

[Basin-Delta  
Mothersite](#)

[Salton Sea Home Page](#)

[By Author](#)

Note: This bibliography was initially developed for an SDSU course on the ecology of the Colorado River delta region. Unbeknownst to many this includes the region with Indio, Yuma and San Felipe at its vertices (see [endpiece map](#) in Sykes, 1937). The bibliography is being expanded with new topical headings and eventually each citation will be annotated or accompanied by its abstract or summary. Click on the link at the upper right for alphabetized bibliography.

## Topical Bibliography

# Salton Sea Basin and Colorado Delta Region

---

## Contents

- [General](#)
- [River Hydrology, Water Use and Water Politics](#)
- [Geology and Geothermal Power](#)
- [Salton Sea](#)
- [Creeks, Canals and Drains](#)
- [Human Geography and History](#)
- [Lower Colorado Delta, Estuary and Northern Gulf of California](#)
- [River Fish and River Ecology](#)
- [Laguna Maculata](#)
- [Reservoir Limnology](#)
- [Terrestrial and Riparian Ecosystems](#)
- [Agriculture and Aquaculture](#)
- [Parallel Regions](#)

## GENERAL

Adams, V.D. and V.A. Lamarra (eds.). 1983. Aquatic Resources Management of the Colorado River Ecosystem. Ann Arbor Science Publ., Ann Arbor, Michigan. 697 pp.

Baxter, R.M. 1977. Environmental Effects of Dams and Impoundments. Annu. Rev. Ecol. Syst. 8:255-283.

Brown, J.S. 1923. The Salton Sea Region, California. US Geol. Surv., Water Supply Paper 497:34.

Coleman, J.M. and L.D. Wright. 1971. Analysis of Major River Systems and Their Deltas: Procedures and Rationale, with Two Examples. Louisiana State Univ. Press, Coastal Studies Ser. No. 28. 125 pp.

- Donley, M.W., S. Allan, P. Caro, and C.P. Patton. 1979. Atlas of California. Pacific Book Center, Culver City, California. 191 pp.
- Findley, R. 1973. The bittersweet waters of the lower Colorado. *Nat. Geogr. Mag.* 144:540-569.
- Fradkin, P.L. 1984. A river no more: The Colorado River and the West Univ. Arizona Press, Tucson. 360 pp.
- Ganster, P. and H. Walter (eds). 1990. Environmental hazards and bioresource management in the United States - Mexico borderlands. UCLA Latin American Center Publications, Univ. California, Los Angeles. 483 pp.
- Johnson, R.R. 1977. Synthesis and management implications of the Colorado River Research Program. Grand Canyon National Park, Colorado River Research Series, Contrib. No. 47. 75 pp. [include summaries of many research projects on ecology, recreation management, etc., plus bibliographies].
- Lopez P., y M. Ramos, eds., 1982. El medio ambiente en México: Temas, problemas y alternativas. Fondo de Cultura Económica, Mexico.
- Oakeshott, G.B. 1978. California's Changing Landscapes. McGraw-Hill, New York.
- Peterson, D.F. and A.B. Crawford (eds). 1978. Values and choices in the development of the Colorado River basin. Univ. Arizona Press, Tucson, XVI. 388 pp.
- Russell, R.J. 1967. River and delta morphology. Louisiana State Univ. Press, Baton Rouge. 55 pp.
- Rzoska, J. (ed.). 1976. The Nile: Biology of an Ancient River. W. Junk, The Hague. 417 pp.
- Schumm, S.A. 1972. River Morphology (Benchmark Papers in Geology) Dowden, Hutchinson, and Ross, Inc., Stroudsburg, PA. 429 pp.
- Sykes, G. 1937. The Colorado Delta. Carnegie Inst. Washington, Pub. No. 460. 193 pp.
- US Dept. of Interior. 1980. The California Desert Conservation Area: Final Environmental Impact Statement and Proposed Plan. Bur. Land Management, US Dept. Interior. (First volume includes the plan; Volumes A-G contain appendices).
- US Dept. of Interior. 1987. Recreation area management plan and environmental assessment for the Imperial San Dunes. USDI, Bur. Land Mgmt., El Centro Resource Area, CA. Pub. Index No. BLM-CA-PL-87-001/8320.
- USA/Mexico. 1946. Treaty between the United States of America and Mexico: Utilization of Waters of the Colorado and Tijuana Rivers and of the Rio Grande. US Govt. Printing Office, Washington, DC. 57 pp.
- Waters, F. 1946. The Colorado. Rinehart & Co., N.Y. 400 pp.
- Whitton, B.A. 1975. River Ecology. Univ. Calif. Press, Berkeley. 725 pp.
- Worster, D. 1985. Rivers of Empire: Water, Aridity and the Growth of the American West. Pantheon Books, New York. 402 pp.

Wyoski, R.S., K. Gilbert, K. Seethaler, C.W. McAda, J.A. Wydoski. 1980. Annotated bibliography for aquatic resource management of the Upper Colorado River ecosystems. US Fish Wildl. Serv., Resource Publ. 135, 186 pp.

Yates, R. and M. Marshal. 1974. The Lower Colorado River: A Bibliography. Arizona Western College Press, Yuma. 153 pp.

## **RIVER HYDROLOGY, WATER USE AND WATER POLITICS**

Applegate, R. 1986. World's largest RO desalting facility to salvage 72.4 mgd. Waterworld News, May/June 1986, pp. 17-19.

Basich, A.G. 1984. El Rio Colorado y sus crecientes. Calafia (Univ. Aut. Baja California, Ensenada). 5(2):

Blaney, H.F. 1952. Determining evapotranspiration by phreatophytes from climatological data. US Geol. Surv. 33:61-66.

Bowser, C.W. 1950. Water Conservation through elimination of undesirable phreatophyte growth. Trans. Amer. Geophys. Union 33:72-74.

Boyle, R.H., J. graves, and T.H. Watkins. 1971. The Water Hustlers. Sierra Club, San Francisco, CA. 253 pp.

Bureau of Reclamation. 1984. Colorado River Basin Salinity Control project, Desalting Complex Unit, Title I Division (under construction). Bur. Reclam., U.S. Dept. Interior Lower Colorado Region. 8 pp.

California Water Plan Update. 1994. California Department of Water Resources, Bulletin 160-93, Oct. 1994. [Two volume -- comprehensive statement of current and projected water demands and water supplies in California].

Colorado River Board of California. 1937-present Annual Report. The Resources Agency, Colorado River Board of California, Los Angeles. [Issued annually, but with a few years' delay. It is a yearly summary of river condition, operations, litigation, etc.]

Colorado River Board of California. 1970. Need for controlling salinity of the Colorado River. The Resources agency, Colorado River Board of California, Los Angeles. 89pp.

Colorado River Board of California. 1979. California's Stake in the Colorado River. CRBC, Los Angeles, California. 28 pp. [This document is revised occasionally.] 16 page appendix is published as separate item and contains the Colorado River Act, various other acts and court decisions.[An earlier edition with the same title was published in 1969; 21pp + 4 appendices].

Dowd, M.J. 1956. History of Imperial Irrigation District and the development of Imperial Valley. Imperial Irrigation District, Imperial, California. 94 pp.

Engelbert, E.A. and A.F. Scheuring (eds). 1982. Competition for California Water. Univ. California Press, Berkeley. 208 pp.

Furnish, D.B., and J.R. Ladman. 1975. The Colorado River salinity agreement of 1973 and the Mexicali Valley. Natural Resources Journal 15:83-107.

- Getches, D.H. 1985. Competing demands for the Colorado River. *Univ. Colorado Law Review* 56:413-479.
- Hanson, J. 1977. Pumping billions into the desert. *Audubon* 79:133-145. [about the Central Arizona Project].
- Hazen, A. 1930. *Flood flows - a study of frequencies and magnitudes*. Wiley, New York. 183 pp.
- Hentschel, E. and V. Sanchez. 1986. *El agua en la region fronteriza Mexico-Estados Unidos*. Programa Desarrollo y Medio Ambiente, El. Colegio de Mexico, Documentos de Trabajo PDMA/86/03. Unpaginated.
- Heuvelmans, M. 1974. *The River Killers*. Stackpole Books, Harrisburg, PA. 224 pp.
- Hundley, N., Jr. 1966. *Dividing the Waters: A Century of Controversy Between The United States and Mexico*. Univ. Calif. Press, Berkeley. 266 pp.
- Holburt, M.B. 1982. International problems on the Colorado river. *Water supply and Management* 6:105-114.
- Holburt, M. B. 1984. The 1983 high flows on the Colorado River and their aftermath. *Water International* 9:99-105.
- Irelan, B. 1971. Salinity of surface water in the lower Colorado River - Salton Sea Area. *US Geol. Surv. Prof. Paper* 486-E. 40 pp.
- Jordan, D.H. and J.F. Friedkin. 1967. The International Boundary and Water Commission, United States and Mexico. *Proc. Intl. Conf. on Water for Peace (Washington, D.C., May 1967)*. 1-12 pp. [Description of origin and work of the commission].
- Kleinsorge, P.L. 1941. *The Boulder Canyon Project*. Stanford Univ. Press, Palo Alto, CA. 330 pp.
- Knowlton, C.S. (ed). 1968. *International water law along the Mexican-American border*. Southwestern and Rocky Mountain Division, Amer. Assoc. Adv. Sci., Committee on Desert and Arid Zones Research, Contrib. No. 11. 64 pp.
- Kubly, D.M. and G.A. Cole. 1977. Limnological research on the Colorado River and selected tributaries in Grand Canyon National Park. *Proc. First Conf. Sci. Res. Natl. Parks, National Park Service, Washington, DC*.
- La Rue, E.C. 1916. *Colorado River and its utilization*. US Geol. Surv., Water Supply Paper 395. 231 pp.
- La Rue, E.C. 1925. *Water power and flood control of Colorado River below Green River, Utah*. US Geol. Surv., Water Supply Paper 556.
- Lower Colorado River Basin Progress Report No. 4. 1995. Lower Colorado River Basin Technical Committee on the Tri-State Process.
- McCullough, C.A. and J.D. Vayder. 1974. *The California Water Plan: Outlook in 1974*. California Department Water Resources Bulletin No. 160-174 (full report and summary report).
- McDonald, C.C. and G.H. Hughes. 1968. Studies of consumptive use of water by phreatophytes and hydrophytes near Yuma, Arizona. *US Geol. Surv. Prof. Paper* 486-F. 24 pp.

Metzger, D.G., O.J. Loeltz, and B. Irelan. 1973. Geohydrology of the Parker-Blythe-Cibola area, Arizona and California. US Geol. Surv. Prof. Paper 486-G. 130 pp.

Staats, E.B. 1979. Colorado River Basin Water Problems: How to reduce their impact. Comptroller General's Report to the congress, Washington, DC. 137 pp. Includes 15 appendices.

Trava, J.L. 1986. Rio Colorado: Los excedentes de 1980. Centro de Estudios Fronterizos del Norte de Mexico, Tijuana, B.C., México. 66pp.

Staveley, G. 1966. Last days of the Colorado? *Outdoor Life* 38(1): 24-27, 70-73, 95.

Trava Manzanilla, J.L. and P. Ganster. 1986. Water supply and demand in the western region of the United States-Mexico borderlands. Unpub. manuscript. 33 pp. and tables.

US Dept. Interior. 1946. The Colorado River: A comprehensive report on the development of the water resources of the Colorado River basin for irrigation, power production, and other beneficial uses in Arizona, California, Colorado, Nevada, New Mexico, Utah and Wyoming. 295 pp. & large maps.

US Dept. Interior. 1975. Surface water supply of the United States, 1966-1970: Part 9. Colorado River Basin: Vol. 3. Lower Colorado River Basin. US Geol. Surv. Water Supply Paper 2126. 681 pp.

Water and Power Resource services. 1980. Colorado River front work and levee system. 24 pp. US Government Printing Office, Washington, DC. [Excellent description of the river south of Davis Dam, and all engineering work associated with it].

Water and Power Resources Services. 1980. All-American Canal System. 8 pp. US Govt. Printing Office, Washington, D.C. [Description of this canal, Imperial Dam, Coachella Canal, their development and operation].

## **GEOLOGY AND GEOTHERMAL POWER**

Anderson, 1973. Geology of the Playa San Felipe Quadrangle, B.C., Mexico. *Geol. Soc. Amer., Spec. Paper*. 121 pp.

Armitage, A. 1989. Composition of Holocene Colorado River Sand: An example of mixed-provenance sand derived from multipletectonic elements of the Cordilleran continental margin M.S. Thesis, San Diego State University, San Diego, CA.

Biehler, S. 1964. Geophysical Study of the Salton Trough of Southern California. Ph.D. thesis, California Institute of Technology, Pasadena. 139 pp.

Blake, W.P. 1907. Lake Cahuilla, the ancient lake of the Colorado Desert. *Nat. Geog. Mag.* 18:830.

Burnett, E. Kandl, and F. Croxen. 1993. Cienega de Santa Clara: geologic and hydrologic comments. U.S. Bureau of Reclamation, Yuma Projects Office, Yuma, Arizona.

Butler, E. W. and J.B. Pick. 1982. Geothermal energy development: problems and prospects in the Imperial Valley of California. Plenum Press, 361pp.

- Comision Federal de Electricidad (Mexico). 1981. Geothermal Project Cerro Prieto, Mexico. 24 pp.
- Comision Federal de Electricidad (Mexico). 1982. Central Geotermoelectrica de Cerro Prieto, Mexicali, Baja California. 24 pp.
- Crowell, J.C. 1974. Origin of late Cenozoic basins in Southern California. pp. In: W.R. Dickinson (ed)., Plate Tectonics and Sedimentation. Soc. Econ. Paleontol. Mineral, Tulsa. 204 pp.
- Crowell, J.C. 1984. Origin of late Cenozoic basins in Southern California. In Wrench Fault Tectonics A.G. Sylvester (ed). The American Association of Petroleum geologists, Tulsa, Oklahoma.
- Dibblee, T.W. 1954. Geology of the Imperial Valley region, California. Bull. Calif. Dept. Mines 170: 21-28.
- Dibblee, Jr., T.W. 1984b. Strike-slip tectonics of the San Andreas Fault and its role in Cenozoic basin development. In Wrench Fault Tectonics A.G. Sylvester (ed). The American Association of Petroleum Geologists, Tulsa, Oklahoma.
- Dickinson, W.R. 1974. Plate tectonics and sedimentation. 1-27 pp. In: Plate tectonics and sedimentation, W.R. Dickinson (ed). Soc. Econ. Paleontol. Mineral., Tulsa. 240 pp.
- Elders, W.A., R.W. Rex, T. Media, P.T. Robinson and S. Biehler. 1972. Crustal spreading in Southern California. Science 178: 15-24.
- Elders, W.A. (ed). 1979. Geology and geothermics of the Salton trough. Guidebook, Field Trip No. 7, Geol. Soc. Amer. 92d Annu. Mtg (San Diego, CA, November 1979). Campus Museum Contributions No. 5 (Univ. California, Riverside). 108 pp.
- Fitterman, D.V. and R.F. Corwin. 1982. Inversion of self-potential data from the Cerro Prieto geothermal field, Mexico. Geophysics 47: 938-945.
- Fuis, G.S. and W. M. Kohler. 1984. Crustal structure and tectonics of the Imperial Valley Region, California. In The Imperial basin-tectonics, sedimentation and thermal aspects. C.A. Rigsby (ed). Society of Economic Paleontologists and Mineralogists, Pacific Section, Los Angeles.
- Gastil, R.G., D. Krummenacher, J. Doupont, and J. Bushee. 1974. The batholith belt of Southern California and western Mexico. Pacific Geology 8:73-78.
- Gilmore, T.D. and R.O. Castle. 1983. Tectonic preservation of the divide between the Salton basin and the Gulf of California. Geology 11: 474-477.
- California State Lands Commission. 1976. Geothermal Investigations of California Submerged Lands and Spherical Flow in Naturally Fractured Reservoirs. A report prepared under the Federal Energy Administration Cooperative Agreement CA 12-50015-O for the California Energy Resources Conservation and Development Commission by personnel from the State Lands division and Lawrence Berkeley Laboratory. [methodology for measuring heat flow in lake surface sediments, with pilot data for Clear lake, Mono lake, and the Salton Sea.]
- Harris, M. E. 1991. Geology of Imperial County: A Bibliography, Friends of the Library: San Diego State University, San Diego, California

- Kovach, L.R., C.R. Allen, and F. Press. 1962. Geophysical investigations in the Colorado delta region. *J. Geophys. Res.* 67: 2845-2871.
- Larson R.L., H.W. Menard, and S.M. Smith. 1968. Gulf of California: A result of ocean-floor spreading and transform faulting. *Science* 161: 781-784.
- Lawrence Berkeley Laboratory. 1979. Proc. First Symposia on Cerro Prieto Geothermal Field, Baja California, Mexico (San Diego, CA, Sept. 1978). Report No. LBL-7098.
- LeConte, J.L. 1955. Account of some volcanic springs in the desert of the Colorado, in Southern California. *Amer. J. Sci.* 69: 1-6.
- Loeltz, O.J., B. Irelan, J.H. Robinson, and F.H. Olmsted. 1975. Geohydrologic reconnaissance of the Imperial Valley, California. *US Geol. Surv. Prof. Paper* 486-K. 54 pp.
- Lofgren, B.E. 1979. Measured crustal deformation in Imperial Valley, California. In *Geology and geothermics of the Salton Trough*, W.A. Elders (ed). Proceedings of the 92nd meeting of the Geological Society of America. (San Diego, Nov. 1979).
- Lyons, D.J. and P.C. Van de Kamp. 1980. Subsurface geological and geophysical study of the Cerro Prieto geothermal field, Baja California, Mexico. Lawrence Berkeley Laboratory Rep. No. LBL-10540.
- Metzger, D.G. and O.J. Loeltz. 1973. Geohydrology of the Needles area, Arizona, California, and Nevada. *U.S. Geol. Surv. Prof. Pap.* 486-J. 54 pp.
- McKee, E.D. 1939. Some types of bedding in the Colorado River delta. *J. Geol.* 47: 64-81.
- McKibben, M.A., J.P. Andes, Jr., and A.E. Williams. 1988. Active ore formation at a brine interface in metamorphosed delta lacustrine sediments: The Salton Sea geothermal system, California. *Economic Geology* 83: 511-523.
- McKibben, M.A., A.E. Williams, W.A. Elders, and C.S. Eldridge. 1987. Saline brines and metallogenesis in a modern sediment-filled rift: The Salton Sea geothermal system, California. *applied Geochemistry* 2: 563-578.
- Mercado, S. 1969. Cerro Prieto geothermal field, Baja California, Mexico (abstract). *Trans. Amer. Geophys. Union* 50: 59.
- Merriam, R. and O.L. Bandy. 1965. Source of upper Cenozoic sediments in the Colorado delta region. *J. Sed. Petrol.* 35: 911-916.
- Moore, J.N. and M.C. Adams. 1988. Evolution of the thermal cap in two wells from the Salton Sea geothermal system, California. *Geothermics* 17(5/6): 695-710.
- Muffler, L.J.P. and B.R. Doe. 1968. Composition and mean age of detritus of the Colorado River delta in the Salton Trough, Southeastern California. *J. Sed. Petrol.* 38: 384-399.
- Muramoto, F.S. and W.A. Elders. 1984. Identification of zones of progressive hydrothermal metamorphism from wireline logs and their correlation to reservoir temperature in the Salton Sea and Westmoreland

- geothermal systems, Imperial Valley, California. In *The Imperial basin-tectonics, sedimentation, and thermal aspects*. C.A. Rigsby (ed). Society of Economic Paleontologists and Mineralogists, Pacific Section, Los Angeles.
- Newmark, R.L., P.W. Kasameyer and L.W. Younker. 1988. Shallow drilling in the Salton Sea region: the thermal anomaly. *J. Geophys. Res.* 93(b11): 13005-13023.
- Norris, R.M. 1966. Barchan dunes of Imperial Valley, California. *J. Geol.* 74: 292-302.
- Norris, R.M. and R.W. Webb. 1976. *Geology of California*. Wiley, New York. 365 pp.
- Nuffer, C. 1989. Holocene sand, Salton Basin, California: An actualistic setting for feldspathic sands derived from basement-uplift provenances. M.S. Thesis, San Diego State University, San Diego.
- Palmer, T.D., J.H. Howard, and D.P. Lande. 1975. Geothermal development of the Salton Trough. Lawrence Livermore Laboratory (Univ. California Berkeley) Pub. No. UCRL-51775. 45 pp.
- Russnak, G.A. and R.L. Fisher. 1963. Structural history and evolution of Gulf of California. pp. In: *Marine Geology of the Gulf of California*, T.H. van Andel and G.S. Shore (eds). Amer. Assoc. Petrol Geol., Mem. 3.
- Saints, P.K. 1976. Geothermal guide to Mexicali-Imperial Valley rift valley. Geothermal Energy Association, West Covina.
- Sentianin, B. 1989. Petrology and provenance of sandstones in the Pleistocene Borrego Formation, Salton basin, California. M.S. Thesis, San Diego State University, San Diego.
- Van de Kamp, P.C. 1973. Holocene continental sedimentation in the Salton Basin, California: A reconnaissance. *Bull. geol. Soc. Amer.* 84: 827-848.
- Welday, E.E. 1976. Thermal probe study of Salton Sea, California, Part E. 16 pp. In: *California State Lands Commission, geothermal investigations of California submerged lands and spherical flow in naturally fractured reservoirs*.
- White, D.E. and D.L. Williams. 1975. Assessment of geothermal resources of the United States. *US Geol. Surv. Circular* 726.

## **SALTON SEA**

- Aerospace Corporation. 1971. Salinity Control Study, Salton Sea Project. Special Projects Group. Advanced Planning Division, San Bernardino Operations. Aerospace Report No. ATR-71(S9990)-5.
- Arnal, R.E. 1958. Rhizopoda from the Salton Sea, California. *Contrib. Cushman Foundation for Foraminiferal Research* 9:(2): 36-45.
- Arnal, R.E. 1961. Limnology, sedimentation, and microorganisms of the Salton Sea, California. *Bull. Geol Soc. Amer.* 72: 427-478.
- Audet, D. 1992. Fish and Wildlife Service, U.S. Department of the Interior. Salton Sea Eared Grebe Die-off Project Status Meeting. San Diego, CA. July 21-22, 1992.



- Barnard, J.L. and W.S. Gray, 1968. Introduction of an amphipod crustacean into the Salton Sea, California. *Bulletin of the Southern California Academy of Sciences*. 67:219-232.
- Barlow, G.W. 1958. Daily movements of desert pupfish, *Cyprinodon macularius*, in shore pools of the Salton Sea, California. *Ecology* 39: 580-587.
- Black, G.F. 1980. Status of the Desert Pupfish, *Cyprinodon macularius* (Baird and Girard) in California. California Department of fish and Game. Inland Fisheries Endangered Species Program Special Publication 80-1. March 1980.
- Black, G.F. 1983. The Salton Sea and the push for energy exploitation of a unique ecosystem. *California-Nevada Wildlife Transactions*, 1983:1-14.
- Black, G.F. 1988. Description of the Salton Sea sport fishery, 1982-1983. Inland fisheries Administrative Report No. 88-9.
- Blake, W.P. 1907. Lake Cahuilla, the ancient lake of the Colorado Desert. *Nat. Geogr. Mag.* 18: 830.
- Boeks, R., and S. English. 1981. White-faced Ibis (*Plegadis chihi*) populations and distribution in the western United States: 1979-1980. Unpublished report, U.S. fish and Wildlife Service, Portland, Oregon.
- Brocksen, R. W. and R.E. Cole. 1972. Physiological responses of three species of fishes to various salinities. *J.Fish.Res. Bd. Canada*, 29:399-405.
- Boyle, R.H. 1996. Life-or death-for the Salton Sea. *Smithsonian*. June 1996. pp. 86-97.
- Carpelan, L.H.1961. Zooplankton. Pp. 49-61 in: *The ecology of the Salton Sea, California, in relation to the sportfishery*, B.W. Walker, ed. California Fish and Game, Fish Bulletin No. 113.
- Carpelan, L.H. and R.H. Linsley. 1961. The pile worm, *Neanthes succinea* Frey and Leukart. Pp. 63-76 in: *The ecology of the Salton Sea, California, in relation to the sportfishery*, B.W. Walker, ed. California Fish and Game, Fish Bulletin No. 113.
- CIC Research, Inc. 1989. *The Economic Importance of the Salton Sea Sportfishery. A Report to the California Department of Fish and Game*. October 1, 1989.
- Coleman, G.A. 1929. A biological survey of the Salton Sea. *California Fish and Game* 15: 218-227.
- Collins, C.T. and K.L. Garrett. 1996. The Black Skimmer in California: An overview. *Western Birds* 27:127-135.
- Colorado river Board of California. 1992. Report to the California Legislature on the current condition of the Salton Sea and the potential effects of water conservation. April, 1992.
- Dexter, D.M. 1995. Salinity Tolerance of *Cletocamptus deitersi* (Richard 1897) and its Presence in the Salton Sea. *Bull. Southern California Acad. Sci.* 94(2):169-171.
- Dexter, D.M. 1993. Salinity tolerance of the copepod *Apocyclops dengizicus* (Lepeschkin, 1900), a key food chain organism in the Salton Sea, California. In: S.H. Hurlbert (ed.), *Saline Lakes V. Hydrobiologia*.

267:203-209

Dritschilo, W., and D. Vander Pluym. 1984. "An Exotoxicological Model for Energy Development and the Salton Sea, California." *Journal of Environmental Management* 19:15-30.

Dill, W.A. and C. Woodhull. 1942. A gamefish for the Salton Sea, the ten-pounder, *Elops affinis*. *California Fish and Game* 28: 171-174.

Eisler, R. 1990. Boron Hazards to Fish, Wildlife, and Invertebrates: A Synoptic Review. U.S. fish Wildl. Serv., Biol. Rep. 85(1.20). Washington, DC.

Eisler, R. 1985. Selenium Hazards to Fish, Wildlife, and Invertebrates: A Synoptic Review. U.S. fish Wildl. Serv., Biol. Rep. 85(1.5). Washington, DC

Evermann, B.W. 1916. Fishes of the Salton Sea. *Copeia* (1916) 34: 61-62.

Fialkowski, W. And W.A. Newman. 1998. A pilot study of heavy metal accumulations in a barnacle from the Salton Sea, southern California. *Marine Pollution Bulletin* (in press).

Grant, G.S. and N. Hogg. 1976. Behavior of late-nesting Black Skimmers at Salton Sea, California. *Western Birds* 7: 73-80.

Grinnell, J. 1908. "Birds of a Voyage on Salton Sea." *Condor* 10:185-191.

Hagar, J., and J. Garcia. 1988. "Appendix G: A Review of the Potential Biological Response to Salinity Changes in the Salton Sea." Problems and Potential Solutions at Salton Sea. Prepared for Meyer Resources, Inc., Davis, CA, by BioSystems Analysis Inc., Sausalito, CA.

Hanson, J.A. 1970. Salinity tolerances for Salton Sea fishes. California Department of fish and Game. *Inland Fisheries Report* 70-2.

Hanson, J.A. 1972. Tolerance of high salinity by the pileworm, *Neanthes succinea*, from the Salton Sea, California. *California Fish and Game* 58: 152-154.

Hanson, J.A. 1972. Tolerance of high salinity by the pileworm, *Neanthes succinea*, from the Salton Sea, California. *California Fish and Game* 58: 152-154.

Hely, A.G., G.H. Hughes, and B. Irelan. 1966. Hydrologic regimen of Salton Sea, California. *US Geol. Surv. Prof. Paper* 486-C. 32 pp.

Hendricks, I.J. 1961. Threadfin shad, *Dorosoma petenense* Gunther. Pp. 93-94 in B.W. Walker, editor. The ecology of the Salton Sea, California, in relation to the sportfishery. California Department of Fish and Game *Fish Bulletin*. No. 113: 204 pp.

Hendricks, I.J. 1961. The striped mullet, *Mugil cephalus* Linnaeus. Pp. 95-104 in B.W. Walker, editor. The ecology of the Salton Sea, California, in relation to the sportfishery. California Department of Fish and Game *Fish Bulletin*. No. 113: 204 pp.

Hubbs, C.L. and R.R. Miller. 1948. The Great Basin. *Univ. Utah Bull.* 38: 18-166.

- Hughes, G.H. 1967. Analysis of techniques used to measure evaporation from Salton Sea, California. US Geol. Surv. Prof. Paper 272-H. 151-176 pp.
- Hulquist, R.G. 1981. A summary of Salton Sea creel censuses, 1958, 1963 through 1967, and 1969. California Department of Fish and Game, Inland Fisheries, Region 5 Information Bulletin 0004-3-1981.
- Irwin, G.A. 1971. Water-quality data for selected sites tributary to the Salton Sea, California, August 1969 - June 1970. US Geol. Surv., Open-file Report. Menlo Park, California 12 pp.
- Jehl, J.R., Jr., S.I. Bond, P. Unitt, and G. McCaskie. 1977. Annotated Bibliography on Seasonal Movements of Migratory and Resident Birds in the California Desert. H/SWRI Technical Report No. 77-105 prepared for U.S. Bureau of land Management, Riverside, CA.
- Jehl, J.R., Jr. 1988. Biology of the Eared Grebe and Wilson's Phalarope in the Nonbreeding Season: A Study of Adaptations of Saline Lakes. Studies in Avian Biology 12:1-74.
- Jehl, J. R. Jr. 1993. Observations on the fall migration of eared grebes, based on evidence from a mass downing in Utah. The Condor 95:470-473.
- Jehl, Joseph R. Jr. 1994. Changes in saline and alkaline lake avifaunas in western North America in the past 150 years. Studies in Avian Biology No. 15:258-272.
- Jehl, J.R., Jr., S.I. Bond, P. Unitt, and G. McCaskie. 1977. Annotated bibliography on seasonal movements of migratory and resident birds in the California desert. H/SWRI Technical Report No. 77-105. Prepared for U.S. Bureau of land Management, Riverside, CA.
- Jehl, J. R. Jr., and S. I. Bond. 1983. Mortality of Eared Grebes in Winter of 1982-83. American Birds 37:832-835.
- Johnson, M.W. 1953. The copepod *Cyclops dimorphus* from the Salton Sea. Amer. Midl. Natur. 49: 1988-192.
- Jordan, G.A., R.R. Garrahan, K.B. Iwanaga, S.V. Williams, A.B. Bond and M.L. Matsui. 1992. Pigment mapping technique for identifying intermediate and late-stage pelagic eggs of *Anisotremus davidsoni* (Pisces: Haemulidae), *Bairdiella icistia*, and, *Cynoscion xanthulus* (Pisces: Sciaenidae) from the Salton Sea. Fish. Bull., in press.
- Kratzer, C.R., W. Dritschilo, L.J. Hannah, and M.A. Broutman. 1985. Predicting impacts from water conservation and energy development on the Salton Sea, California. Water Resources Bulletin 21: 565-572.
- Kuhl, D.I. and L. C. Oglesby, 1979. Reproduction and survival of the pileworm *Neanthes succinea* in higher Salton Sea salinities. Biological Bulletin 157:153-165.
- Lasker, R., R.H. Tenaza and L.L. Chamberlain. 1972. The response of Salton Sea fish eggs and larvae to salinity stress. Calif. Fish and Game, 58:58-66.
- Lau, S. and C. Boehm. 1991. A Distribution Survey of Desert Pupfish (*Cyprinodon macularius*) Around the Salton Sea, California. Final Report for Section 6, Project No. EF90XII-1. Prepared for California Department of Fish and Game, Inland Fisheries Division. November, 1991.

- Linsley, R.H. and L.H. Carpelan. 1961. Invertebrate fauna. Pp.43-48 in: The ecology of the Salton Sea, California, in relation to the sportfishery, B.W. Walker (ed.). California Fish and Game, Fish Bulletin No. 113:.
- Littlefield, W.M. 1966. Hydrology and Physiography of the Salton Sea, California: U.S. Geological Survey Hydrology Investigations Atlans HA-22, scale 1:125,000.
- Ohlendorf, H.M., and K.C. Marois. 1990. Organochlorines and Selenium in California Night-Heron and Egret Eggs. Environ. Monit. Assess. 15:91-104.
- Oglesby, L.C. 1977. A newly introduced, brackish-water snail in the Salton Sea Basin, California. California Fish and Game 63: 180-182.
- Kennan, G. 1917. The Salton Sea: An account of Harriman's fight with the Colorado River. Macmillan, New York. 106 pp.
- Lasker, R., R.H. Tenaza and L.L. Chamberlain. 1972. The response of Salton Sea fish eggs and larvae to salinity stress. California Fish and Game 58:58-66.
- Lau, S. and C. Boehm. 1991. A distribution survey of Desert Pupfish (*Cyprinodon macularius*) around the Salton Sea, California. Final Report for Section 6, Project No. EF90XII-1. Prepared for California Department of Fish and Game, Inland Fisheries Division. November, 1991.
- MacDougal, D.T. 1914. The Salton Sea. Carnegie Inst. Washington Pub. No. 193. 183 pp.
- Matsui, M.L., A.B. Bond, G. Jordan, R. Moore, P. Garrahan, K. Iwanaga, and S. Williams. 1991a. Abundance and distribution of the ichthyoplankton in the Salton Sea, California in relation to water quality. Final Report. Federal Aid project F-51-R, Study No. 3. California Department of Fish and Game.
- Matsui, M.L., G.L. Lattin, R. Moore, C. Mulski. and A.B. Bond. 1991b. Salinity tolerance of *Anisotremus davidsonii*. Final Report, Federal Aid Project F-51-R, Study No. 2. California Department of Fish and Game.
- Matsui, M.L., G.L. Lattin, R. Moore, C. Mulski, and A.B. Bond. 1991c. Salinity tolerance of *Cynoscion xanthulus*. Final Report, Federal Aid Project F-51-R, Study No. 2 California Department of Fish and Game.
- May, R. 1975. Effects of temperature and salinity on fertilization, embryonic development, and hatching in *Bairdiella icistia* (Pisces:Sciaenidae), and the effect of parental salinity acclimation on embryonic and larval salinity tolerance. Fishery Bulletin 73(1):1-21.
- May, R. 1975. The effects of acclimation on the temperature and salinity tolerance of the yolk-sac larvae of *Bairdiella icistia*. (Pisces:Sciaenidae). Fishery Bulletin 73:249-255.
- May, R. 1975a. Effects of temperature and salinity on fertilization, embryonic development, and hatching in *Bairdiella icistia* (Pisces:Sciaenidae), and the effect of parental salinity acclimation on embryonic and larval salinity tolerance. Fish. Bull. 73(1):1-21.
- May, R. 1975b. The effects of acclimation on the temperature and salinity tolerance of the yolk-sac larvae of *Bairdiella icistia*. (Pisces:Sciaenidae). Fish. Bull. 73(2):249-255.

- May, R. 1976. Effects of Salton sea water on the eggs and larvae of *Bairdiella icistia*. *California Fish and Game* 62: 119-131.
- McCaskie, G. 1970. Shorebird and waterbird use of the Salton Sea. *California Fish and Game* 56: 87-95.
- McCaskie, G. 1973. The nesting season. Southern Pacific Coast region. *American Birds* 27:917-920.
- McCaskie, G. 1974. The nesting season. Southern Pacific Coast region. *American Birds* 28:948-951.
- McCaskie, G., S. Liston and W.A. Rapley. 1974. First nesting of Black Skimmers in California. *Condor* 76:337-338.
- McCaskie, G. and S. Suffel. 1971. Black Skimmers at the Salton Sea, California. *California Birds* 2:69-71.
- Miller, L. and A.J. Van Rossem. 1929. Nesting of the Laughing Gull in southern California. *Condor* 31:141-142.
- Molina, K.C. 1996. Population status and breeding biology of Black Skimmers at the Salton Sea, California. *Western Birds* 27:143-158.
- Nordlie, F.G., D.C. Haney and S.J. Walsh. 1992. Comparisons of salinity tolerances and osmotic regulatory capabilities in populations of sailfin molly (*Poecilia latipinna*) from brackish and fresh waters. *Copeia* 1992:741-6.
- Ogden. 1994a. Biological technical report in support of an environmental assessment for the hazard area geothermal exploration project. Ogden Environmental and Energy Services Co., prepared for Magma Power Company. May 1994.
- Ogden. 1994b. Summary of spring biological resources surveys and wetlands assessment for the Magma Poser Company, Calipatria, California. Ogden Environmental and Energy Services Co., prepared for Magma Power Company. June 1994.
- Ogden. 1995a. Salton Sea management project summary of salinity and elevation management alternatives. Ogden Environmental and Energy Services Co., prepared for Salton Sea Authority. March 1995.
- Ohlendorf, H.M., and K.C. Marois. 1990. Organochlorines and selenium in California night-heron and egret eggs. *Environmental Monitoring and Assessment* 15:91-104.
- Page, G. W., W. D. Shuford, J. E. Kjelmlyr and L. E. Stenzel, 1992. Shorebird numbers in wetlands of the Pacific flyway: A summary of counts from April 1988 to January 1992. A report of Point Reyes Bird Observatory, Stinson beach, California.
- Pemberton, J.R. 1927. The American Gull-billed Tern breeding in California. *Condor* 29:253-258.
- Platter, M.F. 1976. Breeding ecology of cattle egrets, and snowy egrets at the Salton Sea, Southern California. M.S. Thesis, San Diego State University. 122 pp.
- Polakovic, G. 1993. A sea in trouble: pollution threatens calamity for a great wildlife refuge. In special section: Salton Sea: Countdown to Collapse, *The Press Enterprise* (Riverside Co., CA), January 3-10, 1993.

- Pomeroy, R.D. and H. Cruse. 1965. A reconnaissance study and preliminary report on a water quality control plan for Salton Sea. Prepared for the California State Water Quality Control Board. December 1965.
- Popper, D. and T. Lichatowich. 1975. Preliminary success in predator contact of *Tilapia mossambica*. *Aquaculture* 5:213-214.
- Quast, J.C. 1961. The food of the bairdiella. Pp. 153-164 in B.W. Walker, editor. The ecology of the Salton Sea, California, in relation to the sportfishery. California Department of Fish and Game Fish Bulletin. No. 113: 204 pp.
- Raimondi, P.T. 1992. Adult plasticity and rapid larval evolution in a recently isolated barnacle population. *Biological Bulletin* 182:210-220.
- Rogers, F.L. 1949. Three new subspecies of *Balanus amphitrite* from California. *Journal of Entomology and Zoology*. 41: 23-32.
- Saiki, M.K. 1990. Elemental concentrations in fishes from the Salton Sea, Southeastern California. *Water, Air and Soil Pollution* 52:41-56.
- Segers, H., 1995. Nomenclatural consequences of some recent studies on *Brachionus plicatilis* (Rotifera, Brachionidae). *Hydrobiologia* 313-314:121-122
- Shuford W. and C.M. Hickey. 1996. A review of the status of the White-Faced Ibis in winter in California. *Western Birds* 27:169.
- Sixtus, .M.E. 1978. Aspects of the physiology and biogeochemistry of thermal adaptation in two populations of barnacles (*Balanus amphitrite* Darwin). Masters thesis, San Diego State College, San Diego, California. 78 pp.
- Soule, J.D. 1957. Two species of Bryozoa Ctenostomata from the Salton Sea. *Bulletin of Southern California Academy of Sciences*. 56:21-30.
- Steinhart., P. 1980. The city and the inland Sea. *Audubon* 92:98-125.
- St. Amant, J.A. 1966. Addition of *Tilapia mossambica* to the California fauna. *California Fish and Game* 52: 54-55.
- Schoenherr, A.A. 1979. Niche separation within a population of freshwater fishes in an irrigation drain near the Salton Sea, California. *Bull. Southern California Acad. Sci.* 78: 46-55.
- Skrove, T. 1986. The Salton Sea: Nature's accident in the desert. *Aqueduct (Metropol. Water District Southern California)* No. 4: 9-12.
- Thompson, W.F. and H.C. Bryant. 1920. The mullet fisheries of Salton Sea. *California fish and Game* 6:60-63.
- de Stanley, M. 1966. *The Salton Sea - Yesterday and Today*. Triumph Press, Los Angeles, 128 pp.
- US Department of the Interior. 1970. *Salton Sea, California: Water quality and ecological management*

considerations. US Department Interior, Federal Water Quality Administration Pacific Southwest Region. 54 pp.

US Department of the Interior and Resources Agency of California. 1974. Salton Sea Project, California: Federal-State Feasibility Report. Main Report and 9 appendices. App A: Legal and Institutional. App B: Land Ownership and Use. App C: Geology. App. D: Hydrologic Studies. App. E: Plans and Estimates. App. F: National Economic Development. App. G: Regional Development. App. H: Environmental Quality. App. I: Social Well-Being.

US Department of Interior. 1971. Salton Sea National Wildlife Refuge: Master Plan. Unpaginated (A brief, general description).

Vitton, B. 1968. Effects of oxygen tension, salinity, temperature and crowding on the distribution, growth and survival of *Balanus amphitrite* Darwin in the Salton Sea, California. Masters thesis, San Diego State College, San Diego State College, San Diego, California. 151 pp.

Walker, B.W. 1961. The ecology of the Salton Sea, California, in relation to the sportfishery. California Fish and Game. Fish. Bull. No. 113. 204 pp.

Whitney, R.R. 1961. The bairdiella, *Bairdiella icistius* Jordan and Gilbert. Pp. 105-152 in B.W. Walker, editor. The ecology of the Salton Sea, California, in relation to the sportfishery. California Department of Fish and Game Fish Bulletin. No. 113: 204 pp.

Whitney, R.R. 1961. The orangemouth corvina, *Cynoscion xanthulus* Jordan and Gilbert. Pp. 165-184 in B.W. Walker, editor. The ecology of the Salton Sea, California, in relation to the sportfishery. California Department of Fish and Game Fish Bulletin. No. 113: 204 pp.

Whitney, R.R. 1969. Introduction of commercially important species into inland mineral waters. Contributions in Marine Science 12: 263-276.

## **CREEKS, CANALS AND DRAINS**

Anonymous. 1981. Hydrilla eradication tried in California. Grichemical Age, Feb. 1981, pp. 14-15.

Eccles, L.A. 1979. Pesticide residues in Agricultural drains, Southeastern Desert Area, California. U.S. Geological Survey Water Resources Investigations 79-16.

Frank, P.A., N. Decharetz, and R.W. Raines. 1979. Combinations of diquat and several cations for control of Hydrilla. Weed Science 27: 115-118.

Herrgesell, P.R. 1975. A report on aquatic resources associated with agricultural drains in the Palo Verde Irrigation District, Coachella Valley County Water District and imperial Irrigation District. California Fish and Game.

Herrgesell, P.L. 1979. A study of pesticide residue occurrence and uptake in fish inhabiting drain waters of the Palo Verde, Coachella and imperial Valleys. The Resources Agency (California), Envir. Serv. Branch, Administrative Report No. 79-1. 17 pp.

- Hely, A.G. and E.L. Peck. 1964. Precipitation, runoff and water loss in the lower Colorado River - Salton Sea area. U.S. Geol. Surv. Prof. Pap. 469-P. 16 pp.
- Jackson. 1988. Surveys for the Yuma Clapper Rail and the California Black Rail along the 38-Mile Unlined Portion of the Coachella Canal and Adjacent Wetlands, Imperial and Riverside Counties. California Admin. Reports. USDI, Bureau of Reclamation. Boulder City, NV.
- Marsh, P.C. and C.R. Stinemetz. 1983. Benthic invertebrates of the Coachella Canal, California. California Fish and Game 6: 77-83.
- Schroeder, R.A., J.G. Setmire, and J.C. Wolfe. 1988. Trace Elements and Pesticides in the Salton Sea Area of California. Proceedings on Planning Now for Irrigation and Drainage: American Society of Civil Engineers, Irrigation and Drainage Division, Lincoln, NE. July 19-21, 1988. pp 700-707.
- Schroeder, R.A., J.G. Setmire, and J. N. Densmore. 1991. Use of Stable Isotopes, Tritium, soluble Salts, and Redox-Sensitive Elements to Distinguish Groundwater from Irrigation Water in the Salton Sea Basin. Proceedings of the National Conference: American Society of Civil Engineers, Irrigation and Drainage Division, W.f. Ritter, ed. Honolulu, HI. July 22-26, 1991. pp 524-530.
- Schroeder, R.A., J.G. Setmire, and J. N. Densmore. 1989. Controls on Drainwater Composition in the Imperial Valley, California. G.L. Pederson and MM. Smith, compilers. U.S. Geological Survey Water Resources Division National Symposium on Water Quality. Orlando, FL. Nov. 12-17, 1989. U.S. Geological Survey Open file Report 89-409.
- Schroeder, R.A., et al. 1993. Physical, Chemical, and Biological Data for Detailed Study of Irrigation in the Salton Sea Area, California, 1988-90. U.S. Geological Survey Open file Report 93-83.
- Setmire, J.G. 1984. Water quality in the New River, Calexico to the Salton Sea, Imperial County, California. Paper 2212. US. Geological Survey, Alexandria, Virginia.
- Setmire, J.G., J.C. Wolfe, and R. Stroud. 1990. Reconnaissance, investigation of water quality, bottom sediment and biota associated with irrigation drainage in the Salton Sea area, California 1986-87. U.S. Geological Survey Water Resources Investigative Report 898-4102.
- Setmire, J.G., J.C. Wolfe, and R. Stroud. 1993. Detailed Study of Water Quality, Bottom Sediment, and Biota Associated with Irrigation Drainage in the Salton Sea Area, California, 1988-1990. U.S. Geological Survey Water Resources Investigations Report 93-4014.
- Stocker, R.K., N.T. Hagstrum, and M.D. Remington. 1986. Hydrilla Control Research Program, 1985 Annual Report. Imperial Irrigation District, El Centro, California. 41 pp.
- Stocker, R.K., N.T. Hagstrum, and M.D. Remington. 1986. Hydrilla Control Research Program, Biannual Report No. 2 Imperial Irrigation District, El Centro, California. 47 pp. + tables and figures.
- Valentine, V.E. 1981. Water quality controls on Imperial Valley drainage. Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers 107:233-237.

## **HUMAN GEOGRAPHY AND HISTORY**



- Anderson, J., N. Clement, and K. Shellhammer. 1980. Economic importance of the US Southwest border region. California Border Area Resource Center, San Diego State University, San Diego.
- Beals, R.L. and J.A. Hestler, Jr. 1974. Indian occupancy, subsistence, and land use patterns in California. pp. In: California Indians, Vol. 6. Garland Publ. Co.
- Bean, L.J. and K.S. Saubel. 1979. "Temalpakh": Cahuilla Indian's knowledge and usage of plants. Malki Museum Press, Morongo Indian Reservation, Banning, California.
- Branes, R. 1986. El marco juridico para el manejo ambiental en la zona fronteriza de Mexico y los Estados Unidos. Programa Desarrollo Y Medio Ambiente, El Colegio de Mexico, Documentos de trabajo PDMA/8/02. 37 pp.
- Castetter, E.F. and W.H. Bell. 1951. Yuman Indian Agriculture. Univ. New Mexico Press.
- Castillejos, M. and V. Sanchez. 1986. Tendencias y niveles de salud en las region fronteriza Mexico - Estados Unidos. Programa Desarrollo y Medio Ambiente, El Colegio de Mexico, Documentos de Trabajo PDMA/86/07. 60 pp. and appendices.
- Clement, N. and S. Jenner. 1987. Location decisions regarding maquiladora/-in-bond plants operating in Baja California, Mexico. Institute for Regional Studies of the Californias, San Diego State University, San Diego.
- Coolidge, R.N. 1963. History of the Colorado River during the Steamboat Era. M.S. Thesis, San Diego State University, San Diego. 247 pp.
- Crowe, R., and S.B. Brinckerhoff. 1976. Early Uma: A graphic history of life on the American Nile. Yuma County Historical Society, Northland Press.
- Darnell, W.I. 1959. The Imperial Valley: Its Physical and Cultural Geography. M.S. Thesis, San Diego State University, San Diego. 127 pp.
- Forbes, J.D. 1965. Warriors of the Colorado: The Yumas of the Quechan Nation and Their Neighbors. Univ. Oklahoma Press, Norman, OK. 378 pp.
- Forde, C.D. 1931. Ethnography of the Yuma Indians. Univ. Calif. Pub. Amer. Archaeol. Ethnol. 28: 83-278.
- Gifford, E.W. 1931. The Kamia of Imperial Valley. US Bur. Amer. Ethnol., Bull. No. 97. Washington, DC.
- Gifford, E.W. 1934. The Cocopa. Univ. Calif. Pub. Amer. Archaeol. ethnol. 31: 257-334. Herrera, C.P. 1976(1956). Colonizacion del valle de Mexicali. Univ. Aut. Baja California, Mexicali. 211 pp.
- Kelley, D.S. 1950. A brief history of the Cocopa Indians of the Colorado River delta, 159-170 pp. In: Essays in Anthropology in Honor of Byron Cummings, E.K. Reed and D.S. King (eds). Hohokan Museum Assoc. and Tucson and Southwestern Monuments Assoc., Santa Fe, New Mexico.
- Kelly, W.H. 1942. Cocopa gentes. Amer. Anthropol. 44: 675-691.
- Kelly, W.E. 1949. Cocopa attitudes and practices with respect to death and mourning. Southwest. J. Anthropol. 5: 151-164.

- Kelly, W.E. 1949. The place of scalps in Cocopa warfare. *El Palacio* 56: 85-91.
- Kelly, W.E. 1973. *Cocopa Ethnography*. Univ. Arizona, Press, Tucson.
- Kroeber, A.L. 1920. The Yuman tribes of the lower Colorado. *Univ. Calif. Pub. Amer. Archaeol. Ethnol.* 16: 475-485.
- Ladman, J. 1975. The development of the Mexicali regional economy: An example of export propelled growth. Bureau of Business and Economic Research, Arizona State Univ, Tempe.
- Mangel, C. 1970. "Sometimes we feel we're already dead." *Look*, June 2, 1970. 38-43 pp.
- Massey, W.C. and C.M. Osborne. 1961. A burial cave in Baja California.. 1887." *Anthropological Records* 16(8). Univ. Calif. Press, Berkeley.
- Mathes, W.M. (ed). 1969. *First from the Gulf to the Pacific: The diary of the Kino-Atondo Peninsular Expedition*. Baja California Travel Series No. 16. Dawson's Book Shop, Los Angeles, California.
- Moriarity, J.R., III. 1968. The environmental variations of the Yuman culture area of Southern California. *Anthropol. J. Canada* 6(2):2-20; 6(3):9-23.
- Moriarity, J.R. 1969. *The Yuma Indians of Southern California: An Interdisciplinary Synthesis*. M.S. Thesis, San Diego State University, San Diego, CA.
- Ochoa-Zazueta, J.A. 1973. Los Cacapa de El Mayor Indigena. *Inst. Nac. Antropol. Hist. (Mexico), Boletin Deas* 1: 17-43.
- Ortiz Monasterio, P., and F. Ortega Anaya. 1985. Consideraciones ambientales para la plainificacion urbana (El impacto de las maquiladoras en las ciudades fronterizas del norte de Mexico). *Programa Desarrollo y Medio Ambiente, El Colegio de Mexico, Documentos de trabajo*. 43 pp.
- Perz Bastidas, D. 1981. *Ordenamiento ecologico del Valle de Mexicali, B.C. Tesis Profesional, Fac. Cienc., Univ. Nac. Auton. Mexico*. 69 pp.
- Rogers, M.J. 1945. An outline of Yuman prehistory. *Southwest. J. Anthropol.* 1: 167-198.
- Sanchez, V. 1985. Modalidades de desarrollo, relaciones internacionales y politicas ambientales. *Programa Desarrollo y Medio Ambiente, El Colegio de Mexcio, Documentos de Trabajo PDMA/85/05*. 17 pp.
- Smith, D.M. 1942. The effect of the desiccation of ancient Cahuilla Lake upon some of the desert Indians of Southern California. M.S. Thesis, Univ. of Southern California.
- Spier, L. 1933. *Yuman tribes of the Gila River*. Univ. Chicago Press. 433 pp.
- Spier, l. 1936. Cultural relations of the Gila River and Lower Colorado River tribes. *Yale Univ. Publ. Anthropol.* No. 3.
- Steere, C.H. 1952. *Imperial and Coachella Valleys: Illustrated Guide*. Stanford Univ. Press, Stanford. 90 pp.

Weeks, J.R. and R.Ham-Chande, eds. 1992. Demographic dynamics of the U.S.-Mexico border, Texas Westser Press

Williams, A.A. de. 1975. Travelers among the CuCupa. Dawson's Book Shop, Los Angeles. 161 pp.

Williams, A.A. de. 1974. The Cocopah People. Indian Tribal Series, Phoenix, Arizona. 104 pp.

## **LOWER COLORADO DELTA, ESTUARY, AND NORTHERN GULF OF CALIFORNIA**

Abarca, F.J., M.F. Ingraldi, and A. Varela-Romero. 1993. Observations on the desert pupfish (*Cyprinodon macularius*), Yuma Clapper (*Rallus longirostris yumanensis*) and shorebird communities in the Cienega de Santa Clara, Sonora, Mexico. Technical report, nongame and Endangered Wildlife Program, Arizona Game and Fish, Phoenix.

Aleem, A.A. 1972. Effects of river outflow management on marine life. *Marine Biol.* 15: 200-208.

Alvarez-Borrego, S. 1983. Gulf of California. Pages 427-449 in B.H. Ketchum (ed), *Ecosystems of the World*, 26: Estuaries and enclosed seas. Elsevier, Amsterdam.

Alvarez-Borrego, S. et al. 1973. Estudio quimico sobre la contaminacion por insecticidas en la desembocadura del Rio Colorado. Univ. Auton. Baja California.

Alvarez-Borrego, S., J.A. Rivera, G. Gaxiola-Castro. 1978. Nutrientes en el Golfo de California. *Cienc. Mar.* 5: 53-71.

Anderson, D.W., J.E. Mendoza and J.O. Keith. 1976. Seabirds in the Gulf of California: A vulnerable international resource. *Natural Resources J.* 16: 483-505.

Argent, G. (ed). 1991. Delta-estuary, California's Linland Coast: A public trust report. California State Lands Commission, Sacramento. 208 pp.

Blanchard, C.J. 1906. The delta of the Colorado River and its problems. *Amer. Monthly Review of Reviews* 33: 428-431.

Brenner, G.J. 1963. Results of the Puritan-American Museum of Natural History Expedition to Western Mexico. 14. A zoogeographic analysis of some shallow water Foraminifera in the Gulf of California. *Bull. Amer. Mus. Nat. Hist.* 123: 249-298.

Brusca, R.C. 1980. Common intertidal invertebrates of the Gulf of California, 2d ed. Univ. Arizona Press, Tucson. 513 pp. Burton, L. 1989. American Indian Water Rights in the Future of the Southwest. In: Z.A. Smith (ed.), *In Water and the Future of the Southwest*, Univ. of N.M. Press, Albuquerque. pp 153-176.

Cisneros-Mata, M., G. Montemayor-Lopez, and M. Roman-Rodriguez. 1995. Life history and conservation of *Totoaba macdonaldi*. *Conservation Biology* 9:806-814.

Cohen, M. J., J. I. Morrison, and E.P. Glenn. 1999. Haven or Hazard: The Ecology and Future of the Salton Sea. Pacific Institute for Studies in Development, Environment, and Security: Oakland, CA.

Copeland, B.J. 1966. Effects of decreased river flow on estuarine ecology. *J. Water Pollution Control. Fed.*

38:1831-1839.

Cummings, J.A. 1977. Seasonal and areal variations of zooplankton standing stocks in the northern Gulf of Mexico. Thesis, Dept. Ecol. Evol. Biology, Univ. Arizona, Tucson. 61 pp.

Diario Oficial. 1993. Decreto por el que se declara area natural protegida con el caracter de Reserva de la Biosfera, la region conocida como Alto Golfo de California y Delta del Rio Colorado, ubicada en aguas del Golfo de California y los municipios de Mexicali, B.C., del Puerto Peñasco y San Luis Rio Colorado, Sonora. Pages 24-28 in Diario Oficial de la Federacion, Jueves 10 de junio de 1993, Mexico City.

Ebert, T.A. and D.M. Dexter. 1975. A natural history study of *Encope grandis* and *Mellita grantii*, two sand dollars in the northern Gulf of California, Mexico. *Mar. Biol.* 32: 397-407.

Eddleman, W.R. 1989. Biology of the Yuma Clapper Rail in the southwestern U.S. and northwestern Mexico. U.S. Bureau of Reclamation, Yuma, Arizona.

Filloux, J.J. 1973. Tidal patterns and energy balance in the Gulf of California. *Nature* 243: 217-221.

Flanagan, C.A. and J.R. Hendrickson. 1976. Observations on the commercial fishery and reproductive biology of the totoaba, *Cynoscion macdonaldi*, in the northern Gulf of California. *Fishery Bull.* 74: 531-544.

Galindo-Bect, M.S., E.P. Glenn, H.M. Page, K. Fitzsimmons, L.A. Galindo-Bect, J.M.Hernandez-Ayon, R.L. Petty, J. Garcia-hernandez, and D. Moore. 1999. Analysis of Penaeid Shrimp in the Upper Gulf of California in relation to Colorado River discharge. Submitted for publication to *Fishery Bulletin*.

Garcia-Hernandez, J., E.P. Glenn, J. Artiola, and D.J. Baumgartner. 1998. Bioaccumulation of selenium in the Cienega de Santa Clara, Colorado River Delta, Sonora, Mexico. Accepted for publication, *Ciencias Marinas*.

George, C.J. 1972. The role of the Aswan High Dam in changing the fisheries of the southeastern Mediterranean, 159-178 pp. In: *The Careless Technology*, Farver and Milton (eds). Natural History Press, New York.

Glenn, E.P., R.S. Felger, A. Burquez, and D.S. Turner. 1992 Cienega de Santa Clara: endangered wetland in the Colorado River Delta, Sonora, Mexico. *Natural Resources Journal* 32:817-824.

Glenn, E.P., C. Congdon, and J. Garcia. 1997. New value for old water. *The World & I* April: 204-211.

Glenn, E.P., R.S. Felger, J.A. Burquez-Montijo. 1992. Oasis in the Colorado Delta, Cienega de Santa Clara: A Remnant Wetland. *CEDO News* 4(1):14, 19, 31-32.

Glenn, E.P., C. Lee, R.S. Felger, and S. Zengel. 1996. Effects of Water Management on the Wetlands of the Colorado River Delta, Mexico. *Conservation Biology* 10(4):1175-1186.

Glenn, E., R. Tanner, S. Mendez, T. Kehret, D. Moore, J. Garcia, and C. Valdes. 1998. Growth rates, salt tolerance and water use characteristics of native and invasive riparian plants from the Delta of the Colorado River, Mexico. *Journal of Arid Environments* 40: 281-294.

Glenn, E.P., J. Garcia, and R. Tanner. 1999. Status of wetlands supported by agricultural drainage water in

the Colorado River Delta, Mexico. *HortScience* 34(1):16-21.

Glenn, E.P., T.L.Thompson, R. Frye, J. Riley, and D. Baumgartner. 1995. Effects of salinity on growth and evapotranspiration of *Typha domingensis* Pers. *Aquatic Botany* 52:75-91.

Goldman, R. 1970. Reduced flows and future ecology of the San Francisco Bay-Delta System, 174-190 pp. In: *Hydrobiology: Bioresources of Shallow Water Environments*, W.G. Weist, Jr., and E. Greeson (eds). Amer. water Res. Assoc.

Gómez-Pompa, Arturo. 1993. Caught in Controversy: The Tuna, the Dolphin, and the 'Little Cow'. University of CA Institute for Mexico and the United States. *UC Mexus News* 31:1-16.

Grinnell, J. 1914. An account of the mammals and birds of the lower Colorado valley. *Univ. Calif. Pub. Zool.* 12: 51-294.

Gunter, G. and H.H. Hildebrand. 1954. The relation of total rainfall of the state and catch of the marine shrimp (*Penaeus setiferus*) in Texas waters. *Bull. Mar. Sci. Gulf caribb.* 4: 95- .

Guenther, H.R. and J. Romero. 1972. Lake Havasu Aquatic Impact Study Progress Report, 1972. U.S. Dept. Interior, Bureau of Reclamation, Lower Colorado River Region.

Hendrickson, J.R. 1973. Study of the marine environment of the northern Gulf of California: Final Report submitted to Goddard Space Flight Center. Biol. Sci. Dept., Univ. Arizona (Tucson). 106 pp. and 4 appendices. (Mainly concerns physical processes).

Hendrickson, D.A., and A. Varela Romero. 1989. Conservation status of desert pupfish, *Cyprinodon macularius*, in Mexico and Arizona. *Copeia* 1989: 478-483.

Keith, J.O. 1978. Synergistic effects of DDE and food stress on reproduction in Brown Pelicans and Ringdoves. Ph.D. Thesis, Ohio State University. 185 pp.

Knudson, T. Å1994. A Dying Sea. In a special report on the Sea of Cortez in The Sacramento Bee, Sacramento, CA. [A whole section of the paper with a number of articles, charts and pictures.]

Lawson, L.M. 1950. River and tide effects - Lower Colorado River. *Civ. Engineer.* 20: 389-391.

Lee, C. T. 1994. Mapping wetland dynamics in the lower Colorado River delta using archival LANDSAT MSS satellite imagery. U.S. Fish and Wildlife Service, Albuquerque, New Mexico.

Maluf, LA. 1983. Physical oceanography. Pages 27-44 in T.J. Case and M.L. Cody (eds), *Island biogeography in the sea of Cortez*. Univ. California Press, Berkeley.

Mellink, E., E. Palacios, and S. Gonzalez. 1996. Notes on nesting birds of the Cienega de Santa Clara saltflat, northwestern Sonora, Mexico. *Western Birds* 27: 202-203.

Mellink, E., E. Palacios, and S. Gonzalez. 1997. Non-breeding waterbirds of the delta of the Rio Colorado, Mexico. *Journal of Field Ornithology* 68: 113-123.

Morales-Abril, G. 1994. Reserva de la Biosfera Alto Golfo de California y Delta del Rio Colorad. *Ecologica*

3(2):26-27.

McLean, J.H. 1961. Marine mollusks from Los Angeles Bay, Gulf of California. *Trans. San Diego Soc. Nat. Hist.* 12: 449-476.

McKee, E.D. 1939. Some types of bedding in the Colorado River delta. *J. Geol.* 47: 64-81.

Nunez-Esquer, O. 1974. Concentration de DDT y sus metabolitos en *Chione californiensis* de la parte norte del Golfo de California. 5a Congreso Oceanografico, 20-21 pp.

Ohmart, R.D., W.O. Deason, and S.J. Freeland. 1975. Dynamics of marsh land information and succession along the lower Colorado river and their importance and management problems as related to wildlife in the arid southwest. Pages 240-251 in transactions of the 40th North American Wildlife Management Institute. North American Wildlife Management Institute, Washington, D.C.

Parker, R.H. 1963. Zoogeography and ecology of macroinvertebrates, Gulf of California and continental slope of western Mexico, 311-376 pp. In: *Marine Geology of the Gulf of California*. Amer. Assoc. Petrol. Geol., Memoir 3, T.H. van Andel and G.S. Shor, (eds).

Pickens, P.E. 1970. A field guide to some of the marine invertebrates found in the northern Gulf of California. Ditto manuscript available from the Dept. of Biological Sciences, University of Arizona, Tucson.

Postma, 1967. Sediment transport and sedimentation in the estuarine environment, pp. In: *Estuaries*, G.H. Lauf, (ed). Amer. Assoc. Adv. Sci. Pub. No. 83.

Ridley, J.E. and J.A. Steel. 1975. Ecological aspects of river impoundments, 565-587 pp. In: *River Ecology*, B.A. Whitton (ed). Univ. Calif. Press, Berkeley.

Roden, G.I. 1962. Oceanographic aspects of the Gulf of California. In: *Marine Geology of the Gulf of California* T.H. van Andel and G.S. Shore (eds). Amer. Assoc. Petrol. Geol., Mem. 3: 30-58.

Rhoden, G. 1972. Thermohaline structure and baroclinic flow-across the Gulf of California entrance and the Revillagigedo Islands region. *J. Phys. Oceanogr.* 2: 177-183.

Rinne, W.E., and H.R. Guenther. 1980 Recent changes in habitat characteristics of the Santa Clara Slough, Pp.44-45, in *Proceedings of the Desert Fishes Council: twelfth annual Symposium* (E.P. Pister, ed.) Desert Fishes Council, Bishop, California.

Ruiz-Campos, R. and M. Rodriguez-Merez. 1997. Composicion taxonomica y ecologica de la avifauna de los rios el mayor y hardy, y areas adyacentes, en el valle de Mexicali, Baja California, Mexico. *Anales del Instituto de Biologia, Universidad Nacional Autonomade Mexico, Serie Zoologia* 68: 291-315.

SEDUE (Secr. Des. Urb. Ecol., Dir. gen. Flora-Fauna Silv.-DGFFS) and FSW (Fish and Wildlife Service, U.S. Dept. Interior.-USDI). 1984. *Acuerdos de la X Reunion del Comité Conjunto México-Estados Unidos, para la conservación de le Flora y Fauna Silvestres*. Claremont, California.

SWCA, Inc. 1994. *Final Feasibility Assessment for a Multi-Species Management Program Lower Colorado River*. Glendale, California. [Appendices include the entire Endangered Species Act as currently amended as the final critical habitat designation for the listed Colorado river fishes].

- Sykes, G. 1926. The delta and estuary of the Colorado River. *Geogr. Review* 16: 232-255.
- Thomson, D.a. and W.H. Eger. 1966. Guide to the Families of the Common Fishes of the Gulf of California. Univ. Arizona Press. 53 pp.
- Thomson, D.A., L.T. Findley and A.N. Kerstitch. 1979. Reef Fishes of the Sea of Cortez. Wiley, New York. 302 pp.
- Tomson, D.A., A.R. Mead, and J.R. Schreiber, (eds). 1969. Environmental Impact of Brine Effluents on Gulf of California. US Dept. Interior, Research and Development Progress Report No. 387. 196 pp.
- Thomson, D.A. and K.A. Muench. 1976. Influence of tides and waves on the spawning behavior of the Gulf of California grunion, *Leuresthes sardina* (Jenkins and Evermann). *Bull. South. Calif. Acad. Sci.* 75: 198-203.
- Thomson, R.W. 1968. Tidal flat sedimentation on the Colorado River delta, northwestern Gulf of California. *Mem. Geol. Soc. Amer.* 107, 133 pp. and 1 map.
- Van Andel, T.H. and G.S. Shor, (eds). 1963. Marine Geology of the Gulf of California. Amer. Assoc. Petroleum Geol., Mem. 3.
- Valdes-Casillas, C., O. Hinojosa-Huerta, M. Munoz-Viveros, F. Zamora-Arroyo, Y. Carrillo-Guerrero, S. Delgado-Garcia, M. Lopez-Camacho, E.P. Glenn, J. Garcia, J. Riley, D. Baumgartner, M. Briggs,, C.T. Lee, E. Chavarria-Correa, C. Congdon, and D. Luecke. 1998. Information Database and Local Outreach Program for the Restoration of the Hardy River Wetlands, Lower Colorado River Delta, Baja California and Sonora, Mexico. Final report to North American Wetland Conservation Council, U.S. Fish and Wildlife Service. August, 1998. Guaymas, Sonora, Mexico: Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) - Campus Guaymas, Unidad de Informacion Biogeografica (UIB). 102pp.
- Valdes, C., E. P. Glenn, M. Briggs, C. Lee, C. Congdon, D. Baumgartner, Y. Cassillo-Guerrero, E. Chavattia-Correa, J. Garcia, O. Hhinojosa-Huerta, P. Johnson, J. King, D. Luecke, M. Munoz-Viveros, and J. Riley. Revegetation of the Colorado River delta, Mexico, by waste waters from the United States. Submitted for publication *Journal of Arid Environments*.
- Velez, O.P., M. Escamilla, and A. Reyes. 1978. En balance de sales del distrito de riego de Mexicali, B.C. *Natural Resources Journal* 18:49-67.
- Walker, B.W. 1960. The distribution and affinities of the marine fish fauna of the Gulf of California. *Syst. Zool.* 9: 123-133.
- Wells, H.W. 1961. The fauna of oyster beds with special reference to the salinity factor. *Ecol. Monogr.* 31: 239- .
- Zeitzschel, B. 1969. Primary productivity in the Gulf of California. *Mar. Biol.* 3: 201-207.
- Zengel, S.A., and E.P. Glenn 1996. Presence of the desert pupfish (*Cyprinodon macularius*) in Cienega de Santa Clara, Mexico, following an extensive drydown. *Southwestern Naturalist* (In Press).
- Zengel, S.A., V.J. Meretsky, E.P. Glenn, R.S. Felger, and D. ortiz. 1995 Cienega de Santa Clara, a remnant wetland in the Rio Colorado delta (Mexico): Vegetation distribution and the effects of water flow reduction.

Ecological Engineering 4:19-36.

## **RIVER FISH AND RIVER ECOLOGY**

Blodgett, J.C. 1971. Water temperatures of California streams, Colorado Desert subregion. US Geol. Surv., Water Resources Division, Open-file Report. 300 pp. (Data for Colorado R., Salt Creek, Whitewater R., New R., San Filipe Creek, etc.).

Carrier, J. and Richardson, J. 1992. The Colorado: a river at risk. Westcliffe Publishers, Englewood, Colorado.

Costa-Pierce, B.A. and R.W. Dole. 1997. Genetic identification and Status of Tilapia Regional Strains in Southern California. 28 pp. In: B.A. Costa-Peirce and J. Rakocy (eds.), Tilapia Aquaculture in the Americas. World Aquaculture Society Books, Baton rouge, Louisiana.

Dill, W.A. 1944. The fishery of the lower Colorado River. California Fish and Game 30: 49-70.

Dolan, R., A. Howard and A. Gallenson. 1974. Man's impact on the Colorado river in the Grand Canyon. Amer. Scient. 62: 392-401.

Gilbert, C.H. and N.B. Scofield. 1898. Notes on a collection of fishes from the Colorado Basin in Arizona. Proc. US. Nat. Mus. 20: 487-499.

Grizzell, R.A. 1976. Flood effects on stream ecosystems. J. Soil and Water Conserv. : 283-285.

Hamman, R.L. 1981. Spawning and culture of Colorado squawfish in raceways. Prog. Fish-Cult. 43(4): 173-177.

Hamman, R.L. 1982. Induced spawning and culture of bonytail. Prog. Fish-Cult. 44(4): 201-203.

Hamman, R.L. 1985a. Induced spawning of hatchery-reared razorback sucker. Prog. Fish-Cult. 47(3): 187-189.

Hamman, R.L. 1985b. Induced spawning of hatchery-reared bonytail. Prog. Fish-Cult. 47(4) 239-241.

Herbold, B. and P.B. Moyle. 1986. Introduced species and vacant niches. Amer. Nat. 128: 751-670.

Johnson, J.E. and J.N. Rinne. 1982. The Endangered Species Act and Southwest Fishes. Fisheries 7(4): 2-8.

La Rivers, I. and T.J. Trelease. 1952. An annotated checklist of the fishes of Nevada. California Fish and Game 38: 113-124.

Lehmkuhl, D.M. 1972. changes in thermal regime as a cause of reduction of benthic fauna downstream of a reservoir. J. Fish. Res. d. Canada 29: 1329-1332.

Maddock, T. 1976. A primer on floodplain dynamics. J. Soil and Water Conservation. : 44-47.

Miller, R.R. 1946. Correlation between fish distribution and Pleistocene hydrography in eastern California and Southwestern Nevada. J. Geol. 54: 43-53.



- Miller, R.R. 1952. Bait fishes of the lower Colorado River from Lake Mead, Nevada to Yuma, Arizona. *California Fish and Game* 38: 7-42.
- Miller, R.R. and J.R. Alcorn. 1943. The introduced fishes of Nevada, with a history of their introduction. *Trans. Amer. Fish. Soc.* 73: 173-193.
- Miller, R.R. 1981. Coevolution of deserts and pupfishes (Cyprinodon) in the American Southwest, pp. In: *Fishes in the North American Deserts*. Wiley, New York.
- Minckley, W.L. 1973. *Fishes of Arizona*. Arizona Fish and Game Department. 293 pp.
- Minckley, W.L. 1982. Trophic interrelations among introduced fishes in the lower Colorado River, Southwestern United States. *California Fish and Game* 68: 78-89.
- Minckley, W.L. 1983. Status of the razorback sucker, *Xyrauchen texanus* (Abbott), in the lower Colorado River. *The Southwestern Naturalist* 28: 165-187.
- Minckley, W.L. 1991. Native fishes of arid lands: A dwindling resource of the Desert Southwest. US Dept. Agric., Forest Service, General Technical Report RM-206. 45 pp.
- Minckley, W.L. and J.E. Deacon. 1968. Southwestern fishes and the enigma of "endangered species." *Science* 159: 1424-1432.
- Moyle, P.B. *Inland Fishes of California*. Univ. Calif. Press, Berkeley. 405 pp.
- Rhodes, S.L., D. Ely, and J.A. Dracup. 1984. Climate and the Colorado River: the limits of management. *Bulletin of the American Meteorological Society* 65:682-691.
- Schoenherr, A.R. 1981. The role of competition in the replacement of native fishes by introduced species. 173-203 pp. In: *Fishes in North American Deserts*. Wiley, New York.
- Snyder, J.O. 1915. Notes on a collection of fishes made by Dr. Edgar A. Means from rivers tributary to the Gulf of California. *Proc. US Nat. Mus.* 49: 573-586.
- Stocker, R. K. and N. T. Hagstrom. 1985. Control of submerged aquatic plants with triploid grass carp in Southern California irrigation canals, pp. 41-45. In: *Proc. 5th Annu. conf. & Int. Sympos. on applied lake and Watershed management*, Nov. 1985, Lake Geneva, Wisconsin.
- Trotzky, H.M. and R.W. Gregory. 1974. The effects of water flow manipulation below a hydroelectric power dam on bottom fauna of the upper Kennebec River Maine. *Trans. Amer. Fish. Soc.* 103: 318-324.
- Tyus, H.M. 1991. Management of Colorado River fishes. Pages 175-182 in *Warmwater Fisheries Symposium I*, US Dept. Agric., Forest Service, General Technical Report RM-207. 406 pp.
- Wertheimer, D.B. and J.H. Overturf. 1975. A history of biological research in the Grand Canyon region. *Plateau* 47: 123-139.
- Williams, J.D. 1981. Threatened desert fishes and the Endangered Species Act. 447-475 pp. In: *Fishes in North American Deserts*. Wiley, New York.

## **LAGUNA MACUATA**

Curtis, C.M. 1966. Sedimentology of the northern half of the Laguna Salada, Baja California. M.A. Thesis, Univ Southern California, Los Angeles.

Compean, J.G., O. Baylon, H. Robles, and E. Aranda. 1983. Estudio preliminar de la pesqueria de la Laguna Salada, B.C. Delegacion Federal de Pesca en Baja California.

Orcutt, C.R. 1891. A visit to Lake Maquata. *The West American Scientist* 7(59): 158-164.

## **RESERVOIR LIMNOLOGY**

Anderson, E.R. and D.W. Pritchard. 1951. Physical Limnology of Lake Mead. US Navy Electronics Laboratory (San Diego, CA), Report 258. 153 pp.

Hoffman, D.A. and R.A. Jones. 1973. Lake Mead: A case history, pp. In: *Man--made lakes: Their problems and environmental effects*, W. Ackerman, (ed). Amer. Geophys. Union, Washington, DC.

Johnson, N.M. and D. H. Merritt. 1979. Convective and advective circulation of Lake Powell, Utah-Arizona, during 1872-1975. *Water Resources Research* 15: 873-884.

Priscu, J.C., J. Verduin and G.E. Deacon. 1980. The fate of biogenic suspensoids in a desert reservoir, pp. 1657-1667. In: *Proc. Sympos. on Surface Water Impoundments*, ASCE, H.G. Stefan, ed., June 1980, Minneapolis, Minnesota.

Priscu, J.S., J. Verduin and J. E. Deacon. 1982. Primary productivity and nutrient balance in a lower Colorado River reservoir. *Arch. Hydrobiol.* 94:1-23.

## **TERRESTRIAL AND RIPARIAN ECOSYSTEMS**

Anderson, B.W., A. Higgins, and R.D. Ohmart. 1977. Avian use of salt cedar communities in the lower Colorado River valley. *Symposium on Importance, Preservation and Management of Riparian Habitat* (Tuscon, Arizona, July 1977). 128-136 pp.

Anderson, B.W. and R.D. Ohmart. 1975 A vegetation management study (Annual Report to Bureau of Reclamation). Dept. Zool. and Ctr. Envir. Stud., Arizona State Univ. (Tempe). 107 pp. Includes data on vegetation, birds, mammals, diversity, niche, overlap, etc.

Anderson, B.W. and R.D. Ohmart. 1976. A vegetation management study for the enhancement of wildlife along the lower Colorado River (Annual Report to Bureau of Reclamation). Dept. Zool. and Ctr. Envir. Stud., Arizona State Univ. (Tempe). 190 pp and 6 appendices.

Anderson, B.W. and R.D. Ohmart. 1976. Vegetation type maps of the lower Colorado River from Davis Dam to the southerly international boundary. *Ariz. State Univ. (Tempe). Dept Zool. and Ctr. Envir. Stud.* 23 maps.

Anderson, B.W. and R.D. Ohmart. 1977. A vegetation management study for enhancement of wildlife along the lower Colorado River (Annual Report to Bureau of Reclamation). Dept. Zool. and Ctr. Envir. Stud., Arizona State Univ. (Tempe). 285 pp. Include. data on birds, mammals, vegetation, etc.

- Anderson, B.W. and R.D. Ohmart. 1977. Wildlife use and densities report of birds and mammals in the lower Colorado River valley (Annual Report to Bureau of Reclamation). Dept. Zool. and Ctr. Envir. Stud., Arizona State Univ. (Tempe). 355 pp. (Include. data on birds and rodents).
- Anderson, B.W. and R.D. Ohmart. 1977. Climatological and physical characteristics affecting avian population estimates in southwestern riparian communities using transect counts. Sympos. on the Importance, Preservation and Management of the Riparian Habitat (Tucson, Arizona), 193-200 pp.
- Anderson, B.W. and R.D. Ohmart. 1977. Vegetation structure and bird use in the Lower Colorado River valley. Sympos. on Importance, Preservation and Management of Riparian Habitat (Tucson, Arizona). 23-24 pp.
- Anderson, B.W. and R.D. Ohmart. 1978. A vegetation management study for the enhancement of wildlife along the lower Colorado River (Annual Report to the Bureau of Reclamation). Dept. Zool. and Ctr. Envir. Stud., Arizona State Univ. (Tempe). 97 pp. Include. data on birds, mammals, outcome of revegetation projects.
- Anderson, B.W. and R.D. Ohmart. 1978. Phainopepla utilization of honey mesquite forests in the Colorado River valley. *Condor* 80: 334-338.
- Anderson, B.W. and R.D. Ohmart. 1979. Riparian revegetation: An approach to mitigating for disappearing habitat in the Southwest. Proc. Mitigation Symposium, Colorado State Univ., Fort Collins. 481-487 pp.
- Anderson, B.W. and R.D. Ohmart. 1981. Comparisons of avian census results using variable distance transect and variable circular plot techniques. *Studies in avian Biol.* 6: 186-192.
- Anderson, B.W., R.D. Ohmart, and S.D. Fretwell. 1982. Evidence for social regulation in some riparian bird populations. *Amer. Nat.* 120: 340-352.
- Anderson, B.W., R.D. Ohmart and J. Rice. 1981. Seasonal changes in avian densities and diversities. *Studies in Avian Biol.* 6: 262-264.
- Axelrod, D.I. 1977. Outline history of California vegetation. 139-193 pp. In: *Terrestrial Vegetation of California*, M.G. Barbour and J. Major, (eds). Wiley, New York.
- Berkstresser, C.F., Jr. 1969. Data for springs in the Colorado Desert area. US Geol. Surv., Water Resources Div., Open-file Report. 13 pp. (Water chemistry data for delta region.).
- Bowser, C.W. 1950. Water conservation through elimination of undesirable phreatophyte growth. *Trans. Amer. Geophys. Union.* 33: 72-74.
- Burk, J.H. 1977. Sonoran Desert, 869-889 pp. In: *Terrestrial Vegetation of California*, M.G. Barbour and J. Major, (eds). Wiley, New York.
- Cockerell, T.D. 1945. The Colorado Desert of California: Its origin and biota. *Trans. Kansas Acad. Sci.* 48: 1-59.
- Cockrum, E.L. 1982. *Mammals of the Southwest*. Univ. Arizona Press, Tucson.

- Coulombe, L.N. 1971. "Behavior and Population Ecology of the Burrowing Owl (*Speotyto Cunicularia*) in the Imperial Valley of California." *The Condor, Journal of the Cooper Ornithological Society*. May, 1971.
- Cramer, S.F. 1950. Activities of the South Pacific Division of the Corps of Engineers in the eradication and control of phreatophytes. *Transl. Amer. Geophys. Union* 33: 77-80.
- Culler, R.C. et al. 1970. Objectives, methods and environment - Gila River Phreatophyte Project, Graham County Arizona. *US Geol. Surv. Prof. Pap.* 655-A, 25 pp.
- Garrett, K. and J. Dunn. 1981. *Birds of Southern California: Status and Distribution*. National Audubon society, Los Angeles Chapter. 108 pp.
- Gatewood, J.S., T.W. Robinson, B.S. Colby J.D. Hem, and L.C. Halpenny. 1960. The use of water by bottom-land vegetation in lower Safford Valley, Arizona. *US Geol. Surv. Water Supply Pap.* 1103 p.
- Grinnell, J. 1914. An account of the mammals and birds of the lower Colorado valley. *Univ. Calif. Pub. Zool.* 12: 51-294.
- Howard, W.E. 1953. Nutria in California. *J. Mammal.* 34: 512-513.
- Ingram, W.M. 1959. Asiatic clams as potential pests in California water supplies. *J. Amer. Water Works Assoc.* 51:363-370.
- Jurek, R. 1975. Survey of Yuma clapper rails and California back rails along the Coachella Canal, Imperial County, May 1975. *Nongame Wildlife Investigations, Calif. Dept. fish and Game.* 2 pp.
- Kiffen, F.B. 1932. The natural landscape of the Colorado delta. *Univ. Calif. Pub. Geogr.* (5(4): 149-220, 30 pp and 1 map
- Lebo, A., L. Nitikman, and C. Salmen (eds). 1982. *San Sebastian Marsh: A Resource Survey and Management Plan, Imperial County, California*. University California Santa Cruz, Environmental Field Program, Pub. 9. 333 pp.
- Leopold, A.S. 1959. *Wildlife of Mexico: The Game Birds and Mammals*. Univ. California Press, Berkeley. 568 pp.
- Lower Colorado River Land Use Advisory Committee. 1964. *The Lower Colorado River Land Use Plan*. U.S. Dept. Interior. U.S. Govt. Printing Office, Washington, D.C. 187 pp.
- MacDougal, D.T. 1904. Botanical explorations in the Southwest. *J. New York. Bot. Garden* 5: 89-98.
- MacDougal, D.T. 1904. Delta and desert vegetation. *Bot. Gazette* 38: 44-63.
- MacDougal, D.T. 1906. The delta of the Rio Colorado. *Bull. Amer. Geogr. Soc.* 38: 1-16.
- MacDougal, D.T. 1907. The desert basins of the Colorado delta. *Bull. Amer. Geogr. Soc.* 39: 705-729.
- Marks, J.B. 1950. Vegetation and soil relations in the lower Colorado Desert. *Ecology* 31: 176-193.

- Meents, J.K., B.W. Anderson, and R.D. Ohmart. 1981. Vegetation characteristics associated with Abert's Towhee numbers in riparian habitats. *The Auk* 98: 818-827.
- Meents, J.K., B.W. Anderson, and R.D. Ohmart. 1982. Vegetation relationships and food of sage sparrows wintering in honey mesquite habitat. *Wilson Bull.* 94: 129-138.
- Ohmart, R.D. and B.W. Anderson. 1974. Vegetation management annual report (to Bureau of Reclamation). Dept. Zool., Arizona state Univ. (Tempe). unpaginated. Include. data on vegetation, birds, mammals, herpto fauna.
- Ohmart, R.D. and B.W. Anderson. 1978. Wildlife use values of wetlands in the arid southwestern United States. In: *Wetland Functions and Values: The State of Our Understanding*. 278-295 pp. (Amer. Water Resources Assoc).
- Ohmart, R.D., W.O. Deason, and C. Burke. 1977. A riparian case history: The Colorado River. *Sympos. on Importance, Preservation and Management of Riparian Habitat* (Tucson, Arizona, July 1977). 35-47 pp.
- Repking, C.F. and R.D. Ohmart. 1977. Distribution and density of Black Rail populations along the lower Colorado River. *Condor* 79: 486-489.
- Rice, J., B.W. Anderson, and R.D. Ohmart. 1980. Seasonal habitat selection by birds in the lower Colorado River valley. *Ecology* 61: 1402-1411.
- Rice, J., R.D. Ohmart and B. Anderson. 1981. Bird community use of riparian habitats: The importance of temporal scale in interpreting discriminant analysis. USDA Forest Service, General Tech. Rep. RM-87. 186-196 pp.
- Robinson, T.W. 1950. Phreatophytes and their relation to water in the western United States. *Trans. Amer. Geophys. Union* 33: 80-82.
- Robinson, T.W. 1965. Introduction, spread, and areal extent of salt cedar (*Tamarix*) in western states. *US Geol. Surv. Prof. Paper* 291-A. 12 pp.
- Rojas, L., R. Solis, G. Pozo and V. Sanchez. 1986. Vegetacion, fauna y conservacion del patrimonio natural en la franja fronteriza Mexico-Estados Unidos. Programa Desarrollo y Medio Ambiente, El Colegio de Mexico, Documentos de Trabajo PDMA/86/05. 57 pp.
- Rosenberg, K.V., R.D. Ohmart, and B.W. Anderson. 1982. Organization of riparian breeding birds: response to an annual resource peak. *The Auk* 99: 260-274.
- Ross, S., ed. 1983 ecology and development of the border region. Assoc. Nac. Univ. Inst. Enseñ. sup (ANUIES) and consortium U.S. Res. Progr. Mex. (PROFMEX), Mexico.
- Shantz, H.L. and R.L. Piemisel. 1924. Indicator significance of the natural vegetation of the southwestern desert region. *J. Agric. Res.* 28: 721-801.
- Shreve, F. 1924. Soil temperature as influenced by altitude and slope exposure. *Ecology* 5: 128-136.
- Shreve, F. and T.D. Mallory. 1933. The relation of caliche to desert plants. *Soil Science* 35: 99-112.

Shreve, F. and I.R. Wiggins. 1951. *Vegetation and Flora of the Sonora Desert*. Stanford Univ. Press, Stanford. 1740 pp.

Tinker, B. 1978. *Mexican Wilderness and Wildlife*. Univ. Texas. Press, Austin. 131 pp.

Turnage, W.V. and A.L. Hickley. 1938. Freezing weather in relation to plant distribution in the Sonoran Desert. *Ecol. Monogr.* 8: 529-550.

Vitt, L.J., and R.D. Ohmart. 1978. Herpetofauna of the lower Colorado River: Davis Dam to the Mexican Border. *Proceedings of the Western Foundation of Vertebrate Zoology* 2(2).

Walters, M.A., R.O. Teskey and T.M. Hinckley. 1980. Impact of water level changes on woody riparian and wetland communities, vol. VII: Mediterranean region, Western arid and semi-arid region. U.S. Dept. Interior, Fish and Wildlife Service, Biol. Services Progr. FWS/OBS-78/93. 84 pp.

Wells, D., B.W. Anderson, and R.D. Ohmart. 198?. Comparative avian use of southwestern citrus orchards and riparian communities. *J. Arizona-Nevada Acad. Sci.* 14: 53-58.

WESTEC Services. 1977. Survey of sensitive plants of the algodones dunes. WESTEC Services, Tustin, CA. 141 pp. and 5 appendices.

Yensen, N.P., E.P. Glenn, and M.R. Fontes. 1983. Biogeographical distribution of salt marsh halophytes on the coasts of the Sonoran Desert. *Desert plants* 5:76-88.

Young, R.L. 1981. The \$3.5 million leak. *Outdoor California*, Jan.-Feb. 1981, 7-9 pp. (Describes lining of Coachella Canal and consequent loss of riparian habitat).

## **AGRICULTURE AND AQUACULTURE**

Boyd, C.E. 1981. *Water quality in warm water fish ponds*. Auburn University Agricultural Experimental Station. Craftmaster Printers, Inc.

Bowen, J.T. 1970. A History of Fish Culture as Related to the Development of Fishery Programs. In: N.G. Benson (ed.), *A Century of North American Fisheries*. American Fisheries Society, Washington, D.C.

Brooks, G.G. 1990. The Effects of Salinity and Food Type on Larval Development, Growth, and Oxygen Consumption of Hybrid Golden Tilapia (*Oreochromis mossambicus* x *Creochromis uroiepis* hornrum). Masters Thesis, San Diego State University, San Diego, CA, USA.

Coche, A.G. and B. Chevassus, Ed. 1987 report of the symposium on selection, hybridization and genetic engineering in aquaculture. food and Agriculture Organization of the United Nations. Bordeaux, France.

Committee on Aquaculture. 1978. *Aquaculture in the United States. Constraints and Opportunities*. National Academy of Sciences, Washington, B.C., USA.

Cooley, T.N., P.M. Dooris, and D.F. Martin. 1990. Aeration as a tool to improve water quality and reduce the growth of Hydrilla. *Water Research* 14: 485-489.

deStanley, M. *the Salton Sea, Yesterday, and Today*. North Shore Marina, Inc.

- Fackelmann, K.A. 1992. Vitamin A-like drug may ward off cancers. (Use of Spirulina). *Science News* 141(22):358.
- Fish and Wildlife Service. 1992. Helping Aquaculture grow. fish and Wildlife Service, U.S. Department of the Interior.
- Ganstad, E.O., (ed). 1978. Weed Control Methods for River Basin Management. CRC Press, West Palm Beach, Florida.
- Hodson, R.G. 1991. Hybrid Striped Bass Culture in Ponds. In: J.P. McVey (ed.), *CRC Handbook of Mariculture, Volume II finfish Aquaculture*. CRC Press. Boston, MA, USA. 167-191 pp.
- Huner, J.V. and H.K. Dupree. 1991. Fish Farming Checklist. Excerpts from the Third Report to the fish Farmers, Fish and Wildlife Service, U.S. department of the Interior.
- Jensen, J. Channel Catfish Production in Ponds. Cooperative Extension Service, Auburn University, Alabama circular. UPS5M32, 5:86. ANR-195.
- Kaddah, M.T. and J.D. Rhoades. 1976. Salt and water balance in Imperial Valley, California. *Soil Soc. Amer. J.* 40: 93-100.
- Kocher, A.E. and W.G. Harper. 1928. Soil survey of the Coachella Valley area, California. US Dept Agric. Bur. of Chemistry and Soils, Soil Survey Rep. Series 1923. No 16. 485-535 pp. and color map.
- Landau, M. 1992. Introduction to Aquaculture. John Wiley and Sons, Inc. New York, New York, USA.
- McLarney, W. 1984. The Freshwater Aquaculture Book. A handbook for small scale fish culture in North America. Hartley and Marks. Point Roberts, Washington, USA.
- McVey, J.P. 1991. *CRC Handbook of Mariculture. Volume II. finfish aquaculture*. CRC Press. Boston, MA, USA.
- Muir, J.F. and R.J. Roberts. 1988. Recent Advances in Aquaculture. Westview Press. Boulder, Colorado, USA.
- Nayaka, N. et al. 1986. The effect of Spirulina on reduction of serum cholesterol. *Progress in medicine* 6:11.
- Noriega, S. 1969. Agricultural development in Mexico's northwest. M.A. Thesis, San Diego State University, San Diego.
- OECD. 1989. Aquaculture, A Review of Recent Experience. Organization for Economic Cooperation and Development. OECD, Paris, France.
- Ohlendorf, H.M., and J.P. Skorupa. 1989. Selenium in Relation to Wildlife and Agricultural Drainage Water. Proc. Fourth International Symposium on Uses of Selenium and Tellurium. S.C. Carapella, Jr., ed. pp 314-338 Selenium-Tellurium Development Association, Darien, CT.
- Perrier, E.R., A.J. MacKenzie, and R.P. Zimmerman. 1974. Physical and chemical properties of major Imperial Valley soils. US Dept. Agric., Agriculture Research Service. AARS W-17. 31 pp.

Ray, G. 1987. ESC Strikes DFG Catfish Fingerlings. *Aquatic Farming*. 10:1.

Schoenherr, A.A. 1985. Replacement of *Cyprinodon macularius* by *Tilapia zillii* in an irrigation drain near the Salton Sea, pp 65-66. In: Proc. Desert Fishes Council, vols. XIII-XV A, P. Pister, ed., Desert Fishes Council, Bishop, California.

Switzer, L. 1982. *Spirulina: The Whole Food Revolution*. Bantam Books. New York, New York, USA.

Thiery, R.G. 1991. Grasscarp in the Coachella Canal. 103-112 pp in *Warmwater Fisheries Symposium I*, US Dept. Agric., Forest Service, General Technical Report RM-207. 406 pp.

Venezian, E. and W. Gamble. 1969. *The Agricultural Development of Mexico*. Praeger, New York.

Vonshak, A., and A. Richmond. 1988. Mass production of the blue-green alga *Spirulina*: an overview. *Biomass* 15:233-247.

Yates, P.L. 1981. *Mexico's Agricultural Dilemma*. Univ. Arizona Press, Tucson.

## **PARALLEL REGIONS**

Cooperman, A. 1996. On a scale of 1 to 10, just how dead is it? (The Dead Sea is so dead, it may take a canal from the Red Sea to save it). *US News and World Report*. 12/9/1996. 59-60 pp.

Stanley, D.J., and A.G. Warner. 1993. Nile delta: recent geological evolution and human impact. *Science* 260:28-634.

Hammer, U.T. 1988. *Saline lake ecosystems of the world*. Dr. W. Junk Publishers, Dordrecht. The Netherlands.

[Basin-Delta Mothersite](#)

[Salton Sea Home Page](#)