo del Pleistoceno Tardío en la Costa Sur del Perú. *Chungara* 36 (2): 257-278.



- DeFranco, Susan D.  
 2009 Quebrada Tacahuay and Early Maritime Foundations on Peru's Far Southern Coast. In Marcus, Joyce, and Patrick Ryan Williams (eds.), *Andean Civilization: A Tribute to Michael E. Moseley*. Cotsen Institute of Archaeology, University of California.
- DeMasi, Marco Aurélio Nadal.  
 2009 Aplicações de isótopos estáveis de 18/16 O, 13/12 C e 15/14 N em estudos de sazonalidade, mobilidade e dieta de populações pré-históricas no sul do Brasil. *Revista de Arqueologia* 22 (2): 55-76.
- Denham, Tim; Iriarte, J. and Vrydaghs, L. (eds.)  
 2007 *Rethinking agriculture: archaeological and ethnoarchaeological perspectives*. Walnut Creek : Left Coast Press.
- Di Castri, Francesco and Hajek, Ernst R.  
 1976 *Bioclimatología de Chile*. Santiago, Universidad Católica de Chile. 161 pp.
- Dillehay, T. D.  
 sd. *Prehispanic Sedentism(s) and complexity in South America*.
- Dillehay, Tom D.  
 2000 *The settlement of the Americas: a new prehistory*. New York: Basic Books.
- Dillehay, Tom D.  
 2006 Organización y espacios sociopúblicos incipientes: tres casos de los Andes. *Boletín de Arqueología PUCP* 10: 13-36.
- Dillehay, Tom D.  
 2008 Profiles in Pleistocene history. In Helaine Silverman and William Isbell (eds.). *The Handbook of South American Archaeology*. New York: Springer, pp. 29-43.
- Dillehay, Tom D.  
 2012 Selective complexity and adaptive motuary behavior. *Proceedings of the National Academy of Sciences* 109 (37): 14722-23.
- Dillehay, Tom D.; Rossen, Jack ; Maggard, Greg; Stackelbeck, Kary and Netherly, Patricia.  
 2003 Localization and possible social aggregation in the Late Pleistocene and Early Holocene on the north coast of Peru. *Quaternary International* 109: 3-11.

- Dillehay, Tom D.; Bonavia, D. and Kaulicke, P.  
2004 The First Settlers. In H. Silverman (ed.), *Andean Archaeology*. Blackwell Studies in Global Archaeology. Malden, MA.: Blackwell Publishing, pp. 16-34.
- Dillehay, Tom D., Herbert H. Eling, and Jack Rossen.  
2005 Preceramic irrigation canals in the Peruvian Andes." Proceedings of the National Academy of Sciences of the United States of America 102 (47): 17241-17244.
- Dillehay, T. D.; Bonavia, D.; Goodbred Jr., S. L.; Pino, M.; Vásquez, V.; Tham, T. R.  
2012a A late Pleistocene human presence at Huaca Prieta, Peru, and early Pacific Coastal adaptations. *Quaternary Research* 77: 418-423.
- Dillehay, T. D; Bonavia, D.; Goodbred Jr., S. L.; Pino, M.; Vásquez, V.; Tham, T. R.; Conklin, W.; Splitstoser, J.; Piperno, D.; Iriarte, J.; Grobman, A.; Levi-Lazzaris, G.; Moreira, D.; Lopeiz, M.; Tung, T.; Titelbaum, A.; Verano, J. Adovasio, J.; Cummings, L. S.; Bearez, P.; Dufour, E.; Tombret, O.; Ramirez, M.; Beavins, R.; DeSantis, L.; Rey, I.; Mink, P.; G. and Franco, T.  
2012b Chronology, mound-building and environment at Huaca Prieta, coastal Peru, from 13 700 to 4000 years ago. *Antiquity* 86: 48-70.
- Dillehay, Tom D. et al.  
2012b Online Supplement Chronology, mound-building and environment at Huaca Prieta, coastal Peru, from 13 700 to 4000 years ago. *Antiquity* 86: 48-70. Online Supplement : 1-12. <http://antiquity.ac.uk/projgall/dillehay331/>
- Doucet, Julie Ann.  
2012 *Oysters and Catfish: Resource Exploitation at Rollins Shell Ring, Ft. George Island, Florida*. Master of Arts in The Department of Geography and Anthropology BA, Louisiana State University, 2012.
- Donoso, Claudio.  
1996. Ecology of Nothofagus Forests in Central Chile. In Thomas T. Veblen, Robert S. Hill and Jennifer Read (eds.). *The Ecology and Biogeography of Nothofagus Forest*. Yale University Press, pp. 293-353.
- Erlandson, J. M., and T. L. Jones (eds.)  
2002 Catalysts to Complexity: Late Holocene Societies of the California Coast. Institute of Archaeology, University of California, Los Angeles.
- Espinosa Galleguillos, L.A.  
2006 Chile: informe anual. Censo Neotropical de Aves Acuáticas 2005 [en línea]. In López-Lanús and D.E. Blanco (eds.), *El Censo Neotropical de Aves Acuáticas 2005; Una herramienta para la conservación*. Buenos Aires: Wetlands International at <http://www.wetlands.org/LatinAmerica/Sp/index.aspx> [access 2011].

- Egg, Antonio Brack.  
1999 *Diccionario enciclopédico de plantas útiles del Perú*. Programa de las Naciones Unidas para el Desarrollo (PNUD), Centro de Estudios Regionales Andinos Bartolomé de Las Casas. 550 pp.
- Falabella, F.; Planella, M. T.; and Pollastri, A.  
1991 Análisis de Oxígeno18 en material malacológico de Chile Central, XI *Congr. Nac. Arqueol. Chilena* I: 105–121.
- Feldman, Robert A.  
1985 Preceramic Corporate Architecture: Evidence of the Development of Non-Egalitarian Social Systems in Peru. In C.B.Donnan (ed.), *Early Ceremonial Architecture in the Andes*. Washington D.C. : Dumbarton Oaks, pp 71-92.
- Fernández, Ernesto; Velazco, Federico; Moron, Octavio and Guzmán, Soledad.  
2007 Calibracion de Proxis en Moluscos para Estudios Paleoceanograficos: Calibración de Variables Físicas y Geoquímicas de Fósiles y Organismos Recientes. *Instituto del Mar del Peru*, Informe Annual, 13 p.
- Ferreira, R.  
1983 Los tipos de vegetación de la costa peruana. *Anales del Jardín. Botánico de Madrid*, 40 (1): 241-256.
- Ferreira, L.F.; de Araújo, A. J.; Confalonieri, U.E.; Nuñez, L.  
1984 The finding of eggs of *Diphyllobothrium* in Human Coprolites (4,100–1,950 B.C.) from Northern Chile. *Memorias do Instituto Oswaldo Cruz* 79, 175–180.
- Ferrerira, L. F; Jansen, A. M. and Araújo, A.  
2011 Chagas disease in prehistory. *Anais da Acadêmia Brasileira de Ciências*, 83 (3): 1041-1044.
- Fernandes, Florestan.  
1963 *Organização Social dos Tupinambá*. São Paulo: Difusão Européia do Livro, 375 p.
- Fernández, Ernesto; Velazco, Federico; Moron, Octavio and Guzmán, Soledad.  
2007 Calibracion de Proxis en Moluscos para Estudios Paleoceanograficos: Calibración de Variables Físicas y Geoquímicas de Fósiles y Organismos Recientes. Instituto del Mar del Peru, *Informe Annual*, 13 p.
- Fernández, Ernesto; Guzmán, Nury; Ortlieb, Luc; Velazco, Federico; Zevallos, Sheyla and Wolff, Matthias.  
2009 Informe Interno IMARPE (Diciembre) (Summary, unpublished)

- Froese, R. and D. Pauly. Editors  
2011 In *FishBase*: World Wide Web electronic publication. [www.fishbase.org](http://www.fishbase.org), version (10/2011).
- Feldman 1988 In R. Keatinge (ed.) *Peruvian prehistory*. Cambridge: Cambridge University Press, pp. 67–96.
- Fung, Rosa Pineda.  
1988 The Late Preceramic and Initial Period. In R. Keatinge (ed.) *Peruvian prehistory*. Cambridge: Cambridge University Press, pp. 67–96.
- Garcia-Godos, A.  
1996 *Patrones morfológicos del otolito sagitta de los peces de la costa central de Peru*. Informe final. Concejo Nacional de Ciencia y Tecnología CONCYTEC. Lima. 90 p
- Gaspar, M. D.; DeBlasis, P.; Fish, S. K. and Fish, P. R.  
2008 Sambaqui (Shell Mound) Societies of Coastal Brazil. In *Handbook of South American Archaeology*. H. Silverman and W.H. Isbell, eds. Pp. 319-335. New York: Springer.
- Gayo, Eugenia M.; Claudio Latorre, Teresa E. Jordan, Peter L. Nester, Sergio A. Estay, Karla F. Ojeda, Calogero M. Santoro.  
2012 Late Quaternary hydrological and ecological changes in the hyperarid core of the northern Atacama Desert (~21°S). *Earth-Science Reviews* 113: 120-140.
- Godoy, Patricio Walter Bustamante  
2009 Uso de Energía Alternativa Renovable de Tipo Mareomotriz en Caleta Camarones de la XV Región de Chile Trabajo de Titulación, Departamento de Ingeniería Geográfica, Universidad de Santiago de Chile, Facultad de Ingeniería.
- Gosselin, Marc; Lazareth, C. E. and Ortlieb, L.  
2013 Sclerochronological Studies in the Humboldt Current System, A Highly Variable Ecosystem. *Journal of Shellfish Research* 32 (3): 867-882.
- Gossen, Candace.  
2007 Report: The mystery lies in the *Scirpus*. *Rapa Nui Journal* 21 (2).
- Grosjean, Martin.  
2001 Mid-Holocene Climate in the South-Central Andes- Humid or Dry? *Science* 292: 2391.
- Grosjean, M.; Núñez, L.; Cartajena, I. and Meserli, B.  
1997 Mid-holocene climate and culture change in the Atacama Desert, northern Chile. *Quaternary Research* 48 (2): 239-246.

- Grosjean, M.; Cartajena, I.; Geyh, M. A. and Núñez, L.  
 2003 From proxy data to paleoclimate interpretation: the mid-Holocene paradox of the Atacama Desert, northern Chile. *Palaeogeography Palaeoclimatology Palaeoecology* 194 (1-3): 247-258.
- Grosjean, M.; Santoro, C. M.; Thompson, L. G., Núñez, L. and Standen, V.  
 2007 Mid-Holocene Climate and Culture Change in the South Central Andes. In Daniel H. Sandweiss and Kirk A. Maasch (eds.), *Climate Change and Cultural Dynamics: A Global Perspective on Holocene Transitions*. New York : Academic Press.
- Guhl, Felipe; Jaramillo, Carlos; Vallejo, Gustavo A.; Cárdenas A-Arroyo, Felipe and Aufderheide, Arthur.  
 2000 Chagas disease and human migration. *Memórias do Instituto Oswaldo Cruz*, 95 (4): 553-555.
- Guillén, S. E.  
 1997 Morro 1-5 (Arica) Momias y sociedades complejas del Arcaico de los Andes Centrales. *Boletín de Arqueología. Pontificia Universidad Católica del Perú*, 1: 65-78.
- Guisado, Ch. and Castilla, J. C.  
 1983 Aspects of the ecology and growth of an intertidal juvenile population of *Concholepas concholepas* (Mollusca: Gastropoda: Muricidae) at Las Cruces, Chile. *Marine Biology* 78: 99-103.
- Guiry, M.D. and Guiry, G.M.  
 2012 AlgaeBase. World-wide electronic publication, National University of Ireland, Galway. <http://www.algaebase.org>; searched on 19 January 2012.
- Guzman, N.  
 2004 *Validation d'une approche scléroclimatologique sur la côte du Chili et du Pérou par l'analyse microstructurale et biogéochimique des coquilles du gastéropode Concholepas concholepas [Bruguère, 1989]*. PhD thesis, Orsay, France, 220 p. (unpublished)
- Guzmán, Nury; Saá, Sheyla and Ortlieb, Luc .  
 1998 Catálogo Descriptivo de los Moluscos Litorales (GASTROPODA Y PELECYPODA) de la Zona de Antofagasta, 23°S (CHILE). *Estud. Oceanol.* 17: 17-86.
- Guzmán, N.; Lazareth, C. E.; Poitrasson, F.; Candaudap, F; Cuif, J.P.; Ortlieb, L.  
 2004 A high resolution temperature calibration study on the Chilean gastropod *Concholepas concholepas*. Abstract.
- Guzman, N.; Ortlieb, L.; Cuif, J. P.; Duphin, Y.; Lazareth, C. E.

2007 Subdaily and Hourly Growth Patterns within the Shell of the Chilean Gastropod *Concholepas concholepas* : New Perspectives for High-Resolution Sclerochronological Studies. *Internationas Sclerochronology Conference*, St. Petersburg.

Guzman, Nury, et al.

2009 Diagenetic changes in *Concholepas concholepas* shells (Gastropoda, Muricidae) in the hyper-arid conditions of Northern Chile—implications for palaeoenvironmental reconstructions. *Biogeosciences* 6 (2): 197-207.

Haas, Jonathan and Creamer, Winifred.

2004 Cultural Transformations in the Central Andean Late Archaic. In H. Silverman (ed.), *Andean Archaeology*. Blackwell Studies in Global Archaeology. Malden, MA.: Blackwell Publishing, pp. 35-50.

—

2006 Crucible of Andean Civilization: The Peruvian Coast from 3000 to 1800 BC. *Current Anthropology* 47 (5): 745-775.

Hitchcock, R.

1987 Sedentism and Site Structure: Organization Changes in the Kalahari Basarwa Residential Locations. In S. Kent (ed.), *Method and Theory for Activity Area Research: An Ethnoarchaeological Approach*. New York : Columbia University Press, pp 374-423.

Hodder, Ian.

1990 *The domestication of Europe: structure and contingency in Neolithic societies*. Oxford: Basil Blackwell, 1990.

Holmgren, Milena *et al.* 2001. El Niño effects on the dynamics of terrestrial ecosystems. *Trends in Ecology & Evolution* 16 (2): 89-94.

Houk Jr., Stephen D.

2002 *Growth Increment Analysis of Marine Bivalves from the North Coast of Peru*. Thesis submitted in Partial Fulfillment of the Requirements for the Degree of Master of Science. The Graduate School, The University of Maine, pp. 133.

Iriarte, José.

2006 Landscape transformation, mounded villages and adopted cultigens: the rise of early Formative communities in south-eastern Uruguay. *World Archaeology*, Debates in World Archaeology, vol. 38(4): 644-663.

Jerardino, Antonieta.

1997 Changes in Shellfish Species Composition and Mean Shell Size from a Late-Holocene Record of the West Coast of Southern Africa Pages. *Journal of Archaeological Sciences* 24: 1031-1044.

- Jerardino, Antonieta; Castilla, Juan C; Ramirez, J. Miguel; Hermosilla, Nuri L.  
 1992 Early Coastal Subsistence Patterns in Central Chile: A Systematic Study of the Marine-Invertebrate Fauna from the Site of Caruamilla-1. *Latin American Antiquity* (3) 1: 43-62.
- Jones, Christie Ann.  
 2010 *Mineralogy and Seasonal Growth of South Pacific Mussel Valves*. Master of Science, Department of Geological Sciences, University of Alabama.
- Jones, Douglas.  
 1980 Annual cycle of shell growth increment formation in two continental shelf bivalves and its paleoecologic significance. *Paleobiology* (6) 3: 331-340.
- Jones, Douglas S., Ida Thompson, and William Ambrose.  
 1978 Age and growth rate determinations for the Atlantic surf clam *Spisula solidissima* (Bivalvia: Mactracea), based on internal growth lines in shell cross-sections. *Marine Biology* 47 (1): 63-70.
- Jones, D. S. and Quitmyer, I.R.  
 1996 Marking time with bivalve shells: oxygen isotopes and season of annual increment formation. *Palaios* 11: 340-346.
- Jones, Terry L.  
 2002 Late Holocene Cultural Complexity along the California Coast. In J. M. Erlandson and T. L. Jones (eds.). *Catalysts to Complexity: Late Holocene Societies of the California Coast*, Cotsen Institute of Archaeology. Los Angeles: University of California, pp. 1-12.
- Keefer, D.K.; de France, S.D.; Moseley, M.E.; Richardson III, J.B.; Satterlee, D.R.; Day-Kelly, Robert L.  
 1992 Mobility/Sedentism: Concepts, Archaeological Measures, and Effects. *Annual Review of Anthropology* 21: 43-66.
- Kelly, Robert L.  
 1998 Foraging and Sedentism. In Thomas R. Rocek and Ofer Bar-Yosef (eds.), *Seasonality and Sedentism: Archaeological Perspectives from Old and New World Sites*. Washington: Smithsonian Institution Press, pp 9-23.
- Kelly, Robert L.; Poyer, Lin and Tucker, Bram.  
 2005 An Ethnoarchaeological Study of Mobility, Architectural Investment, and Food Sharing among Madagascar's Mikea. *American Anthropologist* 107 (3): 403-416.
- Kennett, Douglas J. and Voorhies, Barbara.

- 1996 Oxygen Isotopic Analysis of Archaeological Shells to Detect Seasonal Use of Wetlands on the Southern Pacific Coast of Mexico. *Journal of Archaeological Science*, 23: 689-704.
- Labonne, Claude Hillaire-Marcel Maylis.  
2000 Geochemical gradients within modern and fossil shells of *Concholepas concholepas* from northern Chile: an insight into U-Th systematics and diagenetic/authigenic isotopic imprints in mollusk shells. *Geochimica et Cosmochimica Acta* 64 (9): 1523-1534.
- Lamming-Emperaire, Annette. 1967. *Guia para o estudo das Indústrias Líticas da América do Sul*. Manuais de Arqueologia, n. 2. Curitiba: Centro de Ensino e Pesquisas Arqueológicas da Universidade Federal do Paraná.
- Lara, Enrique et al.  
2007 Comportamiento y parámetros reproductivos de loco en la I y II Regiones. *Fondo de Investigación Pesquera*, Informe Final, FIP No. 2005-32.
- Latorre, C., et al.  
2003 A vegetation history from the arid prepuna of northern Chile (22-23 degrees S) over the last 13,500 years. *Palaeogeography Palaeoclimatology Palaeoecology* 194 (1-3): 223-246.
- Lavallée, Danièle  
2000 *The first South Americans: the peopling of a continent from the earliest evidence to high culture*. Salt Lake City: Univ. of Utah Press.
- Lavallée, D.  
2012 El contexto arqueológico regional: las primeras ocupaciones humanas del litoral Pacífico, del sur del Perú al norte de Chile. In Lavallée, D. and Julien, M. (eds.), *Prehistoria de la costa extremo-Sur del Perú. Los Pescadores arcaicos de la quebrada de los Burros (10000 – 7000 a.P.)*. Lima, Travaux de l'Institut Français d'Etudes Andines, pp 37-48
- Lavallée, D.; Julien, M.; Béarez, P.; Usselman, P.; Fontugne, M. and Bolaños, A.  
1999. Pescadores-recolectores arcaicos del extremo-sur peruano. Excavaciones en la Quebrada de los Burros (Tacna, Perú) Primeros Resultados 1995-1997. *Bulletin de l'Institut Français d'etudes andines* 28:13-52.
- Lavallée, Danièle et al.  
2011 Quebrada de los Burros. Los Primeros Pescadores del Litoral Pacífico en el Extremo Sur Peruano. *Chungara*, 43 (Número Especial 1): 333-351.
- Lavallée, D. and Julien, M.



- 2012 *Prehistoria de la costa extremo-Sur del Perú. Los Pescadores arcaicos de la quebrada de los Burros (10000 – 7000 a.P.)*. Lima, Travaux de l’Institut Français d’Etudes Andines, pp. 478.
- Lazareth, C. E.; Guzmán, N.; Poitrasson, F.; Cuif, J.-P. and Ortlieb, L.  
2005 Subdaily geochemical and microstructural study on the Chilean coastal gastropod *Concholepas concholepas*: towards a high resolution proxy calibration. *Geophysical Research Abstracts* 7: 3p.
- Lazareth, Claire E.; Guzman, Nury; Poitrasson, Franck; Candaupad, Frederic and Ortlieb, Luc.  
2007. Nyctemeral variations of magnesium intake in the calcitic layer of a Chilean mollusk shell (*Concholepas concholepas*, Gastropoda). *Geochimica et Cosmochimica Acta* 71: 5369-5383.
- Le Bailly, Matthieu, and Bouchet, Françoise.  
2013 *Diphyllobothrium* in the past: Review and new records. *International Journal of Paleopathology* 3 (3): 182-187.
- Lewis, A.  
1998 Early maritime economy and el niño events at Quebrada Tacahuay. *Science* 281: 1833–1835.
- Lieberman, Daniel E.  
1998 Natufian “Sedentism” and the Importance of Biological Data for Estimating Reduced Mobility. In Thomas R. Rocek and Ofer Bar-Yosef (eds.), *Seasonality and Sedentism: Archaeological Perspectives from Old and New World Sites*. Washington: Smithsonian Institution Press, pp. 75-92
- Lima, Tania A.; Botelho de Mello; Elisa M. and Pinheiro da Silva. Regina C.  
1986 Analysis of molluscan remains from the Ilha de Santana site, Macae, Brazil. *Journal of Field Archaeology* 13 (1): 83-97.
- Lima, V.S; Iniguez, A.M.; Otsuki, K.; Ferreira, L. F.; Araújo, A.; Vicente, A. C. P. and Jansen, A. M.  
2008 Chagas disease in ancient hunter-gatherer population, Brazil. *Emerging Infectious Diseases* 7: 1001–1002.
- Llagostera M., Agustín.  
1979 9,700 Years of Maritime Subsistence on the Pacific: An Analysis by Means of Bioindicators in the North of Chile. *American Antiquity* 44: 309-324.
- Llagostera M., Agustín.  
1982 Tres dimensiones en la conquista prehistórica del mar: Un aporte para el estudio de las formaciones pescadoras de la costa surandina. *Actas del VIII Congreso Nacional de Arqueología Chilena*, pp 217-245.

- Llagostera M., Agustín.  
1989 Caza y Pesca Marítima (9.000 a 1.000 a. C.). In Jorge Hidalgo L., Virgilio Schiappacasse F., Hans Niemeyer F., Carlos Adulante Del S. and Iván Solimano R. Santiago (eds.), *Culturas de Chile: Prehistoria Desde De Sus Orígenes Hasta Los Albores De La Conquista*. Editorial Andrés Bello, pp 57-79.
- Llagostera, Agustin.  
1992 Early occupations and the emergence of fishermen on the Pacific coast of South America. In Daniel H. Sandweiss (ed.), *Andean Past* 3: 87–109.
- Lucero, Marcela.  
2003 Revisión y Registro de Instrumentos de Concha de Isla Mocha e Isla Santa María, depositados en Museo de Historia Natural de Concepción. *Boletín de la Sociedad Chilena de Arqueología*, 35/36: 93-100.
- Luebert, Federico.  
2011 Hacia una fitogeografía histórica del Desierto de Atacama. *Revista de Geografía Norte Grande* 50: 105-133.
- Maia, Francisco and Pimenta, Joana.  
2007 Estudo do Crescimento de *Donax vittatus* na Costa Ocidental Norte de Portugal. Dados Científicos para a Gestão de uma nova Pescaria. *Relatórios Científicos e Técnicos, IPIMAR* 37, pp 25.
- Maldonado, A. and Villagrán, C.  
2002 Paleoenvironmental changes in the semiarid coast of Chile (~32°S) during the last 6200 cal years inferred from a swamp-forest pollen record. *Quaternary Research* 58: 130-138.
- Maldonado, Antonio, and Carolina Villagrán.  
2006 Climate variability over the last 9900 cal yr BP from a swamp forest pollen record along the semiarid coast of Chile. *Quaternary Research* 66 (2): 246-258.
- Mann, K. H., and J. R. N. Lazier  
1991 *Dynamics of marine ecosystems : biological-physical interactions in the oceans*. Boston: Blackwell Scientific Publications.
- Mannino, M. A. and Thomas, K. D.  
2001 Intensive Mesolithic exploitation of coastal resources? Evidence from a shell deposit on the Isle of Portland (Southern England) for the impact of human foraging on populations of intertidal rocky shore molluscs. *Journal of Archaeological Science*, 28 (10): 1101–14.
-

- 2002 Depletion of a resource? The impact of prehistoric human foraging on intertidal mollusk communities and its significance for human settlement, mobility and dispersal. *World Archaeology* 33 (3): 452-474.
- Manríquez Paricio H., Delgado A. P., Jara M. E. and J. C. Castilla.  
2008 Field and laboratory experiments with early ontogenetic stages of *Concholepas concholepas* under field and laboratory conditions in Central Chile. *Aquaculture* 279: 99-107.
- Marquet P. A.; et al.  
2012 Emergency of social complexity among hunter-gatherers in the Atacama Desert of northern Chile. *Proc Natl Acad Sci USA* 109 (37): 14754-60.
- Marshall, Yvonne.  
2006 Introduction: Adopting a sedentary lifeway. *World Archaeology* 38 (2): 153-163.
- Mcintosh, Susan K.  
1999 Pathways to complexity: An African Perspective. In S. K. McIntosh (ed.), *Beyond Chiefdoms: Pathways to Complexity in Africa*. Cambridge: University Press, p.1-30.
- Medina, Marianela.  
2004 *Guía de peces marinos de la Zona Norte de Chile*. Universidad Arturo Prat. Departamento de Ciencias del Mar.
- Meehan, B.  
1982 *Shell Bed to Shell Midden*. Canberra: Australian Institute of Aboriginal Studies.
- Meruane, J. A. et al.  
2006 Experiencias y Resultados de Investigaciones sobre el Camaron de Rio del Norte CRYPHIOPS CAEMENTARIUS (MOLINA 1782) (DECAPODA: PALAEMONIDAE): Historia Natural y Cultivo. *Gayana* 70 (2): 280-292.
- Montecino, V., and C. B. Lange  
2009 The Humboldt Current System: Ecosystem components and processes, fisheries, and sediment studies. *Progress in Oceanography* 83(1-4):65-79.
- Morales, J. Felipe.  
S/d. Anexo no. 5 *Informe Hidrologico*. SCM BULLMINE, Región de Tarapacá.
- Moreno, Carlos A.  
2004 Efectos de El Niño en el reclutamiento de *Concholepas concholepas* y *Tegula atra* (Mollusca, Gastropoda) en la costa de Valdivia, Chile. In: S. Avaria,

- J. Carrasco, J. Rutllant, and E. Yáñez (eds.), *El Niño-La Niña 1997-2000. Sus Efectos en Chile*. CONA, Chile, Valparaíso: 179-189.
- Moreno, Ana; Santoro, Calogero M. and Latorre, Claudio.  
2008 Climate change and human occupation in the northernmost Chilean Altiplano over the last 11 500 cal. a BP. *Journal of Quaternary Science* (on line) 45 (4): 373-382.
- Moseley, Michael E.  
1975 *The Maritime Foundations of Andean Civilization*. Menlo Park, California: Cummings Publishing Company.
- Moseley, Michael E.  
1992 Maritime Foundations and Multilinear Evolution: Retrospect and Prospect, *Andean Past* 3: 5-42.
- Moseley, Michael E.  
2001 *The Incas and their Ancestors*. New York: Thames and Hudson.
- Moseley, Michael E. and Feldman, R.  
1988 Fishing, farming, and the foundations of Andean civilization. In Geoff Bailey and John Parkington (eds.), *The archaeology of prehistoric coastlines*. Cambridge : Cambridge University, pp 125-134.
- Moseley, E. Michael; Nash, Donna J.; Williams, Patrick Ryan; deFrance, Susan D.; Miranda, Ana; and Ruales, Mario.  
2005 Burning down the brewery: Establishing and evacuating an ancient imperial colony at Cerro Baúl, Peru. *PNAS*, 102 (48): 17264-71.
- Muñoz O., Ivan  
1985 Introducción al Estudio de las Poblaciones Costeras durante la Etapa Arcaica en el Norte de Chile. *Anthropologica* 3: 263-285.
- Muñoz O., Ivan  
2001 Uso de plantas en rituales funerarios del período Formativo en Arica. . *Chiungará* 33(1): 155-160.
- Muñoz, Ivan and Chacama, Juan.  
1993 *Patrón de Asentamiento y cronología del Sitio Acha 2*. In Ivan Muñoz Ovalle, Bernardo Arriaza Torres, and Arthur Aufderheide (eds.), *Acha 2 y los Orígenes del Poblamiento Humano en Arica*. Arica, Chile: Ediciones Universidad de Tarapacá.
- Muscio, Hernán Juan.  
2001 Una Revisión Crítica del Arcaico Surandino Universidad de Buenos Aires Facultad de Filosofía y Letras Departamento de Antropología Trabajo preparado

en forma original para la Cátedra Fundamentos de Prehistoria. (Mimeographed).

Navarro, Jorge M and Torrijos, Ricardo.

1994 Seasonal variation in oxygen uptake and ammonia excretion in the predatory gastropod *Concholepas concholepas* (Bruguière 1789). *Comparative Biochemistry and Physiology*, Vol 108A (1): 39-46.

Núñez E., Sergio; Letelier P., Jaime; Donoso Q., David; Sepúlveda O., Aquiles and Arcos R., Dagoberto.

2004 Relating spatial distribution of Chilean jack mackerel eggs and environmental factors in the oceanic waters off Chile. *Gayana* 68 (2): 444-449.

Núñez, A. Lautaro.

1983 Paeloindian and Archaic Cultural Periods in the Arid and Semiarid Regions of Northern Chile. *Advances in World Archaeology* 2: 161-203.

—

2000 Hacia la Producción de Alimentos y la Vida Sedentaria (5.000 a. C. a 900 d. C.). In J. Hidalgo L., V. Schiappacasse F., H. Niemeyer F., C. Adulante Del S. and I. Solimano R. (eds.), *Culturas de Chile: Prehistoria Desde De Sus Orígenes Hasta Los Albores De La Conquista*. Santiago: Editorial Andrés Bello, pp. 81-106.

Núñez, Lautaro and Hall, Henri J.

1982 Analisis de Dieta y Movilidad en un Camapamento Arcaico del Norte de Chile. *Bulletin de l'Institut Français d'Études Andines* XI (3-4): 91-113.

Núñez, Lautaro, Grosjean, Martin and Cartajena, Isabel.

2010 Sequential analysis of human occupation patterns and resource use in the Atacama Desert. *Chungara* 42 (2): 363-391.

Núñez, Lautaro and Santoro, Calogero M.

2011 El tránsito arcaico-formativo en la Circumpuna y Valles Occidentales del Centro Sur Andino: hacia los cambios "neolíticos". *Chungara*, 43 (1): 487-530.

Núñez, L., M. Grosjean, and I. Cartajena

2010 Sequential Analysis of Human Occupation Patterns and Resource Use in the Atacama Desert. *Chungara* 42 (2): 363-391.

Ojeda, F. P., F. A. Labra, and A. A. Munoz

2000 Biogeographic patterns of Chilean littoral fishes. *Revista Chilena De Historia Natural* 73 (4): 625-641.

Olguín, Andrés, and Aranda. G. Jerez

2003 Chile. Especies Bentónicas de Importancia Comercial. Valparaíso: Instituto de Fomento Pesqueiro 1.

- Ortega, Cristina et al.  
2012 Major hydrological regime change along the semiarid western coast of South America during the early Holocene. *Quaternary Research*, 78 (3): 513–52.
- Ortlieb, Luc; Vargas, Gabriel; Saliège, Jean-François.  
2011 Marine radiocarbon reservoir effect along the northern Chile–southern Peru coast (14–24°S) throughout the Holocene. *Quaternary Research* 75 (2011): 91–103.
- Osorio C.; Atria J. and S. Mann.  
1979 Moluscos marinos de importancia económica en Chile. *Biología Pesquera* 11: 3-47.
- Osorio, Daniela et al.  
2011 Hakenasa Cave and its relevance for the peopling of the southern Andean Altiplano. *Antiquity* 85: 1194-1208.
- Ota, Yoko. and Paskoff, Roland. 1993. Holocene deposits on the coast of north-central Chile: radiocarbon ages and implications for coastal changes. *Revista Geológica de Chile* 20 (1): 25-32.
- Pardo B., Oriana and Pizarro T., Jose L.  
2005 *Especies Botánicas consumidas por los Chilenos Prehispánicos*. Santiago, Editorial Mare Nostrum, Colección Chile Precolombino. 228 pp.
- Parsons, Mary Hrones  
1970 Pre-ceramic Subsistence on the Peruvian Coast. *American Antiquity* 35 (3): 292-304.
- Pearsall, Deborah M  
2008 Pearsall, Deborah M. 2008. Plant Domestication and the Shift to Agriculture in the Andes. . In H. Silverman and W.H. Isbell (eds.), *Handbook of South American Archaeology*. New York : Springer, pp. 105-120.
- Peel, M. C., Finlayson, B. L., and McMahon, T. A.  
2007 Updated world map of the Köppen-Geiger climate classification, *Hydrol. Earth Syst. Sci. Discuss.* 4: 439-473.
- Piperno, Dolores R.  
2006 *Phytoliths: a comprehensive guide for archaeologists and paleoecologists*. Lanham, MD: AltaMira Press.
- Piperno, Dolores R. and Stothert, Karen E.  
2003 Phytolith evidence for early Holocene *Cucurbita* domestication in Southwest Ecuador. *Science* 299: 1054-1057.
- Pöhlmann, R. y K. Reiche.

1900 *Beiträge zur Kenntnis der Flora der Flussthäler Camarones und Vitor und ihres Zwischenlanden (19° s. Br.)*. Verhandlungen des Deutschen Wissenschaftlichen Vereins zu Santiago 4: 263-305.

Pohlmann, R., and K. Reiche

1980 Contribution to the knowledge of the flora of the river valleys Camarones and Vitor and land between (19 deg. S latitude). *The Chileans* 11 (38): 157-163.

Pozorski, Sheila and Pozorski, Thomas. 2008. Early Cultural Complexity on the Coast of Peru. In H. Silverman and W.H. Isbell (eds.), *Handbook of South American Archaeology*. New York : Springer, pp. 607-631.

Price, T. Douglas and Brown, James A.

1985 Aspects of Hunter-Gatherer Complexity. In T. Douglas Price and James A. Brown (eds.). *Pre-historic Hunter-Gatherers: The Emergence of Complexity*. Orlando: Academic Press, pp 3-20.

Price, T. Douglas, Anne Birgitte Gebauer, and School of American Research (Santa Fe N.M.)

1995 *Last hunters, first farmers: new perspectives on the prehistoric transition to agriculture*. Santa Fe, N.M.: School of American Research Press : Distributed by the University of Washington Press.

Quezada, J., J. L. Cerda, and A. Jensen

2010 Efectos de la tectónica y el clima en la configuración morfológica del relieve costero del norte de Chile. *Andean Geology* 37 (1): 78-109.

Quilter, Jeffrey and Stocker, T.

1983 Subsistence Economies and the Origins of Andean Complex Societies. *American Anthropologist* 85 (3): 545-562.

Quilter, Jeffrey.

1985 Architecture and Chronology at El Paraíso, Peru. *Journal of Field Archaeology*, (12): 279-297.

Quilter, Jeffrey.

1989 *Life and Death at Paloma: Society and Mortuary Practices in a Preceramic Peruvian Village*. University of Iowa Press, Iowa City.

Quinn, W. H.; Neal, V. T.; Antunez de Mayolo, S. E.

1987 El Niño occurrences over the past for and a half centuries. *Journal of Geophysical Research* 92 (C13): 14.449-14.461.

Quilter, Jeffrey; Ojeda E., Bernardino; Pearsall, Deborah M.; Sandweiss, Daniel H.; Jones, John G.; Wing, Elizabeth S.

- 1991 Subsistence Economy of El Paraíso, an Early Peruvian Site. *Science, New Series* 251 (4991): 277-283.
- Quitmyer, Irvy R.; Jones, Douglas S. and Arnold, Wilian S.  
 1997 The Sclerochronology of Hard Clams, *Mercenaria* spp., from the South-Eastern U.S.A.: A Method of Elucidating the Zooarchaeological Records of Seasonal Resource Procurement and Seasonality in Prehistoric Shell Middens. *Journal of Archaeological Science* 24: 825-840.
- Quitmyer, Irvy R.; Jones, Douglas S and Andrus, Fred T.  
 2005 Seasonal collection of coquina clams (*Donax variabilis* Say, 1822) during the Archaic and St. Jones Periods in coastal northeast Florida. In Daniella E. Bar-Yosef Mayer (ed.), *Archaeomalacology: Molluscs in former environments of human behaviour*. Oxford: Oxbow Books, pp. 18-28.
- Quitmyer, Irvy R. and Jones, Douglas S.  
 2012 Annual incremental shell growth patterns in hard clams (*Mercenaria* spp.) from St. Catherines Island, Georgia: a record of seasonal and anthropogenic impact on zooarchaeological resources. Elizabeth J. Reitz; Irvy R. Quitmyer and David H. Thomas (eds.), *Seasonality and Human Mobility Along the Georgia Bight*. New York : American Museum of Natural History. Anthropological Papers 97: 135-148.
- Rabí, Miguel and Marabí, Carol.  
 1997 Growth curves and specific growth rate of *Concholepas concholepas* (Bruguière, 1789) (Gastropoda: Muricidae) in culture experiments. *Scientia Marina*, 61 (2): 49-53.
- Rabí R., Miguel; Yamashiro G., Carmen and Quiroz R., Marco.  
 1996 Revisión de la Biología y Pesquería del Recurso Chanque *Concholepas concholepas* (Bruguière, 1789) (MOLLUSCA: GASTROPODA: MURICIDAE). Instituto del Mar del Peru, Informe Progressivo 31: 3-23.
- Rademaker, K.; Bromley, G. R. M. and Sandweiss, D. H.  
 2013 Peru archaeological radiocarbon database, 13,000-7,000 14C B.P. *Quaternary International* 301: 34-45.
- Ramírez, Rina; Paredes, Carlos and Arenas, José.  
 2003. Moluscos del Perú. *Revista de Biología Tropical* 51 (3): 225-284.
- Ramorino M., Luis.  
 1975 Ciclo Reproductivo de *Concholepas Concholepas* en la Zona de Valparaiso. *Rev. Biol. Mar.*, Valparaiso, 15 (2): 149-177.
- Ramorino, L.



- 1979 Conocimiento científico actual sobre reproducción y desarrollo de Concholepas concholepas (Mollusca: Gastropoda: Muricidae). *Biología Pesquera. Chile* 12: 59-70.
- Rasmussen, K.  
1998 Exploring the Origin of Coastal Sedentism in the South Central Andes. Doctoral Dissertation, Department of Anthropology, Santa Bárbara : University of California (unpublished)
- Raymond, J. Scott  
1981. The Maritime Foundations of Andean Civilization: A Reconsideration of the Evidence. *American Antiquity* 46(4): 806-821.
- Reeves et al.  
2008 UCN 2011. *IUCN Red List of Threatened Species*. Version 2011.1.
- Reiche, Karl.  
1894-1911 *Estudios Críticos sobre la Flora de Chile*, Anales de Universidad de Chile.  
—  
1905 *Flora de Chile. Santiago de Ghile*. Imprenta Cervantes. Tomo 4, 489 pp.
- Rein, Bert; Lückge, Andreas; Reinhardt, Lutz; Sirocko, Frank; Wolf, Anja and Dullo, Wolf-Christian.  
2005 El Niño variability off Peru during the last 20,000 years. *Paleoceanography* 20 (4): 1-17.
- Reinhard, K. and Urban, O.  
2003 Diagnosing ancient diphyllbothriasis from Chinchorro mummies. *Memorias do Instituto Oswaldo Cruz* 98, 191–193
- Reinhard, Karl J. and Bryant, Vaughn M.  
2008 Pathoecology and the Future of Coprolite Studies in Bioarchaeology. In Ann W. M. Stodder. (ed.), *Reanalysis and Reinterpretation in Southwestern Bioarchaeology*. Tempe : Arizona State University Press, pp 199-216.
- Reinhard, Karl J., Luiz Fernando Ferreira, Françoise Bouchet, Luciana Sianto, J. M. F. Dutra, Alena Iniguez, Daniela Leles et al.  
2013 Food, parasites, and epidemiological transitions: a broad perspective. *International Journal of Paleopathology* 3 (3): 150-157
- Reitz, Elizabeth J.  
1988 Faunal Remains from Paloma, An Archaic Site in Peru. *American Anthropologist* 90: 310-322.
- Reitz, Elizabeth J.

- 2001 Fishing in Peru between 10 000 and 3750 BP. *International Journal of Osteoarchaeology* 11 (1-2) : 163-171.
- Reitz, Elizabeth J.; Quitmyer, Irvy R. and Thomas, David H. (eds.) 2012. *Seasonality and Human Mobility Along the Georgia Bight*. New York, American Museum of Natural History. Anthropological Papers 97, pp. 236.
- Revedin, A., et al.  
2010 Thirty thousand-year-old evidence of plant food processing. *Proc Natl Acad Sci* 107 (44):18815-9.
- Richardson, C. A.  
2001 Molluscs as Archives of Environmental Change. *Oceanography and Marine Biology: an Annual Review*, 39: 103-164.
- Richardson, Jamens B., III.  
1981 Modeling the development of sedentary maritime economies on the coast of Peru: A preliminary statement. *Annals of Carnegie Museum of Natural History* 50 (5): 139–150.
- Richardson, James B., III.  
1998 Looking in the Right Places: Pre-5,000 B. P. Maritime Adaptations in Peru and the Changing Environment. *Revista Arqueología Americana*, 15: 33-56
- Rivera, M. (sd/mimeo). *Expedition realized by the Instituto de Antropología de la Universidad de Tarapacá and the Grupo Aves y Mamíferos Marinos del Instituto de Investigaciones Oceanológicas de la Universidad de Antofagasta*; Mario A Rivera y George Portflit (directors, 1984) Mimeograph report.
- Rivera, Mario A.  
1984 Cuatro Fechas Radiocarbonicas para Sitios Arqueológicos del Litoral Norte de Chile. In *Revista Nuestro Norte*. Instituto Profesional de Iquique, pp. 5-11.
- Rivera, Mario A.  
1991 The Prehistory of Northern Chile: A Synthesis. *Journal of World Prehistory*, 5 (1): 1-47.
- Rivera, Mario A.  
2002 *Historias del Desierto Arqueología del Norte de Chile*. In Editorial de Norte, La Serena, Chile.
- Rivera, M. A. and Rothhammer, F.  
1991 The Chinchorro people of Northern Chile 5000 BC-500 BC, a review of their culture and relationships. *International Journal of Anthropology* 6 (3): 243-255.

- Rivera, Mario A. and Aufderheide, Arthur C.  
 1998 Camarones y Pisagua, dos casos de adaptación al medio marítimo y su coexistencia con pueblos de extracción altiplánica (1500-500 AC). In Salazar Sáenz et al. (eds.), *BAS. 50 Años de Estudios Americanistas en la Universidad de Bonn*. Germany: Universitat Bonn.
- Rocek T. R. and O. Bar-Yosef (eds.)  
 1998 Seasonality and Sedentism: Archaeological Perspectives from Old and New World Sites. *Peabody Museum Bulletin* 6. Peabody Museum, Harvard University.
- Rodriguez, J. M. Chacama and Muñoz Ovalle., Ivan R.  
 2001 Patrón Funerario Pre-Chinchorro en un Contexto de Semi Sedentarismo y Complementariedad Ecológica. El Sitio Acha-2, Extremo Norte de Chile CA. 9.500 – 10.000 Años A.P. *Chugará* (33) 1: 51-54.
- Romero, Oscar Zuñiga.  
 2002 *Moluscos. Guia de Biodiversidad, Macrofauna y Algas Marinas*. Antofagasta: Centro Regional de Estudios y Educación Ambiental, 1 (1), pp. 79.
- Rotz, Ruedi, et al.  
 2005 Assessing the age of relief growth in the Andes of northern Chile: Magneto-polarity chronologies from Neogene continental sections. *Terra Nova* 17(5): 462-471.
- Rowley-Conwy, Peter.  
 2001 Time, change and the archaeology of hunter-gatherers: how is the ‘Original Affluent Society’? In Chaterine Panter-Brick, Robert H. Layton and Peter Rowley-Conwy (eds.), *Hunter-gatherers: an interdisciplinary perspective*, Cambridge : University Press 341: 39-72.
- Rundel, P.W., Dillon, M.O., Palma, B., Mooney, H.A., Gulmon, S.L. and Ehleringer, J.R.  
 1991 The phytogeography and ecology of the coastal Atacama and Peruvian deserts. *Aliso* 13 (1): 1-50.
- Rundel, P. W., et al.  
 2007 Arid and Semi-Arid Ecosystems. In T.T. Veblen, K.R. Young, and A.R. Orme (eds.), *The physical geography of South America*. Oxford: University Press, pp. 158-183.
- Russo, Michael.  
 1998 Measuring Sedentism with Fauna: Archaic Cultures along the Southwest Florida Coast. In Thomas R. Rocek and Ofer Bar-Yosef (eds.), *Seasonality and Sedentism: Archaeological Perspectives from Old and New World Sites*. Washington: Smithsonian Institution Press: 143-164.

- Saez, Sylvia, and Germán. Pequeño  
 2009 Clave Taxonomica, Actualizada, Ilustrada y Comentada de los Peces de la Familia LABRISOMIDAE de Chile (PERCIFORMES, BLENNIOIDEI).  
[http://www.scielo.cl/scielo.php?script=sci\\_arttext&pid=S0717-65382009000100016&lng=es&nrm=iso](http://www.scielo.cl/scielo.php?script=sci_arttext&pid=S0717-65382009000100016&lng=es&nrm=iso).
- Sandweiss, D. H.  
 2003 Terminal Pleistocene through Mid-Holocene archaeological sites as paleoclimatic archives for the Peruvian coast. *Palaeogeography, Palaeoclimatology, Palaeoecology* 194: 23-40.
- Sandweiss, D. H.  
 2008 Early Fishing Societies in Western South America. Environments. In H. Silverman and W.H. Isbell (eds.), *Handbook of South American Archaeology*. New York: Springer, pp 145-156.
- Sandweiss, D., J. Richardson, E. Reitz, J. Hsu, and R. Feldman.  
 1989 Early maritime adaptations in the Andes: preliminary studies at the ring site, Peru'. In S. Rice, C. Stanish, and P. R. Scarr (eds.), *Ecology Settlement and History in the Osmore Drainage, Peru, Part I*. Oxford: BAR International Series 545 (i): 35-84.
- Sandweiss, D. H.; Richardson III, J. B.; Reitz, E. J.; Rollins, H. B.; Maasch, K. A.  
 1996 Geoarchaeological Evidence from Peru for a 5000 Years B.P. Onset of El Niño. *Science* 273: 1531-1533.
- Sandweiss, D., Maasch, K. and D. G. Anderson.  
 1999 Transitions in the Mid-Holocene. *Science* 283: 499-500.
- Sandweiss, D.H., McInnis, H.; Burger, R.L.; Cano, A.; Ojeda, B.; Paredes, R.; Sandweiss, M.C.; Glascock, D.  
 1998 Quebrada Jaguay: Early South American maritime adaptations. *Science* 281: 1830-1832.
- Sandweiss, D. H.; Maasch, K. A.; Andrus, C. F. T.; Reitz, E. J.; Richardson III, J. B.; Riedinger-Whitmore, M.; and Rollins, H. B.  
 2007 Mid-Holocene climate and culture change in coastal Peru. In: D. G. Anderson, K. A. Maasch and D. H. Sandweiss (eds.), *Climate change and cultural dynamics a global perspective on mid-Holocene transitions*. New York: Elsevier, pp. 25-50.
- Sandweiss, D. H. and Richardson III, J. B.  
 2008 Central Andean Environments. In H. Silverman and W.H. Isbell (eds.), *Handbook of South American Archaeology*. New York: Springer, pp 145-156.

- Santoro, Calogero M. Arriaza, Bernardo T., Standen, Vivien G., Marquet, Pablo A.  
2004 - Final Proof . People of the Coastal Atacama Desert Living Between Sand Dunes and Waves of the Pacific Ocean. In P. Veth and M. Smith (eds.), *Desert Peoples: Archaeological Perspectives*. UK: Blackwell Publishers, pp 243-260
- Santoro, C.M., Arriaza, B.T., Standen, V.G. and Marquet, P.A. 2005.  
People of the coastal Atacama desert: living between sand dunes and waves of the Pacific Ocean. In P. Veth and M. Smith (eds.), *Desert Peoples: Archaeological Perspectives*. UK: Blackwell Publishers, pp 243-260.
- Santoro, C. M. et al.  
2011 Ocupación Humana Pleistocénica en el desierto de Atacama – Primeros Resultados de la Aplicación de un Modelo Predictivo de Investigación Interdisciplinaria. *Chungará* 43: 353-366
- Santoro, C. M.; Rivadanera, M. M.; Latorre, C.; Rothhammer, F. and Standen, V. G.  
2012. Rise and decline of Chinchorro sacred landscapes along the Hyperarid coast of the Atacama Desert. *Chungará* 44 (4): 637-653.
- Scarry, C. Margaret and Hollenbach, Kandace D.  
2012 What can plants and plant data tell us about seasonality? In: Elizabeth J. Reitz, Irvy R. Quitmyer, and David H. Thomas, (eds.), *Seasonality and Human Mobility Along the Georgia Bight*. New York: American Museum of Natural History Anthropological Papers, 97: 187-198
- Schell-Ybert, Rita.  
2001 Man and Vegetation in Southeastern Brazil during the Late Holocene. *Journal of Archaeological Science* 28: 471-480.
- Schiappacasse, V. and Niemeyer, H.  
1975 Apuntes para el estudio de la transhumancia en el valle de Camarones (provincia de Tarapacá, Chile). *Estudios Atacameños* 3: 49-52
- Schiappacasse F., Virgilio, and Hans Niemeyer F.  
1984. Descripción y análisis interpretativo de un sitio arcaico temprano en la Quebrada de Camarones. *Publicación Ocasional* N° 41. Santiago: Museo Nacional de Historia Natural y Universidad de Tarapacá.
- Schick, Mélica Muñoz.  
1991 *Flores del Norte Chico*. Dirección de Bibliotecas Archivos y Museos, Chile, 95 pp.
- Sepulveda, M. A., A. L. R. Guevara, and L. Briones  
2005 Caravans, rock art and ritualism in the Quebrada Suca (Northern Chile). *Chungara* 37 (2): 225-243.

- Shady Solis, Ruth; Haas, Jonathan; Creamer, Winifred .  
2001 Dating Caral, a Pre-ceramic Site in the Supe Valley on the Central Coast of Peru. *Science* 292: 723–726.
- Shott, Michael.  
1986 Technological organization and settlement mobility: an ethnographic examination. *Journal of Anthropological Research*, pp 15-51.
- Sielfeld et al.  
2002 Warm ENSO Events and their Effects on the Coastal Fish Fauna of Northern Chile. *Investigaciones Marinas* 30 (1): 122-124.
- Standen, Vivian.  
1997 Temprana complejidad funeraria de la cultura Chinchorro (norte de Chile). *Latin American Antiquity* 8 (2): 134-156.
- Standen, Vivien G.  
2003 Bienes Funerarios del Cementerio Chinchorro Morro 1: Descripción, Análisis e Interpretación. *Chungará* 35 (2), 175-207.
- Standen, V.; Arriaza, B. and Santoro, Calogero M.  
1997 External Auditory Exostosis in Prehistoric Chilean Populations: A Test of the Cold Water Hypothesis. *American Journal of Physical Anthropology* 103: 119-129.
- Standen, V. and Arriaza, B.  
1999 Traumas en las Poblaciones Chinchorro (Costa Norte de Chile): ¿Violencia o Situaciones Accidentales? *Chungara* 29: 133-150.
- Standen, Vivien G.; Santoro, Calogero M. and Arriaza, Bernardo T.  
2004 Síntesis y Propuestas para el Período Arcaico en la Costa del Extremo Norte de Chile. *Chungara*, Revista de Antropología Chilena. Volumen Especial: 201-212.
- Standen, Vivien G. and Santoro, Calogero M.  
2004 Patrón funerario arcaico temprano del sitio Acha-3 y su relación con Chinchorro: Cazadores, pescadores y recolectores de la costa norte de Chile. *Latin American Antiquity* 15 (1): 89-109.
- Stern, Charles R., et al.  
2007 Chilean volcanoes. In T. Moreno and W. Gibbons (eds.), *The geology of Chile* . London: Geological Society, pp. 147-178.
- Stoohert, Karen E.

- 1985 The preceramic Las Vegas culture of coastal Ecuador. *American Antiquity* 50: 613-637.
- Stothert, Karen E.  
1988 La prehistoria temprana de la península de Santa Elena, Ecuador: cultura Las Vegas. *Miscelánea Antropológica Ecuatoriana, Serie Monográfica* 10
- Stothert, Karen E.; Piperno, Dolores R. and Andres, Thomas C.  
2003 Terminal Pleistocene/Early Holocene human adaptation in coastal Ecuador: the Las Vegas evidence. *Quaternary International* 109–110: 23-43.
- Stotz, Wolfgang et al.  
2000 Formulacion de una Metodologia para el Estudio de Edad y Crecimiento en el Recurso Loco. Universidad Catolica del Norte, *Proyecto FIP* no. 97-36.
- Stuardo, J.  
1979 Sobre la clasificación, distribución, y variación de *Concholepas concholepas* (Bruguière, 1789): un estudio de taxonomía beta. *Biología pesquera* (Chile) 12: 99-144.
- Thiel, M., et al.  
2007 The Humboldt Current System of northern and central Chile. *Oceanography and Marine Biology: An Annual Review*, 45: 195-344.
- Thompson, Ida, D. S. Jones, and D. Dreibelbis.  
1980 Annual internal growth banding and life history of the ocean quahog *Arctica islandica* (Mollusca: Bivalvia). *Marine Biology* 57: 25-34.
- Thompson, V. D. and Andrus, C.F.T.  
2011 Evaluating mobility, monumentality, and feasting at the Sapelo Island Shell Ring Complex. *American Antiquity* 76 (2): 315–344.
- Urban, H.-Jörg.  
1994 Upper temperature tolerance of ten bivalve species off Peru and Chile related to El Niño. *Marine Ecology Progress Series* 107: 139-145.
- Urban, H.-Jörg and Campos, Bernardita.  
1994 Populations dynamics of the bivalves *Gari solida*, *Semele solida* and *Protothaca thaca* from a small bay in Chile at 36° S. *Marine Ecology Progress Series* 115, pp 93-102.
- Vásquez, J. A.  
2008 Production, use and fate of Chilean brown seaweeds: re-sources for a sustainable fishery. *J. Appl. Phycol.* 20: 457-467.
- Vasquez, J. A. and Santelices, B.

- 1990 Ecological effects of harvesting *Lessonia* (Laminariales, Phaeophyta) in central Chile. *Hydrobiologia*, 204/205: 41-47.
- Vargas, G. and Ortlieb, L.  
1998 Patrones de Variaciones Climáticas Durante el Cuaternario Tardío de la Costa de la Región de Antofagasta, Chile. *Bull. Inst. Fr. Études Andines*, 27 (3): 385-394.
- 
- 2001 Debris flow deposits and El Niño events through the Holocene on the hyper-arid coast of Atacama Desert, Northern Chile. In Julio Betancourt, and Geoffrey Seltzer (eds.), *Paleoclimatology of the Central Andes Workshop, Presentation Abstracts*. Arizona: NSF-Earth System History and InterAmerican Institute.
- Vargas, G., J. Rutllant, and L. Ortlieb.  
2006 ENSO tropical-extratropical climate teleconnections and mechanisms for Holocene debris flows along the hyperarid coast of western South America (17 degrees-24 degrees S). *Earth and Planetary Science Letters* 249 (3-4): 467-483.
- Veblen, Thomas T., Kenneth R. Young, and A. R. Orme  
2007 *The physical geography of South America*. Oxford: University Press.
- Veblen, Thomas T., Robert S. Hill, and Jennifer Read (eds).  
1996 *The ecology and biogeography of Nothofagus forests*. Yale University Press.
- Viacava, et.al.  
1978 Estudio del camarón en el Perú. *Bol. Inst. Mar del Perú* 3 (5): 165-232.
- Villagrán M, Carolina, Victoria Castro R.  
2004 *Ciencia indígena de los Andes del norte de Chile*. Programa Interdisciplinario de Estudios en Biodiversidad (PIEB), Universidad de Chile. Santiago de Chile: Editorial Universitaria, S.A.
- Viviani, C.A.  
1979 Ecogeografía del litoral chileno. *Studies on Neotropical Fauna and Environment* 14: 65-123.
- Whaples, Laura.  
1994. Laying Bare One's Soul: The Literary Philosophy of Intimism. URL.: <http://dpcc.com/lpetix/intimism.html>
- Willey, Gordon R.  
1971 An Introduction to American Archaeology, vol. II, South America. Englewood Cliffs, NJ, Prentice Hall.
- Wise, Karen.



1999 Kilómetro 4 y la ocupación del período Arcaico en el area de Ilo, al sur de Perú. In Peter Kaulicke (ed.), *El Periodo Arcaico en el Perú: Hacia una Definición de los Orígenes*. Boletín de Arqueología PUCP 3. Lima: Pontificia Universidad Católica del Perú, pp. 335–363.

Wolff, Matthias.

1989. Estimates of growth, mortality and recruitment of the loco Concholepas concholepas (Bruguière, 1789) derived from a shell mound in northern Chile." *Studies on Neotropical Fauna and Environment* 24 (2): 87-96.

Yates, Lorenzo Gordin.

1899 *The evolution of fish-hooks*. Popular Science News, Archaeology 33: 57-58.

Yesner, D. 1980. Maritime hunter-gatherers: Ecology and prehistory. *Current Anthropology* 21: 727–50.