

## PUBLICATIONS ON MONTEZUMA WELL, ARIZONA

- Blinn, D.W. and R.W. Davies. 1989. The evolutionary importance of mechanoreception in three erpobdellid leech species. *Oecologia* 79:6-9.
- Blinn, D.W. and R.W. Davies. 1989. New distributional records for leeches (Hirudinoidea) in Arizona. *Southwest. Nat.* 34:431-432.
- Blinn, D.W. and Davies, R.W. & B. Dehdashti. 1987. Specialized pelagic feeding by Erpobdellamontezuma (Hirundinea). *Holarctic Ecol.* 10:235-240.
- Blinn, D.W., Dehdashti, B., Runck, C. & R.W. Davies. 1990. The importance of prey size and density in an endemic predator-prey couple (leech Erpobdellamontezuma - amphipod Hyaellamontezuma). *J. Anim. Ecol.* 59:187-192.
- Blinn, D.W., Grossnickle, N. & B. Dehdashti. 1988. Diel vertical migration of a pelagic amphipod in the absence of fish predation. *Hydrobiologia* 160:165-171.
- Blinn, D.W. & D.B. Johnson. 1982. Filter-feeding of Hyaellamontezuma, an unusual behavior for a freshwater amphipod. *Freshwat. Invert. Biol.* 1:48-52.
- Blinn, D.W., Pinney, C. & M.W. Sanderson. 1982. Nocturnal planktonic behavior of Ranatramontezuma Polhemus (Nepidae: Hemiptera) in Montezuma Well, Arizona. *J. Kans. Entomol. Soc.* 55:481-484.
- Blinn, D.W., Pinney, C. & V.T. Wagner. 1987. Intraspecific discrimination of amphipod prey by a freshwater leech through mechanoreception. *Can. J. Zoology* 66:427-430.
- Blinn, D.W. & C. Runck. 1989. Seasonal egg densities and substratum requirements for oviposition and conditions for egg eclosion in Ranatramontezuma Polhemus (Heteroptera: Nepidae). *Ann. Entomol. Soc. of Amer.* 82:707-711.
- Blinn, D.W. & C. Runck. 1993. Importance of prey behaviour and prey density on the foraging ecology of Ranatramontezuma (Heteroptera): a serological examination. *Canadian Journal of Zoology* 71:387-391.
- Blinn, D.W. & M. Sanderson. 1989. Aquatic insects in Montezuma Well, Arizona, USA: a travertine spring mound with high alkalinity and dissolved carbon dioxide. *Great Basin Nat.* 49:85-88.
- Blinn, D.W., R.H. Hevly, & O.K. Davis. 1994. Continuous Holocene record of diatom stratigraphy, paleohydrology, and anthropogenic activity in a spring-mound in Southwestern United States. *Quaternary Research* 42:197-205.
- Blinn, D.W. & R.W. Davies. 1990. Concomitant diel vertical migration of a predatory leech and its amphipod prey. *Freshwat. Biol.* 24:401-407.
- Blinn, D.W., Wagner, V.T. & J. N. Grim. 1986. Surface sensilla on the predaceous fresh-water leech Erpobdellamontezuma: Possible importance in feeding. *Trans. Am. Microsc. Soc.* 105:21-30.
- Boucher, P., Blinn, D.W. & D.B. Johnson. 1984. Phytoplankton ecology in an unusually stable environment (Montezuma Well, Arizona USA). *Hydrobiologia* 119:149-160.
- Czarnecki, D.B. & D.W. Blinn. 1979. Observations on southwestern diatoms. II. Caloneislatiuscula var. reimeri n. var., Cyclotellapseudostelligera f. parva n.f., and Gomphonemamontezumense n. sp., new taxa from Montezuma Well National Monument. *Trans. Amer. Microsc. Soc.* 98:110-114.
- Davies, R.W., Blinn, D.W., & B. Dehdashti. 1987. The comparative ecology of three species of Erpobdellidae (Annelida: Hirudinoidea). *Archiv für Hydrobiol.*

111:601-614.

- Davies, R.W., Singhal, R.N. & D.W. Blinn. 1985. Erpobdellamontezuma (Hirudinoidea: Erpobdellidae) a new species of freshwater leech from North America (Arizona, USA). *Can. J. Zool.* 63:965-969.
- Dehdashti, B. & D.W. Blinn. 1986. A bryozoan from an unexplored cave at Montezuma Well, Arizona. *Southwest. Nat.* 31:557-558.
- Dehdashti, B. & D.W. Blinn. 1991. Population dynamics and production of the pelagic amphipod Hyaellamontezuma in a thermally constant system. *Freshwat. Biol.* 25:131-141.
- English, D., Alam, T.M. & D.W. Blinn. 1986. Electrophoretic characterization of Hyaella montezuma: an endemic filter feeding amphipod. *J. Heredity* 77:284-285.
- Govedich, F.R., D.W. Blinn, P. Keim, & R.W. Davies. 1998. Phylogenetic relationships of three genera of Erpobdellidae (Hirudinoidea) with a description of a new genus (Motobdella) and species, M. sedonensis. *Canadian Journal of Zoology* 76:2164-2171.
- Govedich, F.R., D.W. Blinn, P. Keim, R.W. Davies. 1999. Cryptic radiation in erpobdellid leeches in xeric landscapes: A molecular analysis of population differentiation. *Canadian Journal of Zoology* 77:1-7.
- Kalarani, V., D.C. Reddy, D.W. Blinn, R.W. Davies. 1993. Interspecific differences in respiration and energy storage reserves in two freshwater predatory leeches from ecosystems of contrasting stability. *Comparative Biochemistry and Physiology* 104A:239-242.
- Nations, J.D., Hevly, R.H. Landye, J.J. & D.W. Blinn. 1982. The paleontology, paleoecology and depositional history of the Miocene-Pliocene Verde Formation, Yavapai County, Arizona. *Arizona Geol. Soc. Digest* 23:123-149.
- Oberlin, G. & D.W. Blinn. 1997. The affect of temperature on the metabolism and behaviour of an endemic amphipod, Hyaellamontezuma from Montezuma Well. *Freshwater Biology* 37:55-59.
- O'Brien, C. & D.W. Blinn. 1999. The endemic spring snail Pyrgulopsis montezumensis in a high CO<sub>2</sub> environment: Importance of extreme chemical habitats as refugia. *Freshwater Biology* 42:225-234.
- Runck, C. & D.W. Blinn. 1990. Population dynamics and secondary production by Ranatramontezuma (Heteroptera: Nepidae). *J. North Am. Benthol. Soc.* 9:262-270.
- Runck, C. & D.W. Blinn. 1992. Foraging ecology of Ranatramontezuma (Heteroptera): an optimal forager in Montezuma Well, Arizona. Issue 2. *Limnology and Aquatic Biology of the Southwest. J. Arizona-Nevada Academy of Science* 26:119-129.
- Runck, C. & D.W. Blinn. 1993. Secondary productivity by Telebasissalva (Odonata) in a thermally constant aquatic ecosystem. *Journal of the North American Benthological Society* 12:136-147.
- Runck, C. & D.W. Blinn. 1994. Role of Belostomabakeri (Heteroptera) in a trophic ecology of a fishless desert spring. *Limnology and Oceanography* 39:1800-1812.
- Runck, C. & D.W. Blinn. 1995. Daily energy ingestion by the predatory Ranatra montezuma (Heteroptera) on two prey types: importance of prey behaviour. *Ecoscience* 2:280-285.

- Thomas, P. & D.W. Blinn. 1991. Habitat partitioning by congeneric amphipod species in Montezuma Well, Arizona. North American Benthological Society. Sante Fe, NM. Abstr.
- Thomas, P., D.W. Blinn & P. Keim. 1994. Speciation among congeneric amphipods in aquatic systems in northern Arizona. Journal of the North American Benthological Society 13:100-109.
- Thomas, P., D.W. Blinn & P. Keim. 1994. A test of an allopatric speciation model for congeneric amphipods in an isolated aquatic ecosystem. J. North American Benthological Society. 13:100-109.
- Thomas, P., D.W. Blinn, & P. Keim. 1997. Genetic and behavioural divergence among desert spring amphipod populations. Freshwater Biology 38:137-143.
- Thomas, P., D.W. & P.Keim. 1998. Do xeric landscapes increase genetic divergence in aquatic ecosystems? Freshwater Biology 40:587-593.
- Wagner, V.T. & D.W. Blinn. 1987. A comparative study of the maxillary setae two co-existing species of Hyaella (Amphipoda), a filter feeder and a detritus feeder. Archiv fur Hydrobiol. 109:409-419.
- Wagner, V.T. & D.W. Blinn. 1987. Montezuma Well: The living desert oasis. National Park Service Brochure. 8 pp.