

# SWRS Bibliography

- Abell, A.J.  
1996. The evolution of male display traits in the striped plateau lizard: selection and proximate mechanisms. Ph.D. dissertation, University of Chicago. 132 pp.
- Abell, A.J.  
1997. Estimating paternity with spatial behaviour and DNA fingerprinting in the striped plateau lizard, *Sceloporus virgatus* (Phrynosomatidae). *Behav. Ecol. Sociobiol* 41:217-226.
- Abell, A.J.  
1998. The effect of exogenous testosterone on growth and secondary sexual character development in juveniles of *Sceloporus virgatus*. *Herpetologica* 54:533-543.
- Abell, A.J.  
1998. Phenotypic correlates of male survivorship and reproductive success in the striped plateau lizard, *Sceloporus virgatus*. *Herpetological Journal* 8:173-180.
- Abell, A.J.  
1998. Reproductive and post-reproductive hormone levels in the lizard *Sceloporus virgatus*. *Acta Zool. Mex.* 74:43-57.
- Abell, A.J.  
1999. Male-female spacing patterns in the lizard, *Sceloporus virgatus*. *Amphib-Reptilia* 20:185-194.
- Abell, A.J.  
1999. Variation in clutch size and offspring size relative to environmental conditions in the lizard *Sceloporus virgatus*. *J. Herpetol.* 33:173-180.
- Adler, F.R., and D.M. Gordon.  
1992. Information collection and spread by networks of patrolling ants. *American Naturalist* 40:373-400.
- Adler, F.R., and D.M. Gordon.  
2003. Optimization, conflict, and non-overlapping foraging ranges in ants. *Amer. Nat.* 162:529-543.
- Aguiar, A.C. G.A.R. Melo, J.G. Rozen Jr., and I. Alves-dos-Santos.  
2004. Synopsis of the nesting biology of Tapinotaspidini bees (Apidae: Apinae). *Proceedings of the 8<sup>th</sup> International Conference on Tropical Bees and VI Encontro sobre Abelhas.* pp. 80-85.
- Alcock, J.  
1985. Reproductive behavior of *Cordulegaster diadema* Selys. *Odonatologica* 14:313-317.
- Alcock, J.  
1987. The effects of experimental manipulation of resources on the behavior of two calopterygid damselflies that exhibit resource-defense polygyny. *Can. J. Zool.* 65:2475-2482.
- Alcock, J.  
1987. Male reproductive tactics in the libellulid dragonfly *Paltothermis lineatipes*: temporal partitioning of territories. *Behaviour* 103:157-173.
- Alexander, B., and J.G. Rozen, Jr.  
1987. Ovaries, ovarioles, and oocytes in parasitic bees (Hymenoptera: Apoidea). *Pan-Pac. Entomol.* 63:155-164.
- Anderson, A.N.  
1997. Functional groups and patterns of organization in North American ant communities: a comparison with Australia. *J. Biogeogr.* 24:433-460.
- Anderson, J.O., and G. Monson.  
1981. *Berylline* hummingbirds nest in Arizona. *Continental Birdlife* 2:56-62.
- Anderson, R.A., and W.A. Weber.  
1962. Two new species of *Parmelia* from western United States (Lichens). *Bryologist* 65:234-241.
- Anderson, W., T. Dobzhansky, O. Pavlosky, J. Powell, and D. Yardley.  
1975. Genetics of natural populations XLII. Three decades of genetic change in *Drosophila pseudoobscura*. *Evolution* 29:24-36.
- Andrews, F.G.  
2001. A new species of *Corticarina* from Arizona (Latriidiidae: Corticariini). *Pan-Pacific Entomologist* 77:37-38.
- Andrews, R.M.  
1984. Energetics of sit-and-wait and widely-searching lizard predators. Pp. 137-145 in

# SWRS Bibliography

- Vertebrate ecology and systematics, R.A. Seigel, L.E. Hunt, J.L. Knight, L. Malaret, and N.L. Zuschlag, eds. University of Kansas, Lawrence, Kansas.
- Andrews, R.M. and T. Mathies.  
2000. Natural history of reptilian development: constraints on the evolution of viviparity. *Bioscience* 50:227- 238.
- Andrews, R.M. and T. Mathies.  
2000. Natural history of reptilian development: constraints on the evolution of viviparity. *Bioscience* 50:227- 238.
- Andrews, R.M., T. Mathies, C.P. Qualls, and F.J. Qualls.  
1999. Rates of embryonic development of *Sceloporus* lizards: do cold climates favor the evolution of rapid development? *Copeia* 1999:692-700.
- Andrews, R.M., C.P. Qualls, and B.R. Rose.  
1997. Effects of low temperature on embryonic development of *Sceloporus* lizards. *Copeia* 1997:827-833.
- Andrews, R.M., and B.R. Rose.  
1994. Evolution of viviparity: constraints on egg retention. *Physiol. Zool.* 67:1006-1024.
- Armstrong, A., M.L. Silberman, V.R. Todd, W.C. Hoggatt, and R.B. Carten.  
1978. Geology of central Peloncillo Mountains, Hidalgo County, New Mexico. New Mexico Bureau of Mines and Mineral Resources, Circular 158:1-19.
- Arnaud, P.H.  
1972. Sound production in *Agrilus pulchellus* Bland (Coleoptera: Buprestidae). *Pan-Pac. Entomol.* 48:69.
- Atmar, W.  
1992. On the role of males. Pp. 123-126 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Atmar, W., and B.D. Patterson.  
1993. The measure of order and disorder in the distribution of species in fragmented habitat. *Oecologia* 96:373-382.
- Atmar, W., and B.D. Patterson.  
1992. On the measure of order and disorder in ecological communities on archipelagos. Pp. 119-122 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Baird, C.R.  
1997. Bionomics of *Cuterebra austeni* (Diptera: Cuterebridae) and its association with *Neotoma albigula* (Rodentia: Cricetidae) in the southwestern United States. *J. Med. Entomol.* 34:690-695.
- Baker, C.W.  
1968. Larval taxonomy of the Troginae in North America with notes on biologies and life histories (Coleoptera: Scarabaeidae). *U. S. Natl. Mus. Bull.* 279:1-79.
- Baker, E.W., and D.M. Tuttle.  
1972. New species and further notes on the tetranychoides mostly from the southwestern U.S. (Acarina: Tetranychidae and Tenuipalpidae). *Smithson. Contrib. Zool.* 116:1-37.
- Balda, R.P.  
1967. Ecological relationships of the breeding birds of the Chiricahua Mountains, Arizona. Ph.D. dissertation, University of Illinois, Urbana. 218 pp.
- Balda, R.P.  
1969. Foliage use by birds of the oak-juniper woodland and ponderosa pine forest in southeastern Arizona. *Condor* 71:399-412.
- Ballinger, R.E., and R.A. Ballinger.  
1979. Food resource utilization during periods of low and high food availability in *Sceloporus jarrovi* (Sauria: Iguanidae). *Southwest. Nat.* 24:347-363.
- Barber, D.R., P.M. Barber, and P.G. Jablonski, eds.  
2000. Painted Redstart (*Myioborus pictus*). *The Birds of North America, Inc.*, Philadelphia, PA. 1-15 pp.
- Barbour, R.W., and W.H. Davis.  
1969. *Bats of America*. University Press of Kentucky. 254 pp.

# SWRS Bibliography

- Barkan, C.P.L., J.L. Craig, S.D. Strahl, A.M. Stewart, and J.L. Brown.  
1986. Social dominance in communal Mexican jays *Aphelocoma ultramarina*. *Anim. Behav.* 34:175-187.
- Barton, A.M.  
1991. Factors controlling the elevational positions of pines in the Chiricahua Mountains, Arizona: drought, competition, and fire. Ph.D. dissertation, University of Michigan. 161 pp.
- Barton, A.M.  
1993. Factors controlling plant distributions: drought, competition, and fire in montane pines in Arizona. *Ecol. Monogr.* 63:367-397.
- Barton, A.M.  
1999. Pines versus oaks: effects of fire on the composition of Madrean forests in Arizona. *Forest Ecology and Management* 120:143-156.
- Barton, A.M.  
1992. Factors controlling plant distributions: drought, competition, and fire in pines in the Chiricahua Mountains. Pp. 19-22 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Barton, A.M.  
1992. Factors controlling lower elevational limits of plants: responses of pines to drought in the Chiricahua Mountains, Arizona. Pp. 191-194, in Symposium on ecology and management of oak and associated woodlands: perspectives in the southwestern US and northern Mexico. USDA Forest Service, Rocky Mountain Forest and Range Experimental Station, General Technical Report RM-218.
- Barton, A.M.  
1994. Gradient analysis of relationships among fire, environment, and vegetation in a southwestern USA mountain range. *Bull. Torrey Bot. Club* 121:251-265.
- Barton, A.M.  
1995. Fire adaptations in pines and oaks: tree population responses to fire suppression in Arizona's Madrean forests. Pp. 159-163 in J.K. Brown, R.W. Mutch, C.W. Spoon, and R.H. Wakimoto, technical coordinators, Proceedings: symposium on fire in wilderness and park management: 1993 March 30-April 1; Missoula, Mt. Tech. Rep. INT-GTR-320, U.S. Forest Service, Intermountain Research Station, Ogden, Ut.
- Barton, A.M.  
1999. Pines versus oaks: effects of fire on the composition of Madrean forests in Arizona. *Forest Ecology and Management* 120:143-156.
- Barton, A.M.  
2002. Intense wildfire in southeastern Arizona: transformation of a Madrean oak-pine forest to oak woodland. *Forest Ecology and Management* 165:205-212.
- Barton, A.M., and S.A. Sloane, eds.  
1992. Chiricahua Mountains research symposium proceedings. Southwest Parks and Monuments Association, Tucson. 126 pp.
- Barton, A.M., T.W. Swetnam, and C.H. Baisan.  
2001. Arizona pine (*Pinus arizonica*) stand dynamics: local and regional factors in a fire-prone madrean gallery forest of Southeast Arizona, USA. *Landscape Ecology* 16:351-369.
- Barton, A.M., and J.A. Teeri.  
1993. The ecology of elevational positions in plants: drought resistance in five montane pine species in southeastern Arizona. *Am. J. Bot.* 80:15-25.
- Barton, K.E., N.J. Sanders, and D.M. Gordon.  
2002. The effects of proximity and colony age on interspecific interference competition between the desert ants *Pogonomyrmex barbatus* and *Aphaenogaster cockerelli*. *Am. Midl. Nat.* 148:76-182.
- Beck, D.D., M.R. Dohm, T. Garland, Jr., A. Ramirez-Bautista, and C.H. Lowe.  
1995. Locomotor performance and activity energetics of helodermatid lizards. *Copeia* 1995:577-585.
- Behrstock, R. A., and P. H. Sullivan. "Arizona Records of *Campylacantha Olivacea* (Scudder) (Orthoptera: Acrididae)." *Metaleptea* 35(3) (Sept. 2015): 16-18. Print.

# SWRS Bibliography

- Bell, G.P.  
1980. Habitat use and response to patches of prey by desert insectivorous bats. *Can. J. Zool.* 58:1876-1883.
- Bell, G.P.  
1980. A possible case of interspecific transmission of rabies in insectivorous bats. *J. Mammal* 61:528-530.
- Beltran Sanchez, E., F. Mendoza Quijano, and W.C. Sherbrooke.  
2000. Geographic Distribution of *Phrynosoma orbiculare*. *Herpetol. Rev.* 31:54.
- Beltran-Sanchez, E., F. Mendoza-Quijano, and W.C. Sherbrooke.  
2005. Aspectos reproductivos del camaleon viviparo *Phrynosoma taurus* (Sauria: Phrynosomatidae) de Zumpango del Rio, Guerrero. *Bol. Soc. Herpetol. Mex.* 13:35-39.
- Bennett, P.S., and M.R. Kunzmann.  
1992. Terrain roughness, a feature related to high plant species richness in the Madrean biogeographic region. P. (unnumbered) in Border States Conference, U.S. Park Service, Las Cruces, N. M.
- Bennett, P.S., and M.R. Kunzmann.  
1992. Factors affecting plant species richness in the Madrean Archipelago north of Mexico. Pp. 23-26 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Bennett, S.G.  
1977. Ecology and systematics of trombiculid mites on lizards from southern Arizona. M.A. thesis, California State University, Long Beach. 163 pp.
- Beverly, B., H. McLendon, S. Nacu, S. Holmes, and D.M. Gordon.  
2009. How site fidelity leads to individual differences in the foraging activity of harvester ants. *Behavioral Ecology* 20:633-638.
- Bezy, R.L. and C.J. Cole  
2014. Amphibians & Reptiles of the Madrean Archipelago of Arizona & New Mexico. 3810, 23 pp.
- Billy, A.J., and D. Crews.  
1986. The effects of sex steroid treatment on sexual differentiation in a unisexual lizard, *Cnemidophorus uniparens* (Teiidae). *J. Morphol.* 187:129-142.
- Bishop, N.  
2000. Hunting the horned lizard. Pacific Learning, Huntington Beach, CA. 32 pp.
- Bissinger, B.E.  
1983. Homing behavior, sun-compass orientation and thermo-regulation in the lizard *Sceloporus jarrovi*: the role of the parietal eye. Ph.D. dissertation, City University of New York, New York. 154 pp.
- Bissinger, B.E., and C.A. Simon.  
1979. Comparison of tongue extrusions in representatives of six families of lizards (Reptilia: Lacertilia). *J. Herpetol.* 13:133-139.
- Bissinger, B.E., and C.A. Simon.  
1981. The chemical detection of conspecifics by juvenile Yarrow's spiny lizard, *Sceloporus jarrovi*. *J. Herpetol.* 15:77-81.
- Boersma, Kate S. , Bogan, Michael T, Brian A Henrichs and David A. Lytle  
2013. Invertebrate assemblages of pools in arid-land streams have high functional redundancy and are resistant to severe drying. *Freshwater Biology*, 2013 10.1111/fwb.12280.
- Boersma, Kate S. and Bogan, Michael T  
2012. Aerial dispersal of aquatic invertebrates along and away from arid-land streams. *Freshwater Science*, 2012, 31(4):1131-1144.
- Bogan, Michael T. and Kate S. Boersma.  
2012. Aerial dispersal of aquatic invertebrates along and away from arid-land streams. *Freshwater Science*, 2012, 31(4):1131-1144.
- Bogert, C.M., and V.D. Roth.  
1966. Ritualistic combat of male gopher snakes, *Pituophis melanoleucus affinis* (Reptilia, Colubridae). *Am. Mus. Novit.* 2245:1-27.
- Bonine, K.E., T.T. Gleeson, and J.T. Garland.  
2001. Comparative analysis of fiber-type composition in the iliofibularis muscle of phrynosomatid lizards (Squamata). *J. Morph.* 250:265-280.

# SWRS Bibliography

- Bonine, K.E., and J. T. Garland.  
1999. Sprint performance of phrynosomatid lizards, measurement on a high-speed treadmill, correlates with hindlimb length. *J. Zool., Lond.* 248:255-265.
- Borrer, D.J.  
1968. Unusual songs in passerine birds. *Ohio J. Sci.* 68:129-138.
- Bott, K., T. Brown, and D. Eifler.  
2001. *Phrynosoma cornutum* (Texas Horned Lizard). *Diet. Herpetological Review* 32:41.
- Bowen, B.S., R.R. Koford, and J.L. Brown.  
1995. Genetic evidence for undetected alleles and unexpected parentage in the gray-breasted jay. *Condor* 97:503-511.
- Brady, A.R.  
1962. The spider genus *Sosippus* in North America, Mexico, and Central America (Araneae, Lycosidae). *Psyche* 69:129-164.
- Brady, A.R.  
1964. The lynx spiders of North America, north of Mexico (Araneae: Oxyopidae). *Bull. Mus. Comp. Zool.* 131:429-518.
- Brady, A.R.  
1969. A reconsideration of the *Oxyopes apollo* species group with the descriptions of two new species (Araneae: Oxyopidae). *Psyche* 76:426-438.
- Brady, A.R.  
1970. The lynx spider genus *Hamatallwa* in Mexico and Central America (Araneae: Oxyopidae). *Bull. Mus. Comp. Zool.* 140:75-128.
- Brady, A.R.  
1979. Nearctic species of the wolf spider genus *Trochosa* (Araneae: Lycosidae). *Psyche* 86:1-54.
- Brown, C.A.  
2001. Allometry of offspring size and number in scorpions. Pp. 307-315 in V. Fet and P.A. Selden, eds., *Scorpions 2001*. In Memoriam Gary A. Polis. British Arachnological Society, Burnham Beeches, United Kingdom.
- Brown, C.A.  
2004. Life history of four species of scorpion in three families (Buthidae, Diplocentridae, Vaejovidae) from Arizona and New Mexico. *J. Arachnol.* 32:193-207.
- Brown, C.R.  
1983. Vocalizations and behavior of violet-green swallows in the Chiricahua Mountains, Arizona. *Wilson Bull.* 95:142-145.
- Brown, H.A.  
1967. High temperature tolerance of the eggs of a desert anuran *Scaphiopus hammondi*. *Copeia* 1967:365-370.
- Brown, H.A.  
1968. Embryonic temperature adaptations and genetic compatibility in two allopatric populations of the spadefoot toad, *Scaphiopus hammondi*. *Evolution* 21:742-761.
- Brown, H.A.  
1969. The heat resistance of some anuran tadpoles (Hylidae and Pelobatidae). *Copeia* 1969:138-147.
- Brown, H.P., and C.M. Murvosh.  
1974. A revision of the genus *Psephenus* (water-penny beetles) of the United States and Canada (Coleoptera, Dryopoidea, Psephenidae). *Trans. Am. Entomol. Soc.* 100:289-340.
- Brown, J.L.  
1963. Social organization and behavior of the Mexican jay. *Condor* 65:126-153.
- Brown, J.L.  
1970. Cooperative breeding and altruistic behavior in the Mexican jay, *Aphelocoma ultramarina*. *Anim. Behav.* 18:366-378.
- Brown, J.L.  
1972. Communal feeding of nestlings in the Mexican jay (*Aphelocoma ultramarina*): interflock comparisons. *Anim. Behav.* 20:395-403.
- Brown, J.L.

# SWRS Bibliography

1974. Alternate routes to sociality in jays  $\bar{N}$  with a theory for the evolution of altruism and communal breeding. *Am. Zool.* 14:63-80.
- Brown, J.L.  
1983. Communal harvesting of a transient food resource in the Mexican jay. *Wilson Bull.* 95:286-287.
- Brown, J.L.  
1983. Cooperation - a biologist's dilemma. *Adv. Study Behav.* 13:1-37.
- Brown, J.L.  
1987. Helping and communal breeding in birds: ecology and evolution. Princeton University Press, Princeton. 354 pp.
- Brown, J.L.  
1994. Mexican jay (*Aphelocoma ultramarina*). Pp. 1-16 in *The birds of North America*, No. 118, A. Poole and F. Gill, eds. The Academy of Natural Sciences, Philadelphia, PA; The American Ornithologists' Union, Washington, DC.
- Brown, J.L., and N. Bhagabati.  
1998. Variation in mass, wing, and culmen with age, sex, and season in the Mexican jay. *J. Field Ornithol.* 69:18-29.
- Brown, J.L., and E.R. Brown.  
1980. Reciprocal aid-giving in a communal bird. *Z. Tierpsychol.* 53:313-324.
- Brown, J.L., and E.R. Brown.  
1981. Extended family system in a communal bird. *Science* 211:959-960.
- Brown, J.L., and E.R. Brown.  
1984. Parental facilitation: parent-offspring relations in communally breeding birds. *Behav. Ecol. Sociobiol.* 14:203-209.
- Brown, J.L., and E.R. Brown.  
1985. Ecological correlates of group size in a communally breeding jay. *Condor* 87:309-315.
- Brown, J.L., and E.R. Brown.  
1992. A long term study of the Mexican jay in the Chiricahua Mountains. Pp. 1-5 in *Chiricahua Mountains research symposium proceedings*, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Brown, J.L., and E.R. Brown.  
1990. Mexican jays: uncooperative breeding. Pp. 269-288 in *Cooperative breeding in birds*, P.B. Stacey and W.D. Koenig, eds. Cambridge University Press, Cambridge, Mass.
- Brown, J.L., E.R. Brown, J. Sedransk, and S. Ritter.  
1997. Dominance, age, and reproductive success in a complex society: a long-term study of the Mexican jay. *Auk* 114:279-286.
- Brown, J.L., and S. Li.  
1996. Delayed effect of monsoon rains influencing laying date of a passerine bird living in an arid environment. *Condor* 98:879-884.
- Brown, J.L., S. Li, and N. Bhagabati.  
1999. Long-term trend toward earlier breeding in an American bird: a response to global warming? *Proc. Natl. Acad. Sci. USA* 96:5565-5569.
- Brown, J.L., and S.L. Pimm.  
1985. The origin of helping: the role of variability in reproductive potential. *J. Theor. Biol.* 112:465-477.
- Brown, L.E., and J.R. Pierce.  
1967. Male-male interactions and chorusing intensities of the Great Plains toad, *Bufo cognatus*. *Copeia* 1967:149-154.
- Brown, M.J.F. and D.M. Gordon.  
1997. Individual specialization and encounters between harvester ant colonies. *Behaviour* 134:849-866.
- Brown, M.J.F. and D.M. Gordon.  
2000. How resources and encounters affect the distribution of foraging activity in a seed-harvesting ant. *Behav. Ecol. Sociobiol.* 47:195-203.
- Brown, S.W.



# SWRS Bibliography

1959. Lecanoid chromosome behavior in three more families of the Coccoidea (Homoptera). *Chromosoma (Berl.)* 10:278-300.
- Brown, S.W.  
1960. Spontaneous chromosome fragmentation in the armored scale insects (Coccoidea-Diaspididae). *J. Morphol.* 106:159-185.
- Bruce, J.P., J.S. Quinn, S.A. Sloane, and B.N. White.  
1996. DNA fingerprinting reveals monogamy in the bushtit, a cooperatively breeding species. *Auk* 113:511-516.
- Bryan, C.R.  
1988. Geology and geochemistry of mid-tertiary volcanic rocks in the eastern Chiricahua Mountains, southeastern Arizona. M.S. thesis, University of New Mexico, N.M. 137 pp.
- Bryan, C.R.  
1989. Excursion 7A: Mid-tertiary volcanism in the eastern Chiricahuas: the Portal Caldera. *New Mexico Bureau of Mines and Mineral Resources Memoir* 46:153-157.
- Bryan, C.R.  
1995. Stratigraphy, chemistry and petrogenesis of volcanic rocks of the mid-Tertiary Boot Heel Volcanic Field, southwestern New Mexico and southeastern Arizona. PhD. Diss., University of New Mexico, Albuquerque. 272 pp.
- Buchmann, S.L., and J.H. Cane.  
1989. Bees assess pollen returns while sonicating *Solanum* flowers. *Oecologia* 81:289-294.
- Bulova, S.J.  
1994. Ecological correlates of population and individual variation in antipredator behavior of two species of desert lizards. *Copeia* 1994:980-992.
- Burgett, D.M., and R.G. Young.  
1974. Lipid storage by honey ant repletes. *Ann. Entomol. Soc. Am.* 67:743-744.
- Burns, J.M.  
1984. Evolutionary differentiation: differentiating gold-banded skippers - *Autochton cellus* and more (Lepidoptera: HesperIIDae: Pyrginae). *Smithson. Contrib. Zool.* 405:1-38.
- Butler, G.D., Jr.  
1965. A modified Malaise insect trap. *Pan.-Pac. Entomol.* 41:51-53.
- Cable, J., and R.C. Tinsley.  
1991. Intra-uterine larval development in the polystomatid monogeneans *Pseudodiplorchis americanus* and *Neodiplorchis scaphiopodis*. *Parasitology* 103:253-266.
- Cable, J., and R.C. Tinsley.  
1991. The ultrastructure of photoreceptors in *Pseudodiplorchis americanus* and *Neodiplorchis scaphiopodis* (Monogenea: Polystomatidae). *Int. J. Parasitol.* 21:81-90.
- Cable, J., and R.C. Tinsley.  
1992. Microsporidean hyperparasites and bacteria associated with *Pseudodiplorchis americanus* (Monogenea: Polystomatidae). *Can. J. Zool.* 70:523-529.
- Cable, J., and R.C. Tinsley  
1992. Tegumental ultrastructure of *Pseudodiplorchis americanus* larvae (Monogenea: Polystomatidae). *Int. J. Parasitol.* 22:819-829.
- Cable, J., and R.C. Tinsley.  
1992. Unique ultrastructural adaptations of *Pseudodiplorchis americanus* (Polystomatidae: Monogenea) to a sequence of hostile conditions following host infection. *Parasitology* 105:229-241.
- Cable, J., and R.C. Tinsley.  
1993. The ultrastructure of spermatogenesis and spermatozoa in *Pseudodiplorchis americanus* (Monogenea: Polystomatidae). *Can. J. Zool.* 71:1609-1619.
- Cable, J., K. Tocque, and R.C. Tinsley.  
1997. Histological analysis of the egg capsule of the ovoviviparous polystomatid monogenean, *Pseudodiplorchis americanus*. *Int. J. Parasitol.* 27:1075-1080.
- Cahan, S.H., and L. Keller  
2003. Complex hybrid origin of genetic caste determination in harvester ants. *Nature* 424:306-309.
- Cahan, S.H., J.D. Parker, S.W. Rissing, R.A. Johnson, T.S. Polony, M.D. Weiser, and D.R. Smith.

# SWRS Bibliography

2002. Extreme genetic differences between queens and workers in hybridizing Pogonomyrmex harvester ants. *Proceedings of the Royal Society of London, B*, 269:1871-1877.
- Cane, J.H.  
1983. Chemical evolution and chemosystematics of the Dufour's gland secretions of the lactone-producing bees (Hymenoptera: Colletidae, Halictidae, Oxaeidae). *Evolution* 37:657-674.
- Cane, J.H.  
1983. Preliminary chemosystematics of the Andrenidae and exocrine lipid evolution of the short-tongued bees (Hymenoptera: Apoidea). *Syst. Zool.* 32:417-430.
- Cane, J.H.  
1986. Predator deterrence by mandibular gland secretions of bees (Hymenoptera: Apoidea). *J. Chem. Ecol.* 12:1295-1309.
- Cane, J.H., and R.W. Brooks.  
1983. Dufour's gland lipid chemistry of three species of Centris bees (Hymenoptera: Apoidea, Anthophoridae). *Comp. Biochem. Physiol.* 76B:895-897.
- Cane, J.H., and S.L. Buchmann.  
1989. Novel pollen-harvesting behavior by the bee *Protandrena mexicanorum* (Hymenoptera: Andrenidae). *J. Insect Behav.* 2:431-436.
- Cane, J.H., and R.G. Carlson.  
1984. Dufour's gland triglycerides from Anthophora, Emphoropsis (Anthophoridae) and Megachile (Megachilidae) bees (Hymenoptera: Apoidea). *Comp. Biochem. Physiol.* 78B:769-772.
- Cane, J.H., L.D. Merrill, and D.L. Wood.  
1990. Attraction of pinyon pine bark beetle, *Ips hoppingi*, to conspecific and *I. confusus* pheromones (Coleoptera: Scolytidae). *J. Chem. Ecol.* 16:2791-2798.
- Caraco, T., W.U. Blanckenhorn, G.M. Gregory, J.A. Newman, G.M. Recer, and S.M. Zwicker.  
1990. Risk-sensitivity: ambient temperature affects foraging choice. *Anim. Behav.* 39:338-345.
- Caraco, T., and J.L. Brown.  
1986. A game between communal breeders: When is food-sharing stable? *J. Theor. Biol.* 118:379-393.
- Carlson, D.C.  
1975. Taxonomic characters of the genus *Ochodaeus Serville* with descriptions of two new species in the *O. pectoralis Leconte* species complex (Coleoptera: Scarabaeidae). *Bull. South. Calif. Acad. Sci.* 74:49-65.
- Carten, R.B.  
1978. Geology of central Peloncillo Mountains. New Mexico Institute of Mining and Technology, University of New Mexico, Socorro, N.M. 18 pp.
- Castellano, J.J. and T.J. Valone.  
2006. Effects of livestock removal and perennial grass recovery on the lizards of a desertified arid grassland. *J. Arid Environments*.
- Castoe, T.A., C.L. Spencer, and C.L. Parkinson.  
2007. Phylogeographic structure and historical demography of the western diamondback rattlesnake (*Crotalus atrox*): a perspective on North American desert biogeography. *Molecular Phylogenetics and Evolution* 42:193-212.
- Castrucci, A.M.L., W.C. Sherbrooke, T.K. Sawyer, D.J. Staples, M.C.B. Tuma, and M.E. Hadley.  
1994. Discovery of an  $\alpha$ -melanotropin antagonist effective in vivo. *Peptides* 15:627-632.
- Cazier, M.A.  
1960. Notes on Mexican tiger beetles belonging to the genus *Cicindela* (Coleoptera, Cicindelidae). *Am. Mus. Novit.* 2025:1-12.
- Cazier, M.A.  
1961. A new species of myrmecophilous Scarabaeidae with notes on other species (Coleoptera, Cremastocheilini). *Am. Mus. Novit.* 2033:1-12.
- Cazier, M.A.  
1962. Notes on the bionomics of *Zonosemata vittigera* (Coquillett), a fruit fly on *Solanum* (Diptera:Tephritidae). *Pan-Pac. Entomol.* 38:181-186.



# SWRS Bibliography

- Cazier, M.A.  
1963. The description and bionomics of a new species of *Apiocera*, with notes on other species (Diptera: Apioceridae). *Wasmann J. Biol.* 21:205-234.
- Cazier, M.A.  
1964. Host plants, population density, and parasites of two species of jumping plant lice (Homoptera: Psyllidae). *Pan-Pac. Entomol.* 40:67-74.
- Cazier, M.A.  
1965. The family Apioceridae. Pp. 356-357 in *A catalogue of the diptera of North America*, U.S. Dep. Agric., Agric. Res. Serv., Washington, D.C.
- Cazier, M.A., and M.A. Mortenson.  
1964. Studies on the bionomics of sphecoid wasps. I. *Moniaecera asperata* (Hymenoptera: Sphecidae). *Pan-Pac. Entomol.* 40:111-114.
- Cazier, M.A., and M.A. Mortenson.  
1964. Studies on the bionomics of sphecoid wasps. III. *Hapalomellinus albitomentosus* (Bradley) (Hymenoptera: Sphecidae). *Wasmann J. Biol.* 22:261-276.
- Cazier, M.A., and M.A. Mortenson.  
1965. Studies on the bionomics of sphecoid wasps. II. *Philanthus gibbosus* (Fabricius) and *Philanthus anna* Dunning. (Hymenoptera: Sphecidae). *Bull. South. Calif. Acad. Sci.* 64:171-206.
- Cazier, M.A., and M.A. Mortenson.  
1965. Studies on the bionomics of sphecoid wasps. IV. *Niteloaterus laticeps* and *Niteloaterus texanus* (Hymenoptera: Sphecidae). *Pan-Pac. Entomol.* 41:21-29.
- Chadha, M.S., T. Eisner, and J. Meinwald.  
1961. Defence mechanisms of arthropods - IV. Para-benzoquinones in the secretion of *Eleodes longicollis* Lec. (Coleoptera: Tenebrionidae). *J. Insect Physiol.* 7:46-50.
- Chai, P., and D. Millard.  
1997. Flight and size constraints: hovering performance of large hummingbirds under maximal loading. *J. Exp. Biol.* 200:2757-2763.
- Chapman, R.M., and S.T. Bates, M. Islam, A. Schwabe, E. C.P. Wardenaar, & V.S. Evenson  
2014. Phylogenetic placement of the secotioid fungus *Araneosa columellata* Long within Agaricaceae as *Agaricus columellata* comb.nov.
- Chappell, M.A., and D.W. Whitman.  
1990. Grasshopper thermoregulation. Pp. 143-171 in *Biology of grasshoppers*, R.F. Chapman and A. Joern, eds. John Wiley and Sons.
- Chemsak, J.A., and E.G. Linsley.  
1959. Some new species and subspecies of *Crossidius* from western North America. *J. Kans. Entomol.* 32:176-183.
- Chew, A.E., and R.M. Chew.  
1980. Body size as a determinant of small-scale distribution of ants in evergreen woodland, southeastern Arizona. *Insectes Soc. (Paris)* 27:189-202.
- Chew, R.M.  
1959. Estimation of ant colony size by the Lincoln Index Method. *J. N.Y. Entomol. Soc.* 67:157-161.
- Chew, R.M.  
1960. Note on colony size and activity in *Pogonomyrmex occidentalis* (Cresson). *J. N.Y. Entomol. Soc.* 68:81-82.
- Chew, R.M.  
1960. Porcupines in the Chiricahua Mountains, southeastern Arizona. *J. Mammal.* 41:132-133.
- Chew, R.M.  
1961. Ecology of the spiders of a desert community. *J. N.Y. Entomol. Soc.* 69:5-41.
- Chew, R.M.  
1977. Some ecological characteristics of the ants of a desert-shrub community in southeastern Arizona. *Am. Midl. Nat.* 98:33-49.
- Chew, R.M.  
1979. Mammalian predation on honey ants, *Myrmecocystus* (Formicidae). *Southwest. Nat.* 24:677-682.

# SWRS Bibliography

- Chew, R.M.  
1982. Changes in herbaceous and suffrutescent perennials in grazed and ungrazed desertified grassland in southeastern Arizona, 1958-1978. *Am. Midl. Nat.* 108:159-169.
- Chew, R.M.  
1987. Population dynamics of colonies of three species of ants in desertified grassland, southeastern Arizona, 1958-1981. *Am. Midl. Nat.* 118:177-188.
- Chew, R.M.  
1995. Aspects of the ecology of three species of ants (*Myrmecocystus* spp., *Aphaenogaster* sp.) in desertified grassland in southeastern Arizona, 1958-1993. *Am. Midl. Nat.* 134:75-83.
- Chew, R.M., and A.E. Chew.  
1965. The primary productivity of a desert shrub (*Larrea tridentata*) community. *Ecol. Monogr.* 35:355-375.
- Chew, R.M., and A.E. Chew.  
1970. Energy relationships of the mammals of the desert shrub (*Larrea tridentata*) community. *Ecol. Monogr.* 40:1-21.
- Chew, R.M., and J. DeVita.  
1980. Foraging characteristics of a desert ant assemblage: functional morphology, and species separation. *J. Arid Environ.* 3:75-83.
- Chew, R.M., and W.G. Whitford.  
1992. A long-term positive effect of kangaroo rats (*Dipodomys spectabilis*) on creosotebushes (*Larrea tridentata*). *J. Arid Environ.* 22:375-386.
- Christman, B.J.  
1998. Unambiguous evidence of helping at the nest in bridled titmice. *Wilson Bull.* 110:567-569.
- Christman, B.J.  
2001. Low flock coherence in mild winters leads to a lack of subordination costs in bridled titmouse foraging groups. *Ibis* 143:617-626.
- Christman, B.J.  
2001. Factors influencing pair territoriality in the juniper titmouse. *Condor* 103:361-369.
- Christman, B.J.  
2002. Extreme between-year variation in productivity of a bridled titmouse (*Baeolophus wollweberi*) population. *Auk* 119:1149-1154.
- Churchman, D.  
2002. Looking out for lizards. *Ranger Rick* 36(9):15-19. (Photographs by Nic Bishop from 2000 Earthwatch, high-school student group working with Dr. Douglas Eifler.)
- Cockrum, E.L.  
1969. Migration in the guano bat, *Tadarida brasiliensis*. *University Kans. Mus. Nat. Hist., Misc. Publ.* 51:303-336.
- Cockrum, E.L., and K.E. Justice.  
1958. Check List of the mammals of the Chiricahua region, Cochise County, Arizona. 4 pp.
- Cockrum, E.L., and E. Ordway.  
1959. Bats of the Chiricahua Mountains, Cochise County, Arizona. *Am. Mus. Novit.* 1938:1-35.
- Cockrum, E.L., and Y. Petryszyn.  
1978. Checklist of the mammals of the Chiricahua region, Cochise County, Arizona. 4 pp.
- Cody, M.L.  
1981. Habitat selection in birds: the roles of vegetation structure, competitors, and productivity. *Bioscience* 31:107-113.
- Cohn, T.J., and I.J. Cantrall.  
1974. Variation and speciation in the grasshoppers of the Conalcaeini (Orthoptera: Acrididae: Melanoplinae): the lowland forms of western Mexico, the genus *Barytettix*. *San Diego Soc. Nat. Hist. Mem.* 6:9-131.
- Cole, C.J.  
1962. Notes on the distribution and food habits of *Bufo alvarius* at the eastern edge of its range. *Herpetologica* 18:172-175.
- Cole, C.J.

# SWRS Bibliography

1963. Variation, distribution, and taxonomic status of the lizard, *Sceloporus undulatus virgatus* Smith. *Copeia* 1963:413-425.
- Cole, C.J.  
1968. *Sceloporus virgatus*. *Cat. Am. Amphib. Reptiles* 72:1-2.
- Cole, C.J.  
1972. Chromosome variation in North American fence lizards (genus *Sceloporus*; *undulatus* species group). *Syst. Zool.* 21:357-363.
- Cole, C.J.  
1975. Karyotype and systematic status of the sand dune lizard (*Sceloporus graciosus arenicolous*) of the American Southwest. *Herpetologica* 31:288-293.
- Cole, C.J.  
1977. Chromosomal aberration and chromatid exchange in the North American fence lizard, *Sceloporus undulatus* (Reptilia: Iguanidae). *Copeia* 1977:53-59.
- Cole, C.J.  
1978. Karyotypes and systematics of the lizards in the *variabilis*, *jalapae*, and *scalaris* species groups of the genus *Sceloporus*. *Am. Mus. Novit.* 2653:1-13.
- Cole, C.J.  
1978. Parthenogenetic lizards (technical comment). *Science* 201:1154-1155.
- Cole, C.J.  
1978. The value of virgin birth. *Nat. Hist.* 87:56-63.
- Cole, C.J.  
1979. Chromosome inheritance in parthenogenetic lizards and evolution of allopolyploidy in reptiles. *J. Hered.* 70:95-102.
- Cole, C.J.  
1983. Specific status of the North American fence lizards, *Sceloporus undulatus* and *Sceloporus occidentalis*, with comments on chromosome variation. *Am. Mus. Novit.* 2768:1-13.
- Cole, C.J.  
1984. Taxonomy: what's in a name? *Nat. Hist.* 93:30-34.
- Cole, C.J.  
1984. Unisexual lizards. *Sci. Am.* 250:94-100.
- Cole, C.J.  
1985. Taxonomy of parthenogenetic species of hybrid origin. *Syst. Zool.* 34:359-363.
- Cole, C.J.  
1990. When is an individual not a species? *Herpetologica* 46:104-108.
- Cole, C.J.  
1980. Newly attained polyploidy and/or clonal reproduction in animals: the brink of extinction or threshold to new frontiers? Pp. 539-542 in *Polyploidy: biological relevance*, W.H. Lewis, ed. Plenum Press, New York.
- Cole, C.J.  
1975. Evolution of parthenogenetic species of reptiles. Pp. 340-355 in *Intersexuality in the animal kingdom*, R. Reinboth, ed. Springer-Verlag, New York.
- Cole, C.J., and H.C. Dessauer.  
1995. Unisexual lizards (genus *Cnemidophorus*) of the Madrean Archipelago. Pp. 267-273 in *Biodiversity and management of the Madrean Archipelago: the Sky Islands of the southwestern United States and northwestern Mexico*, L.F. DeBano et al., ed. U.S. Dept. of Agric., For. Serv., Rocky Mountain For. and Range Exp. Stn, Fort Collins, CO.
- Cole, C.J., H.C. Dessauer, and G.F. Barrowclough.  
1988. Hybrid origin of a unisexual species of whiptail lizard, *Cnemidophorus neomexicanus*, in western North America: new evidence and a review. *Am. Mus. Novit.* 2905:1-38.
- Cole, C.J., and L.M. Hardy.  
1981. Systematics of North American colubrid snakes related to *Tantilla planiceps* (*Blainville*). *Bull. Am. Mus. Nat. Hist.* 171:199-284.
- Cole, C.J., and L.M. Hardy.  
1983. *Tantilla atriceps* (Guenther). Mexican black-headed snake. *Cat. Am. Amphib. Reptiles*:317.1-317.2.

# SWRS Bibliography

- Cole, C.J., and L.M. Hardy.  
1983. *Tantilla hobartsmithi* Taylor. Smith's black-headed snake. Cat. Am. Amphib. Reptiles:318.1-318.2.
- Cole, C.J., and L.M. Hardy.  
1983. *Tantilla planiceps* (Blainville). Western black-headed snake. Cat. Am. Amphib. Reptiles:319.1-319.2.
- Cole, C.J., and C.H. Lowe.  
1968. The karyotype of a lizard (*Sceloporus virgatus*) and description of a spontaneous chromosomal aberration. J. Ariz. Acad. Sci. 5:128-130.
- Cole, C.J., C.H. Lowe, and J.W. Wright.  
1967. Sex chromosomes in lizards. Science 155:1028-1029.
- Cole, C.J., and C.R. Townsend.  
1977. Parthenogenetic reptiles: new subjects for laboratory research. Experientia 33:285-289.
- Cole, C.J., and C.R. Townsend.  
1983. Sexual behavior in unisexual lizards. Anim. Behav. 31:724-728.
- Cole, C.J., and C.R. Townsend.  
1990. Parthenogenetic lizards as vertebrate systems. J. Exp. Zool. Suppl. 4:174-176.
- Cole, C.J., and T.R. Van Devender.  
1976. Surface structure of fossil and recent epidermal scales from North American lizards of the genus *Sceloporus* (Reptilia, Iguanidae). Bull. Am. Mus. Nat. Hist. 156:453-513.
- Cole, C.J., Painter, C.W., Dessauer, H.C., and Taylor, H.L.  
2007. Hybridization Between the Endangered Unisexual Gray-Checkered Whiptail Lizard (*Aspidoscelis dixonii*) and the Bisexual Western Whiptail Lizard (*Aspidoscelis tigris*) in Southwestern New Mexico. American Museum Novitates, No. 3555, 31pp, 11 figures, 6 tables.
- Cole, C.J., and Bezy, R.L.  
2014. Amphibians & Reptiles of the Madrean Archipelago of Arizona & New Mexico. 3810, 23 pp.
- Collins, J.P., and M.A. Lewis.  
1979. Overwintering tadpoles and breeding season variation in the *Rana pipiens* complex in Arizona. Southwest. Nat. 24:371-396.
- Collister, A.  
1965. Hummingbird returns. Western Bird Bander 40:31.
- Congdon, J.D., M.J. Pappas, J.D. Krenz, B.J. Brecke, and M. Schlenner.  
2015. Compass Orientation During Dispersal of Freshwater Hatchling Snapping Turtles (*Chelydra serpentina*) and Blanding's Turtles (*Emydoidea blandingii*). Ethology 120:1-10.
- Cooper, W.E. Jr.  
2005. When and how do predator starting distances affect flight initiation distances? Can. J. Zool. 83:1045-1050.
- Cooper, W.E. Jr., L.J. Vitt, J.P. Caldwell, and S.F. Fox.  
2005. Relationships among foraging variables, phylogeny, and foraging modes, with new data for nine North American lizard species. Herpetologica 61:250-259.
- Colwell, G.J., and A.J. Gatz, Jr.  
1993. Preliminary evidence for character displacement in *Sceloporus clarki* in the Chiricahua Mountains. Herpetol. Nat. Hist. 1:21-25.
- Commissarius, L.R.  
1961. The Mexican big-eared bat in Arizona. J. Mammal. 42:61-65.
- Conway, J.R.  
1983. Digging up the secrets of honey ants. Ranger Rick Magazine Dec 1983:41-45.
- Conway, J.R.  
1986. The biology of honey ants. Am. Biol. Teach. 48:335-343.
- Conway, J.R.  
2003. Architecture, population size, myrmecophiles, and mites in an excavated nest of the honeypot ant, *Myrmecocystus mendax* Wheeler, in Arizona. The Southwest. Nat. 48:449-450.
- Conway, J.R.  
2004. The southwestern research station: a hotspot of ant biodiversity and natural history. Biol. Digest 30:11-19.

# SWRS Bibliography

- Cooke, J.A.L.  
1972. Stinging hairs: a tarantula's defense. *Fauna* 4:4-8.
- Cooke, J.A.L.  
1985. Of sting and fang. *Science* 85:64-69.
- Cooke, J.A.L., V.D. Roth, and F.H. Miller.  
1972. The urticating hairs of theraphosid spiders. *Am. Mus. Novit.* 2498:1-43.
- Cox, Robert M.  
2007. Growing apart together: The development of contrasting sexual size dimorphisms in sympatric *sceloporus* lizards. *Herpetologica*, 63(3), pp. 245-257.
- Cox, R.M.  
2006. A test of the reproductive cost hypothesis for sexual size dimorphism in Yarrow's spiny lizard *Sceloporus jarrovi*. *Journal of Animal Ecology* 2006, 75, pp. 1361-1369.
- Cox, Robert M. and John-Adler, H.B.  
2007. Increased mite parasitism as a cost of testosterone in male striped plateau lizards *Sceloporus virgatus*. *Functional Ecology* 2007.
- Cox, Robert M. and Zilberman, V. and John-Adler, H.B.  
2006. Environmental sensitivity of sexual size dimorphism: laboratory common garden removes effects of sex and castration on lizard growth. *Functional Ecology* 2006.
- Cox, R.M.  
2005. Integrating proximate and ultimate causes of sexual size dimorphism in lizards. Ph.D. Dissertation, Rutgers University, New Jersey. 236 pp.
- Cox, R.M. and H.B. John-Alder.  
2005. Testosterone has opposite effects on male growth in lizards (*Sceloporus* spp.) with opposite patterns of sexual size dimorphism. *J. Exp. Biol.* 208:4679-4687.
- Craig, J.L., A.M. Stewart, and J.L. Brown.  
1982. Subordinates must wait. *Z. Tierpsychol.* 60:275-280.
- Creighton, W.S.  
1963. Further observations on *Pseudomyrmex apache* (Hymenoptera: Formicidae). *Am. Mus. Novit.* 2156:1-4.
- Creighton, W.S.  
1963. Further studies on the habits of *Cryptocerus texanus Santschi* (Hymenoptera: Formicidae). *Psyche* 70:133-143.
- Creighton, W.S., and M.P. Creighton.  
1959. The habits of *Pheidole militica* Wheeler (Hymenoptera: Formicidae). *Psyche* 66:1-12.
- Crews, D.  
1982. On the origin of sexual behavior. *Psychoneuroendocrinology* 7:259-270.
- Crews, D.  
1986. Comparative behavioral endocrinology. (Symposium: Reproduction: a Behavioral and Neuroendocrine Perspective). *Ann. N.Y. Acad. Sci.* 474:187-198.
- Crews, D.  
1987. Courtship in unisexual lizards: a model for brain evolution. *Scientific Am.* 255:116-121.
- Crews, D.  
1988. The problem with gender. *Psychobiology* 16:321-334.
- Crews, D.  
1989. Unisexual organisms as model systems for research in the behavioral neurosciences. Pp. 132-143 in *Evolution and ecology of unisexual vertebrates*, R.M. Dawley and J.P. Bogart, eds. N.Y. State Mus. Bull. 466, Albany.
- Crews, D., and K.T. Fitzgerald.  
1980. "Sexual" behavior in parthenogenetic lizards (*Cnemidophorus*). *Proc. Natl. Acad. Sci. USA* 77:499-502.
- Crews, D., M. Grassman, and J. Lindzey.  
1986. Behavioral facilitation of reproduction in sexual and unisexual whiptail lizards. *Proc. Natl. Acad. Sci. USA* 83:9547-9550.
- Crews, D., J.E. Gustafson, and R.R. Tokarz.  
1983. Psychobiology of parthenogenesis. Pp. 205-231 in *Lizard ecology*, R. Huey, T.



# SWRS Bibliography

- Schoener, and E. Pianka, eds. Harvard University Press, Cambridge.
- Crews, D., and M.C. Moore.  
1986. Evolution of mechanisms controlling mating behavior. *Science* 231:121-125.
- Crews, D., J. Wade, and W. Wilczynski.  
1990. Sexually dimorphic areas in the brain of whiptail lizards. *Brain Behav. Evol.* 3:262-.
- Crews, D., and L.J. Young.  
1991. Pseudocopulation in nature in a unisexual whiptail lizard. *Anim. Behav.* 42:512-514.
- Cullum, A.J.  
1997. Comparisons of physiological performance in sexual and asexual whiptail lizards (genus *Cnemidophorus*): implications for the role of heterozygosity. *Am. Nat.* 150:24-47.
- Cummins, G.B.  
1959. Illustrated genera of rust fungi. Burgess Publishing Co, Minneapolis. 131 pp.
- Cummins, G.B.  
1959. Observations of the life cycles of some west American rust fungi. *Plant Dis. Rep.* 43:411-412.
- Cuttler, A.H.  
1994. Nested biotas and biological conservation: metrics, mechanisms, and meaning of nestedness. *Landscape Urban Plann.* 28:73-82.
- Dajoz, R.  
1988. Note sur la biologie de *Dynastes granti* LeConte et de quelques autres Dynastidae de L'Arizona, (Insectes, Coleopteres). *Bull. Mens. Soc. Linn. Lyon* 57:150-158.
- Dajoz, R.  
1988. A record of *Chelonarium lecontei* Thomson from Arizona (U.S.A.) (Col. Chelonariidae). *Nouv. Rev. Entomol. (N.S.)* 5:208.
- Dajoz, R.  
1989. Une nouvelle espèce du genre *Araeoschizus* Leconte du sud-est de l'Arizona (Etats-Unis) (Coleoptera, Tenebrionidae). *Nouv. Rev. Entomol. (N.S.)* 6:33-36.
- Dajoz, R.  
1990. Description de deux espèces de *Trechus* du sud-ouest des Etats-Unis et notes sur quatre autres espèces (Coleoptera Carabidae). *Bull. Mens. Soc. Linn. Lyon* 59:153-160.
- Dajoz, R.  
1992. Description de trois nouvelles espèces de Colydiidae de l'Arizona et de Californie (Coleoptera). *Bull. Mens. Soc. Linn. Lyon* 61:60-66.
- Dajoz, R.  
1992. Une nouvelle espèce nord-américaine du genre *Narthecius*. Description et données sur sa biologie (Coleoptera, Cucujidae). *Bull. Soc. Entomol. Fr.* 97:257-262.
- Dajoz, R.  
1994. Les coléoptères coprophages du sud-est de l'Arizona (Etats-Unis). Composition spécifique, biogéographie et structure des peuplements. *Ann. Soc. Entomol. Fr. (N.S.)* 30:159-167.
- Dajoz, R.  
1995. Croissance des antennes, sex ratio, variations de taille et dimorphisme sexuel chez les Coléoptères Cerambycidae. Leurs rôles dans la biologie de ces insectes. *Cah. Nat.* 49:15-38.
- Dajoz, R.  
1996. Inventaire et biologie des Coléoptères du champignon Basidiomycète Polyporaceae *Corioloipsis gallica* dans l'Arizona. *Bull. Soc. Entomol. Fr.* 101:241-250.
- Dajoz, R.  
1997. Description de *Cercyon arizonicus* n. sp. et inventaire des Sphaeridiinae (Coléoptères Hydrophilidae) d'une localité du sud-est l'Arizona (Etats-Unis). *Bull. Mens. Soc. Linn. Lyon* 66:273-276.
- Dajoz, R.  
1997. Description de *Corticotomus testaceus* n. sp. (Coleoptera Trogositidae) et notes sur trois espèces del l'ouest des Etats-Unis. *Bull. Mens. Soc. Linn. Lyon* 66:40-44.
- Dajoz, R.  
1997. Description de la larve de biologie de *Psydrus piceus* Leconte (Coleoptera,

# SWRS Bibliography

- Carabidae). Bull. Soc. entomologique de France.
- Dajoz, R.  
1998. Le feu et son influence sur les insectes forestiers. Mise au point bibliographique et présentation de trois cas observés dans l'ouest des Etats-Unis. Bull. Soc. Entomol. Fr 103:299-312.
- Dajoz, R.  
2000. Insects and forests: The role and diversity of insects in the forest environment. Intercept Ltd., London, Paris, New York. 668 pp.
- Danforth, B.N.  
1989. Nesting behavior of four species of *Perdita* (Hymenoptera: Andrenidae). J. Kansas Entomol. Soc. 62:59-79.
- Danforth, B.N.  
1990. Provisioning behavior and the estimation of investment ratios in a solitary bee, *Calliopsis* (Hypomacrotera) *persimilis* (Cockerell) (Hymenoptera: Andrenidae). Behav. Ecol. Sociobiol. 27:159-168.
- Danforth, B.N.  
1991. Female foraging and intranest behavior of a communal bee, *Perdita portalis* Timberlake (Hymenoptera: Andrenidae). Ann. Entomol. Soc. Am. 84:537-548.
- Danforth, B.N.  
1991. The morphology and behavior of dimorphic males in *Perdita portalis* (Hymenoptera: Andrenidae). Behav. Ecol. Sociobiol. 29:235-247.
- Danforth, B.N.  
1994. Taxonomic review of *Calliopsis* subgenus *Hypomacrotera* (Hymenoptera: Andrenidae), with special emphasis on the distributions and host plant association. Pan-Pac. Entomol. 70:283-300.
- Danforth, B.N.  
1996. Phylogenetic analysis and taxonomic revision of the *Perdita* subgenera *Macrotera*, *Macroteropsis*, *Macroterella* and *Cockerellula* (Hymenoptera: Andrenidae). Univ. Kans. Sci. Bull 55:635-692.
- Danforth, B.N.  
1999. Emergence dynamics and bet hedging in a desert bee, *Perdita portalis*. Proc. R. Soc. Lond. B. 266:1985-1994.
- Danforth, B.N., and C.A. Desjardins.  
1999. Male dimorphism in *Perdita portalis* (Hymenoptera, Andrenidae) has arisen from preexisting allometric patterns. Insectes Soc. 46:18-24.
- Danforth, B.N., and S. Ji.  
1998. Elongation factor-1a occurs as two copies in bees: implications for phylogenetic analysis of EF-1a sequences in insects. Mol. Biol. Evol. 15:225-235.
- Danforth, B.N., H. Sauquet, and L. Packer.  
1999. Phylogeny of the bee genus *Halictus* (Hymenoptera: Halictidae) based on parsimony and likelihood analysis of nuclear EF-1a sequence data. Mol. Phylogen. Evol. 13:605-618.
- Davis, D.R.  
1967. A revision of the moths of the subfamily Prodoxinae (Lepidoptera: Incurvariidae). Bull. Smithsonian Inst. 255:1-170.
- Davis, J.  
1965. Natural history, variation and distribution of the Strickland's woodpecker. Auk 82:537-590.
- De Fazio, A., C.A. Simon, G.A. Middendorf, and D. Romano.  
1977. Iguanid substrate licking: a response to novel situations in *Sceloporus jarrovi*. Copeia 1977:706-709.
- Dessauer, H.C., and C.J. Cole.  
1984. Influence of gene dosage on electrophoretic phenotypes of proteins from lizards of the genus *Cnemidophorus*. Comp. Biochem. Physiol. 77B:181-189.
- Dessauer, H.C., and C.J. Cole.  
1986. Clonal inheritance in parthenogenetic whiptail lizards: biochemical evidence. J. Hered. 77:8-12.
- Dessauer, H.C., and C.J. Cole.

# SWRS Bibliography

1991. Genetics of whiptail lizards (Reptilia: Teiidae: *Cnemidophorus*) in a hybrid zone in southwestern New Mexico. *Copeia* 1991:622-637.
- Dessauer, H.C., and C.J. Cole.  
1989. Diversity between and within nominal forms of unisexual teiid lizards. Pp. 49-71 in *Evolution and ecology of unisexual vertebrates*, R.M. Dawley and J.P. Bogart, eds. New York State Museum, Bull. 466, Albany, NY.
- Dessauer, H.C., C.J. Cole, and C.R. Townsend.  
2000. Hybridization among western whiptail lizards (*Cnemidophorus tigris*) in southwestern New Mexico: population genetics, morphology, and ecology in three contact zones. *Bull. Am. Mus. Nat. Hist.* 246:1-148.
- Dessauer, H.C., W. Fox, and F.H. Pough.  
1962. Starch-gel electrophoresis of transferrins, esterases and other plasma proteins of hybrids between two subspecies of whiptail lizard (genus *Cnemidophorus*). *Copeia* 1962:767-774.
- Dessaur, H.C., T.W. Reeder, C.J. Cole, and A. Knight.  
1996. Rapid screening of DNA diversity using dot-blot technology and allele-specific oligonucleotides: maternity of hybrids and unisexual clones of hybrid origin (Lizards, *Cnemidophorus*). *Molecular Phylogenetics and Evolution* 6:366-372.
- Di Salvo, A.F., L. Ajello, J.W. Palmer, Jr., and W.G. Winkler.  
1969. Isolation of *Histoplasma capsulatum* from Arizona bats. *Am. J. Epidemiol.* 89:606-614.
- Dimmitt, M.A.  
1975. Terrestrial ecology of spadefoot toads (*Scaphiopus*): emergence cues, nutrition and burrowing habits. Ph.D. dissertation, University of California. 80 pp.
- Dimmitt, M.A., and R. Ruibal.  
1980. Environmental correlates of emergence in spadefoot toads (*Scaphiopus*). *J. Herpetol.* 14:21-29.
- Dimmitt, M.A., and R. Ruibal.  
1980. Exploitation of food resources by spadefoot toads (*Scaphiopus*). *Copeia* 1980:854-862.
- Dixon, K.A.  
1990. *Sceloporus jarrovi* (mountain spiny lizard). *Behavior. Herp. Review* 21:61.
- Dixon, K.A.  
1993. Microgeographic variation in sexual selection in the mountain spiny lizard, *Sceloporus jarrovi*. Ph.D. dissertation, University of Chicago. 183 pp.
- Dobzhansky, T.  
1958. Genetics of natural populations, XXVII. The genetic changes in populations of *Drosophila pseudoobscura* in the American Southwest. *Evolution* 12:385-401.
- Dobzhansky, T.  
1958. *Species after Darwin*. Harvard University.
- Dobzhansky, T., W.W. Anderson, and O. Pavlovsky.  
1966. Genetics of natural populations. XXXVIII. Continuity and change in populations of *Drosophila pseudoobscura* in western United States. *Evolution* 20:418-427.
- Dobzhansky, T., B. Spassky, and T. Tidwell.  
1963. Genetics of natural populations. XXXII. Inbreeding and the mutational and balanced genetic loads in natural populations of *Drosophila pseudoobscura*. *Genetics* 48:361-373.
- Drewes, H.  
1976. Laramide tectonics from Paradise to Hell's Gate, southeastern Arizona. *Az. Geol. Soc. Digest* 10:151-167.
- Drewes, H.  
1978. The Cordilleran orogenic belt between Nevada and Chihuahua. *Geol. Soc. Am. Bull.* 89:641-657.
- Drewes, H.  
1978. The Cordilleran thrust belt (Laramide orogeny) between Nevada and Chihuahua. *Geol. Soc. Am. Bull.* 89:641-657.
- Drewes, H.  
1980. Tectonic map of southeast Arizona. U.S. Dep. Inter., U.S. Geol. Surv. Invest.

# SWRS Bibliography

- Series, Maps 1, 2.
- Drewes, H.  
1980. Tectonic map of southeastern Arizona. 1:125,000. U.S. Dep. Inter., U.S. Geol. Surv. Open-File and Map I-1109.
- Drewes, H.  
1981. Geologic map and sections of the Bowie Mountain south quadrangle, Cochise County, Arizona. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Map I-1363.
- Drewes, H.  
1981. Tectonics of southwestern Arizona. U.S. Geol. Surv. Professional Paper No. 1144. U.S. Dep. Inter. 96 pp.
- Drewes, H.  
1982. Geologic map and sections of the Cochise Head quadrangle and adjacent areas, southeastern Arizona. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Invest. Series Map I-1312.
- Drewes, H.  
1982. Note from the Editor. P. 7 in Cordilleran Overthrust belt, Texas to Arizona Field Conference, Rocky Mountain Association of Geologists, H. Drewes, ed. Denver.
- Drewes, H.  
1984. Geologic map and sections of the Bowie Mountain north quadrangle, Cochise County, Arizona. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Invest. Series Map I-1492.
- Drewes, H.  
1985. Geologic map and structure sections of the Dos Cabezas quadrangle, Cochise County, Arizona. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Invest. Series Map I-1570.
- Drewes, H.  
1986. Geologic map and structure of the northern part of the Animas Mountains, Hidalgo County, New Mexico. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Invest. Series Map I-1686.
- Drewes, H.  
1986. Geologic map and structure sections of the Simmons Peak quadrangle, Cochise County, Arizona. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Invest. Series Map I-1569.
- Drewes, H.  
1988. Guide to the GSA trip "Southeast Arizona Tectonics," Nov. 4-6, 1988. Geol. Soc. of Am. Guidebook.
- Drewes, H.  
1988. Development of the foreland zone and adjacent terrains of the Cordilleran orogenic belt near the U.S.-Mexican border. in Rocky Mountain foreland and Cordilleran orogenic belt, S. C.J. and W.J. Perry, Jr, eds. Geol. Soc. Am. Mem. 171:447-463
- Drewes, H.  
1989. Tectonics of the eastern part of the Cordilleran orogenic belt, Chihuahua, New Mexico and Arizona. Field Trip Guidebook T121, El Paso, Texas to Tucson, Arizona. P. 82 in 28th Int. Geological Congress, American Geophysical Union, Washington DC.
- Drewes, H.  
1990. Geologic map and some geochemical results from the Big Hatchet Mountains, Bureau of Land Management Wilderness Study Area, Hidalgo County, New Mexico: U.S. Geological Survey Miscellaneous Field Studies Map MF-2055, scale 1:50,000.
- Drewes, H.  
1990. Geologic map of the Big Hatchet Mountains, Hidalgo County, New Mexico: U.S. Geological Survey Miscellaneous Investigations Series Map I-2144, scale 1:24,000.
- Drewes, H.  
1990. Geology of the Swisshelm Mountains, Cochise County, Arizona: U.S. Geological Survey Miscellaneous Investigations Series Map I-1827, scale 1:48,000.
- Drewes, H.  
1991. Description and development of the Cordilleran orogenic belt in the Southwestern U. S. and Northern Mexico. U.S. Geol. Surv. Prof. Pap. 1512:1-92.
- Drewes, H., and E.W. Brooks.  
1988. Geological map and sections of the Pedregosa Mountains quadrangle, Cochise

# SWRS Bibliography

- County, Arizona. 1:48,000. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Geol. Series Invest. Map I-1827.
- Drewes, H., and P.T. Hayes.  
1983. Tectonic models for Early Cretaceous rifting in southeastern Arizona. *Geol. Soc. Am., Geology* 11:364-365.
- Drewes, H., B.B. Houser, D.C. Hedlund, D.H. Ritcher, C.H. Thorman, and T.L. Finnell.  
1985. Geologic map of the Silver City 1û x 2û quadrangle, New Mexico and Arizona. 1:250,000. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Invest. Series Map I-1310-C.
- Drewes, H., S.B. Keith, D.V. LeMone, W.R. Seager, R.E. Clemons, and S. Thompson, III.  
1982. Styles of deformation in the southern Cordillera, U.S.A. Pp. 1-86 in *Cordilleran Overthrust Belt, Texas to Arizona field conference*, H. Drewes, ed. Rocky Mountain Association of Geologists, Denver.
- Drewes, H., D. LeMone, W.R. Seager, and R.E. Clemons.  
1982. Commentary on the geology in the road log, El Paso, Texas, to Wickenburg, Arizona. Pp. 87-102 in *Cordilleran Overthrust Belt, Texas to Arizona Field Conference*, H. Drewes, ed. Rocky Mountain Association of Geologists, Denver.
- Drewes, H., C.K. Moss, K.C. Watts, Jr., C.L. Forn, and P.R. Bigsby.  
1983. Mineral resource potential map of the North End Roadless Area, Chiricahua Mountains, Cochise County, Arizona. 1:50,000. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Field Studies Map MF-1521-D.
- Drewes, H., and C.H. Thorman.  
1980. Geologic map of the Cotton City quadrangle and the adjacent part of the Vanar quadrangle, New Mexico and Arizona. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Map I-1221.
- Drewes, H., and C.H. Thorman.  
1978. Major geologic structures between Lordsburg, New Mexico, and Douglas and Tucson, Arizona. Pp. 291-295 in *Land of Cochise, southeastern Arizona*, J.F. Callender, J.C. Wilt, and R.E. Clemons, eds. N. Mex. Geol. Soc.
- Drewes, H., and F.E. Williams.  
1973. Mineral resources of the Chiricahua Wilderness Area, Cochise County, Arizona. U.S. Dep. Inter., U.S. Geol. Surv. Bull. 1385-A.
- Droual, R.  
1983. The organization of nest evacuation in *Pheidole desertorum* Wheeler and *P. hyatti* Emery (Hymenoptera: Formicidae). *Behav. Ecol. Sociobiol.* 12:203-208.
- Droual, R., and H. Topoff.  
1981. The emigration behavior of two species of the genus *Pheidole* (Formicidae: Myrmicinae). *Psyche* 88:135-150.
- du Bray, E.A., and J.S. Pallister.  
1991. An ash flow caldera in cross section: ongoing field and geochemical studies of the mid-tertiary Turkey Creek caldera, Chiricahua Mountains, SE Arizona. *J. Geophys. Res.* 96:13,435-13,457.
- du Bray, E.A., and J.S. Pallister.  
1993. Preliminary geologic map of Chiricahua National Monument, Cochise County, Arizona, with digital geologic map data. U.S. Dep. Inter., U.S. Geol. Surv. Open File Report OF 93-590-A.
- du Bray, E.A., and J.S. Pallister.  
1994. Geologic map of the Chiricahua Peak quadrangle, Cochise County, Arizona. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Map GQ-1733.
- du Bray, E.A., and J.S. Pallister.  
1994. Geologic map of the Stanford Canyon quadrangle, Cochise County, Arizona. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Map GQ-1743.
- du Bray, E.A., and J.S. Pallister.  
1999. Recrystallization and anatexis along the plutonic-volcanic contact of the Turkey Creek caldera, Arizona. *GSA Bulletin* 111:143-153.
- du Bray, E.A., and J.S. Pallister.  
1992. Roadside geology of the central Chiricahua Mountains Ñ a geological synopsis of the Turkey Creek Caldera. Pp. 9-12 in *Chiricahua Mountains research symposium proceedings*,



# SWRS Bibliography

- A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- du Bray, E.A., J.S. Pallister, and D.B. Yager.  
1997. Geologic map of the Turkey Creek Caldera, Chiricahua Mountains, Cochise County, Arizona. 1:50,000. U.S. Dep. Inter., U.S. Geol. Surv. Misc. Invest. Series Map I-2544.
- du Bray, E.A., D.B. Yager, and P.S. Pallister.  
1992. Fife Peak quadrangle, Cochise County, Arizona Ñ analytic data and geologic sample catalog. U.S. Geol. Surv. Bull. 2021A.
- du Bray, E.A., D.B. Yager, and J.S. Pallister.  
1992. Rustler Park quadrangle, Cochise County, Arizona Ñ analytic data and geologic sample catalog. U.S. Geol. Surv. Bull. 2021B.
- Duffield, R.M., W.E. LaBerge, J.H. Cane, and J.W. Wheeler.  
1982. Exocrine secretions of bees. IV. Macrocyclic lactones and isopentenyl esters in Dufour's gland secretions of *Nomia* bees (Hymenoptera: Halictidae). *J. Chem. Ecol.* 8:535-543.
- Duncan, W.W., F.R. Gehlbach, and G.A. Middendorf, III.  
2003. Nocturnal activity by diurnal lizards (*Sceloporus jarrovi*, *S. virgatus*) eaten by small owls (*Glaucidium gnoma*, *Otus trichopsis*). *Southwest. Nat.* 48:218-222.
- Durden, B.V.  
1968. Interaction between closely related, syntopic wolf spiders: bionomics and systematics of the *Pardosa* species groups *sternalis* and *falcifera*. Ph.D. dissertation, Yale University. 89 pp.
- Dyer, L.A., Singer, M.S., Lill, J.T., Stireman, J.O., Gentry, G.L., Marquis, R.J., Ricklefs, R.E., Greeney, H.F., Wagner, D.L., Morais, H.C., Diniz, I.R., Kursar, T.A., Coley, P.D.  
2007. Host specificity of Lepidoptera in tropical and temperate forests. *Nature*, Vol 448, 9 August 2007, pp. 696-700.
- Dyer, K.A. and J. Jaenike.  
2004. Evolutionarily stable infection by a male-killing endosymbiont in *Drosophila innubila*: Molecular evidence from the host and parasite genomes. *Genetics* 168:1443-1455.
- Earman, S., A.R. Campbell, and F.M. Phillips.  
2003. Stable isotopes in snow: Implications for the design of precipitation collectors and studies of groundwater recharge. *Eos: Transactions of the American Geophysical Union* 84(46):F629.
- Earman, S., A.R. Campbell, F.M. Phillips, and B.D. Newman.  
2006. Isotopic exchange between snow and atmospheric water vapor: Estimation of the snowmelt component of groundwater recharge in the southwestern United States. *J. of Geophysical Research* 111, D09302, doi: 10.1029/2005JD006470.
- Earman, S. and F.M. Phillips.  
2003. Groundwater recharge and movement in the central Chiricahua Mountains, Arizona. *Geological Society of America Abstracts with Programs* 35(7):439.
- Eberhard, M.J.W.  
1967. The social biology of polistine wasps. Ph.D. dissertation, University of Michigan, pp.
- Eberhard, M.J.W.  
1969. The social biology of polistine wasps. University of Michigan 101 pp.
- Eickwort, G.C., K.R. Eickwort, and E.G. Linsley.  
1977. Observations on nest aggregations of the bees *Diadasia olivacea* and **D. diminuta** (Hymenoptera: Anthophoridae). *J. Kans. Entomol. Soc.* 50:1-17.
- Eifler, D.A.  
1993. *Cnemidophorus uniparens* (Desert Grassland Whiptail) behavior. *Herpetol. Rev.* 24:150.
- Eifler, D.A.  
1996. Experimental manipulation of spacing patterns in the widely foraging lizard *Cnemidophorus uniparens*. *Herpetologica* 52:477-486.
- Eifler, D.A., and M.A. Eifler.  
1998. Foraging behavior and spacing patterns of the lizard *Cnemidophorus uniparens*. *J. Herpetol.* 32:24-33.
- Eifler, D.A., and K.M. Passek.  
2000. Body size effects on pursuit success and interspecific diet differences in

# SWRS Bibliography

- Cnemidophorus* lizards. *Amphibia-Reptilia* 21:477-484.
- Eimes, J.A., P.G. Parker, J.L. Brown and E.R. Brown.  
2004. Extrapair fertilization and genetic similarity of social mates in the Mexican Jay. *Behavioral Ecology* 16:456-460.
- Eisner, T.  
1963. Supervivencia gracias a la defensa de los acidos. *Iberica* 11:204-209.
- Eisner, T., J. Hurst, W.T. Keeton, and Y. Meinwald.  
1965. Defense mechanisms of arthropods. XVI. Para-benzoquinones in the secretion of spirostreptoid millipedes. *Ann. Entomol. Soc. Am.* 58:247-248.
- Eisner, T., and F.C. Kafatos.  
1962. Defense mechanisms of arthropods. X. A pheromone promoting aggregation in an aposematic distasteful insect. *Psyche* 69:53-61.
- Eisner, T., F.C. Kafatos, and E.G. Linsley.  
1962. Lycid predation by mimetic adult Cerambycidae (Coleoptera). *Evolution* 16:316-324.
- Eisner, T., F. McHenry, and M.M. Salpeter.  
1964. Defense mechanisms of arthropods. XV. Morphology of the quinone-producing glands of a tenebrionid beetle (*Eleodes longicollis* Lec.). *J. Morphol.* 115:355-400.
- Eisner, T., J. Meinwald, A. Monro, and R. Ghent.  
1960. The defensive spray of a whipscorpion. Pp. 110-114 in Symposium 3: Insect chemistry. XI. Int. Congr. F. Entom., Wien.
- Eisner, T., J. Meinwald, A. Monro, and R. Ghent.  
1961. Defense mechanisms of arthropods Ñ I. The composition and function of the spray of the whipscorpion, *Mastigoproctus giganteus* (Lucas) (Arachnida, Pedipalpida). *J. Insect. Physiol.* 6:272-298.
- Eisner, T.E.  
1966. Beetle's spray discourages predators. *Nat. Hist.* 75:42-47.
- Ellis-Quinn, B.A., and C.A. Simon.  
1989. Homing behavior of the lizard *Sceloporus jarrovi*. *J. Herpetol.* 23:146-152.
- Ellis-Quinn, B.A., and C.A. Simon.  
1991. Lizard homing behavior: the role of the parietal eye during displacement and radio-tracking, and time-compensated celestial orientation in the lizard *Sceloporus jarrovi*. *Behav. Ecol. Sociobiol.* 28:397-407.
- Elston, W.E.  
2001. The ignimbrite flare-up in southwestern New Mexico: What have we learned these last 50 years? Pp. 49-68 in *Volcanology in New Mexico*, New Mexico Museum of Natural History and Science.
- Enderson, E.F., R.L. Bezy, W.C. Sherbrooke, and G.L. Bradley.  
2001. *Sceloporus jarrovi* (Yarrow's Spiny Lizard). USA: Arizona. *Herpetological Review* 32:57-58.
- Evans, H.E., and E.G. Linsley.  
1960. Notes on a sleeping aggregation of solitary bees and wasps. *Bull. South. Calif. Acad. Sci.* 59:30-37.
- Factor, R.E.  
1994. A study of an ambiguous reproductive strategy: the pollination biology of *Mirabilis longiflora* (Nyctaginacidae). Bachelor of Arts thesis, Princeton University. 81 pp.
- Fatto, R.M.  
2000. Several *Russulas* of the Chiricahua Mountains. *Mycotaxon* 75:265-272.
- Fatto, R.M.  
2002. Some *Russulas* of the subsection Urentinae. *Mycotaxon* 84:229-244.
- Fenton, M.B., and G.P. Bell.  
1979. Echolocation and feeding behavior in four species of *Myotis* (Chiroptera). *Can. J. Zool.* 57:1271-1277.
- Feldman Chris R. and R. F. Hoyer.  
2010. A New Species of Snake in the Genus *Contia* (Squamata: Colubridae) from California and Oregon. *Copeia*, No. 2, 254-267.
- Ficken, M.S.  
1989. Are mobbing calls of Steller's Jays a "confusion chorus?". *J. Field Ornithol.* 60:52-

# SWRS Bibliography

55.  
Ficken, M.S.  
1990. Acoustic characteristics of alarm calls associated with predation risk in chickadees. *Anim. Behav.* 39:400-401.
- Ficken, M.S.  
1990. Vocal repertoire of the Mexican chickadee. I. Calls. *J. Field Ornithol.* 61:380-387.
- Ficken, M.S.  
1990. Vocal repertoire of the Mexican chickadee. II. Songs and song-like vocalizations. *J. Field Ornithol.* 61:388-395.
- Ficken, M.S.  
2000. Call similarities among mixed species flock associates. *Southwest. Nat.* 45:154-158.
- Ficken, M.S.  
2002. Parent-offspring conflict in blue-throated hummingbirds. *Southwest Nat.* 47:118-121.
- Ficken, M.S., and R.W. Ficken.  
1987. Bill-sweeping behavior of a Mexican chickadee. *Condor* 89:901-902.
- Ficken, M.S., E.D. Hailman, and J.P. Hailman.  
1994. The chick-a-dee call system of the Mexican chickadee. *Condor* 96:70-82.
- Ficken, M.S., and J. Nosedal.  
1992. Mexican chickadee. Pp. 1-12 in *The birds of North America*, A. Poole, P. Stettenheim, and F. Gill, eds. Philadelphia, Academy of Natural Sciences, American Ornithologists' Union.
- Ficken, M.S., and J. Popp.  
1996. A comparative analysis of passerine mobbing calls. *Auk* 113:370-380.
- Ficken, M.S., K.M. Rusch, S.J. Taylor, and D.R. Powers.  
2000. Blue-throated hummingbird song: a pinnacle of nonosine vocalizations. *Auk* 117.
- Ficken, M.S., K.M. Rusch, S.J. Taylor, and D.R. Powers.  
2002. Reproductive behavior and communication in blue-throated hummingbirds. *Wilson Bull.* 114:197-209.
- Findley, R., and W.M. Edwards.  
1972. Great American deserts. *Natl. Geogr. Soc., Washington, DC.* 207 pp.
- Foreman, C.W.  
1968. Hemoglobin ionographic properties of *Peromyscus* and other mammals. *Comp. Biochem. Physiol.* 25:727-731.
- Foufopoulos, J.  
1999. Host-parasite interactions in the mountain spiny lizard *Sceloporus jarrovi*. Ph.D. dissertation, University of Wisconsin, Madison. 215 pp.
- Frank, D.H., and E.J. Heske.  
1992. Seasonal changes in space use patterns in the southern grasshopper mouse, *Onychomys torridus torridus*. *J. Mammal.* 73:292-298.
- Frankel, J.S., and G.A. Middendorf, III.  
1991. An electrophoretic study of genetic variation in populations of Yarrow's spiny lizard *Sceloporus jarrovi* (Sauria, Iguanidae) Ñ I. Esterase characterization and polymorphism. *Comp. Biochem. Physiol.* 100B:173-176.
- Frankino, W.A.  
2000. The role of development in the origin and evolution of adaptive phenotypic plasticity. Ph.D. dissertation, Indiana University. 204 pp.
- Frankino, W.A., and D.W. Pfennig.  
2001. Condition-dependent expression of trophic polyphenism: effects of individual size and competitive ability. *Evol. Ecol. Res.* 3:939-951.
- Frost, J.S., and J.T. Bagnara.  
1977. Sympatry between *Rana blairi* and the southern form of leopard frog in southeastern Arizona (Anura: Ranidae). *Southwest. Nat.* 22:443-453.
- Gaddis, P.K.  
1983. Differential usage of song types by plain, bridled and tufted titmice. *Ornis Scand.* 14:16-23.
- Gaddis, P.K.

# SWRS Bibliography

1987. Social interactions and habitat overlap between plain and bridled titmice. *Southwest. Nat.* 32:197-202.
- Gaimari, S.D., and M.E. Irwin.  
2000. Phylogeny, classification, and biogeography of the cycloteline Therevinae (Insecta: Diptera: Therevidae). *Zool. J. Linn. Soc.* 129:129-240.
- Gaimari, S.D., and M.E. Irwin.  
2000. Revision of the Mexicana-group of the Cycloteline genus *Ozodiceromyia* Bigot (Diptera: Therevidae). *Entomol. Soc. Wash.* 102:561-600.
- Gehlbach, F.R.  
2003. Body size variation and evolutionary ecology of eastern and western screech-owls. *Southwest. Nat.* 48:70-80.
- Gehlbach, F.R., and N.Y. Gehlbach.  
2000. Whiskered screech-owl (*Otus trichopsis*). in *The Birds of North America*, No. 507, A.P.a.F. Gill, ed. The Birds of North America, Inc., Philadelphia.
- George, W.  
1958. Records of eastern birds from the Chiricahua Mountains of Arizona. *Auk* 75:357-359.
- Gertsch, W.J., and M. Soleglad.  
1972. Studies of North American scorpions of the genera *Uroctonus* and *Vejovis* (Scorpionida, Vejovidae). *Bull. Am. Mus. Nat. Hist.* 148:547-608.
- Gilbertson, L.H.  
1989. A new species of *Holospira* (Gastropoda: Pulmonata) from Arizona, with the reproductive anatomies of *H. arizonensis* and *H. chiricahuana*. *Veliger* 32:308-312.
- Gilbertson, R.L.  
1961. Polyporaceae of the western United States and Canada. I. *Trametes fries*. *Northwest Sci.* 35:1-20.
- Gilbertson, R.L.  
1969. A new species of *Inonotus* on Southwestern sycamores. *Southwest. Nat.* 14:123-125.
- Glazier, D.S.  
1985. Energetics of litter size in five species of *Peromyscus* with generalizations for other mammals. *J. Mammal.* 66:629-642.
- Goldsmith, T.H., and K.M. Goldsmith.  
1979. Discrimination of colors by the black-chinned hummingbird, *Archilochus alexandri*. *J. Comp. Physiol.* 130:209-220.
- Goldstein, M.H., and H. Topoff.  
1985. Reaction of the ant *Novomessor albisetosus* Mayr to intruders in the nest area (Hymenoptera: Formicidae). *Insectes Soc. (Paris)* 32:173-185.
- Goodloe, L.P., and H. Topoff.  
1987. Pupa acceptance by slaves of the social-parasitic ant *Polyergus* (Hymenoptera: Formicidae). *Psyche* 94:293-302.
- Gordon, D.M.  
1983. Dependence of necrophoric response to oleic acid on social context in the harvester ant, *Pogonomyrmex badius*. *J. chemical Ecology* 9(1):105-111.
- Gordon, D.M.  
1983. Daily rhythms in social activities of the harvester ant, *Pogonomyrmex badius*. *Psyche* 90(4):413-423.
- Gordon, D.M.  
1983. The relation of recruitment rate to activity rhythms in the harvester ant, *Pogonomyrmex barbatus* (F. Smith) (Hymenoptera: Formicidae). *J. Kans. Entomol. Soc.* 56:277-285.
- Gordon, D.M.  
1984. Species-specific patterns in the social activities of harvester ant colonies (*Pogonomyrmex*). *Insectes Sociaux (Paris)* 31(1):74-86.
- Gordon, D.M.  
1984. Harvester ant middens: refuse or boundary? *Ecological Entomology* 9:403-412.
- Gordon, D.M.

# SWRS Bibliography

1984. The persistence of role in exterior workers of the harvester ant, *Pogonomyrmex badius*. *Psyche* 91(3-4):251-266.
- Gordon, D.M.  
1986. The dynamics of the daily round of the harvester ant colony (*Pogonomyrmex barbatus*). *Anim. Behav.* 34:1402-1419.
- Gordon, D.M.  
1987. Group-level dynamics in harvester ants: young colonies and the role of patrolling. *Anim. Behav.* 35:833-843.
- Gordon, D.M.  
1988. Group-level exploration tactics in fire ants. *Behaviour* 104:162-175.
- Gordon, D.M.  
1988. Nest-plugging: interference competition in desert harvester ants (*Novomessor cockerelli* and *Pogonomyrmex barbatus*). *Oecologia* 75:114-118.
- Gordon, D.M.  
1989. Ants distinguish neighbors from strangers. *Oecologia* 81:198-200.
- Gordon, D.M.  
1989. Dynamics of task switching in harvester ants. *Anim. Behav.* 38:194-204.
- Gordon, D.M.  
1991. Behavioral flexibility and the foraging ecology of seed-eating ants. *Am. Nat.* 138:379-411.
- Gordon, D.M.  
1991. Variation and change in behavioral ecology. *Ecology* 72:1196-1203.
- Gordon, D.M.  
1992. How colony growth affects forager intrusion between neighboring harvester colonies. *Behav. Ecol. Sociobiol.* 31:417-427.
- Gordon, D.M.  
1993. The spatial scale of seed collection by harvester ants. *Oecologia* 95:479-487.
- Gordon, D.M.  
1995. The development of an ant colony's foraging range. *Anim. Behav.* 49:649-659.
- Gordon, D.M.  
1997. The population consequences of territorial behavior. *Tree* 12:63-66.
- Gordon, D.M.  
1999. Ants at work: how an insect society is organized. Free Press, Simon & Schuster. 2000 paperback, W.W. Norton, 182 pp.
- Gordon, D.M.  
1999. Close encounters. *The Sciences* (Sept/Oct):24-28.
- Gordon, D.M.  
2002. The regulation of foraging activity in red harvester ant colonies. *Am. Naturalist* 159:509-518.
- Gordon, D.M., and B. Holldobler.  
1987. Worker longevity in harvester ants. *Psyche* 94:341-346.
- Gordon, D.M., S. Holmes and S. Nacu.  
2008. The short-term regulation of foraging in harvester ants. *Behavioral Ecology* 19:217-222.
- Gordon, D.M. and A.W. Kulig.  
1996. Founding, foraging and fighting: colony size and the spatial distribution of harvester ant nests. *Ecology* 77:2393-2409.
- Gordon, D.M. and A.W. Kulig.  
1998. The effect of neighboring colonies on mortality in harvester ants. *Journal of Animal Ecology* 67:141-148.
- Gordon, D.M. and Mehdiabadi, N.  
1999. Encounter rate and task allocation in harvester ants. *Behavioral Ecology and Sociobiology* 45:370-377.
- Gordon, D.M., J. Chu, A. Lillie, M. Tissot and N. Pinter.  
2005. Variation in the transition from inside to outside work in the red harvester ant, *Pogonomyrmex barbatus*. *Insectes Soc.*, 52:212-217.
- Grant, K.A., and V. Grant.  
1967. Records of hummingbird pollination in the western American flora - III. *Arizona records. Aliso* 6:107-110.



# SWRS Bibliography

- Grant, K.A., and V. Grant.  
1968. Hummingbirds and their flowers. Columbia University Press, New York. 115 pp.
- Grant, V., and K.A. Grant.  
1965. Flower pollination in the phlox family. Columbia University Press, New York. 180 pp.
- Grassman, M., and D. Crews.  
1986. Progesterone induction of pseudocopulatory behavior and stimulus-response complementarity in an all-female lizard species. *Horm. and Behav.* 20:327-335.
- Grassman, M., and D. Crews.  
1987. Dominance and reproduction in a parthenogenetic lizard species. *Behav. Ecol. Sociobiol.* 21:141-147.
- Gravelle, K., and C.A. Simon.  
1980. Field observations on the use of the tongue-Jacobson's organ system in two iguanid lizards, *Sceloporus jarrovi* and *Anolis trinitatis*. *Copeia* 1980:356-359.
- Greenberg, L., A. Aliabadi, J.S. McElfresh, H. Topoff, and J. Millar.  
2004. Sex pheromone of queens of the slave-making ant, *Polyergus breviceps*. *J. Chem. Ecol.* 30:1297-1303.
- Greene, E.  
1987. A sheep in wolf's clothing. *Backyard Bugwatching* 3:4-5.
- Greene, E.  
1989. A diet-induced developmental polymorphism in a caterpillar. *Science* 243:643-646.
- Greene, E.  
1989. Food resources, interspecific aggression, and community organization in a guild of insectivorous birds. Ph.D. dissertation, Princeton University. 259 pp.
- Greene, E.  
1996. Effect of light quality and larval diet on morph induction in the polymorphic caterpillar *Nemoria arizonaria* (Lepidoptera: Geometridae). *Biol. J. Linn. Soc.* 58:277-285.
- Greene, E.  
1999. Phenotypic variation in larval development and evolution: polymorphism, polyphenism, and developmental reaction norms. Pp. 379-410 in *The Origin and Evolution of Larval Forms*, Academic Press.
- Greene, E., L.J. Orsak, and D.W. Whitman.  
1987. A tephritid fly mimics the territorial displays of its jumping spider predators. *Science* 236:310-312.
- Greene, M.J., and D.M. Gordon.  
2003. Cuticular hydrocarbons inform task decisions. *Nature* 423:32.
- Greene, M.J. and D.M. Gordon.  
2007. Interaction rate informs harvester ant task decisions. *Behavioral Ecology Advance Access*.
- Greene, M.J., and D.M. Gordon.  
2007. Interaction rate informs harvester ant task decisions. *Behavioral Ecology* 18:451-455.
- Greene, M.J., and D.M. Gordon.  
2007. How patrollers set foraging direction in harvester ants. *American Naturalist* 170:943-948.
- Greene, M.J., and D.M. Gordon.  
2007. Structural complexity of chemical recognition cues affects the perception of group membership in the ants *Linepithema humile* and *Aphaenogaster cockerelli*. *J. Experimental Biology* 201:897-905.
- Greenfield, M.D.  
1994. Cooperation and conflict in the evolution of signal interactions. *Annu. Rev. Ecol. Syst.* 25:97-126.
- Greenfield, M.D.  
1994. Synchronous and alternating choruses in insects and anurans: common mechanisms and diverse functions. *Am. Zool.* 34:605-615.
- Greenfield, M.D.  
1997. Sexual selection in resource defense polygyny: lessons from territorial grasshoppers. Pp. 75-88 in *The evolution of mating systems in insects and arachnids*, J.C. Choe and B.J. Crespi, eds. Cambridge University Press, Cambridge.
- Greenfield, M.D.

# SWRS Bibliography

1997. Acoustic communication in orthoptera. Pp. 197-230 in The bionomics of grasshoppers, katydids and their kin, S.K. Gangwere, M.C. Muralirangan, and M. Muralirangan, eds. CAB International.
- Greenfield, M.D.  
1997. Sexual selection and the evolution of advertisement signals. Pp. 145-177 in Perspectives in ethology, Owings et al., eds. Plenum Press, New York.
- Greenfield, M.D.  
2002. Signalers and receivers: mechanisms and evolution of arthropod communication. Oxford University Press.
- Greenfield, M.D., E. Alkaslassy, G.-y. Wang, and T.E. Shelly.  
1989. Longterm memory in territorial grasshoppers. *Experientia* 45:775-777.
- Greenfield, M.D., and T.E. Shelly.  
1990. Territory-based mating systems in desert grasshoppers: effects of host plant distribution and variation. Pp. 315-335 in Biology of grasshoppers, R.F. Chapman and A. Joern, eds. John Wiley and Sons, New York.
- Greenfield, M.D., and W.A. Snedden.  
2003. Selective attention and the spatio-temporal structure of orthopteran choruses. *Behaviour* 140:1-26.
- Greenfield, M.D., M.K. Tourtellot, and W.A. Snedden.  
1997. Precedence effects and the evolution of chorusing. *Proc. R. Soc. Lond. B.*:1355-1361.
- Gumbart, T.C., and K.A. Sullivan.  
1990. Predation on yellow-eyed junco nestlings by twin-spotted rattlesnakes. *Southwest. Nat.* 35:367-368.
- Gustafson, J.E., and D. Crews.  
1981. Effect of group size and physiological state of a cagemate on reproductive effort in the parthenogenetic lizard *Cnemidophorus uniparens* (Teiidae). *Behav. Ecol. Sociobiol.* 8:267-272.
- Hailman, J.P., and M.S. Ficken.  
1996. Comparative analysis of vocal repertoires, with reference to chickadees. Pp. 136-159 in Ecology and evolution of acoustic communication in birds, D.E. Kroodsma and E.N. Miller, eds. Cornell University Press, Ithaca.
- Hainsworth, F.R.  
1973. On the tongue of a hummingbird: its role in the rate and energetics of feeding. *Comp. Biochem. Physiol.* 46A:65-78.
- Hainsworth, F.R.  
1974. Food quality and foraging efficiency, the efficiency of sugar assimilation by hummingbirds. *J. Comp. Physiol.* 88:425-431.
- Hainsworth, F.R., T. Moonan, M.A. Voss, K.A. Sullivan, and W.W. Weathers.  
1998. Time and heat allocations to balance conflicting demands during intermittent incubation by yellow-eyed juncos. *J. Avian Biol* 29:113-120.
- Hamilton, R.W.  
1974. The genus *Haplorhynchites* (Coleoptera: Rhynchitidae) in America north of Mexico. *Ann. Entomol. Soc. Am.* 67:787-794.
- Hardy, L.M., and C.J. Cole.  
1981. Parthenogenetic reproduction in lizards: histological evidence. *J. Morphol.* 170:215-237.
- Hardy, L.M., and C.J. Cole.  
1998. Morphology of a sterile, tetraploid, hybrid whiptail lizard (Squamata: Teiidae: *Cnemidophorus*). *Amer. Mus. Novitates* 3228:1-16.
- Hayes, P.T., and D. Drewes.  
1978. Mesozoic depositional history of southeastern Arizona. Pp. 201-207 in Land of Cochise, southeastern Arizona: N. Mex. Geol. Soc. 29th field conf. guidebook, J.F. Callender, J.C. Wilt, and R.E. Clemons, eds. .
- Heckenlively, D.B.  
1970. Song in a population of black-throated sparrows. *Condor* 72:24-36.
- Heinze, J., B. Hölldobler, and S. Trenkle.

# SWRS Bibliography

1995. Reproductive behavior of the ant *Leptothorax* (*Dichothorax*) *pergandei*. *Ins. Soc.* 42:309-315.
- Heinze, J., O. Ruppell, S. Foitzik, and A. Bushinger.  
1998. First records of *Leptothorax rugatulus* (Hymenoptera: Formicidae) with cysticercoids of tapeworms (Cestoda: Dilepididae) from the southwestern United States. *Fla. Entomol.* 81:122-125.
- Helms, K.R.  
1994. Colony and population sex ratio evolution in the ant *Pheidole desertorum* Wheeler. Ph.D. dissertation, Arizona State University, Tempe. 99 pp.
- Helms, K.R.  
1994. Sexual size dimorphism and sex ratios in bees and wasps. *Am. Nat.* 143:418-434.
- Helms, K.R.  
1995. Natural history of the ant *Pheidole desertorum* Wheeler in a desert grassland habitat. *Psyche* 102:35-47.
- Helms, K.R.  
1999. Colony sex ratios, conflict between queens and workers, and apparent queen control in the ant *Pheidole desertorum*. *Evolution* 53:1470-1478.
- Helms, K.R., J.H. Fewell, and S.W. Rissing.  
2000. Sex ratio determination by queens and workers in the ant *Pheidole desertorum*. *Anim. Behav.* 59:523-527.
- Helms, K.R., and S.W. Rissing.  
1990. Single sex alate production by colonies of *Pheidole desertorum* and *Pheidole xerophila tucsonica* (Hymenoptera: Formicidae). *Psyche* 97:213-216.
- Henneman, M.L., E.G. Dyreson, J. Takabayashi, and R.A. Raguso.  
2002. Response to walnut olfactory and visual cues by the parasitic wasp *Diachasmimorpha juglandis*. *J. Chem. Ecol.* 28:2221-2244.
- Henry, C.S.  
1972. Eggs and repagula of *Ululodes* and *Ascaloptynx* (Neuroptera): a comparative study. *Psyche* 83:1-22.
- Henry, C.S.  
1973. The biology of two North American ascalaphids (Neuroptera: Ascalaphidae). Ph.D. dissertation, Harvard University. 358 pp.
- Henry, C.S.  
1976. Some aspects of the external morphology of larval owlflies (Neuroptera: Ascalaphidae), with particular reference to *Ululodes* and *Ascaloptynx*. *Psyche* 83:1-31.
- Henry, C.S.  
1977. The behavior and life histories of two North American ascalaphids. *Ann. Entomol. Soc. Am.* 70:179-195.
- Henry, C.S.  
1978. An evolutionary and geographical overview of repagula (abortive eggs) in the Ascalaphidae (Neuroptera). *Proc. Entomol. Soc. Wash.* 80:75-86.
- Henry, S.G., and F.R. Gehlbach.  
1999. Elf owl (*Micrathene whitneyi*). Pp. 1-20 in *The birds of North America*, No. 413, A. Poole and F. Gill, eds. The Birds of North America, Inc., Philadelphia, PA.
- Hespenheide, H.A.  
1964. Competition and the genus *Tyrannus*. *Wilson Bull.* 76:265-281.
- Hespenheide, H.A.  
1983. Nomenclatural notes on the Buprestidae (Coleoptera). *Coleop. Bull.* 37:306.
- Hespenheide, H.A.  
1990. Insect diversity in the borderlands: a comment. Pp. 481-483 in *Environmental hazards and bioresource management in the United States - Mexico borderlands*, P. Ganster and H. Walter, eds. UCLA Latin American Center Publications, Los Angeles.
- Hespenheide, H.A.  
1996. Buprestidae (Coleoptera). Pp. 411-421 in *Biodiversidad, taxonomía y biogeografía de artrópodos de México: hacia una síntesis de su conocimiento*, J.E.L. Bousquets, A.N.G. Aldrete, and E.G. Soriano, eds. Instituto de Biología, Universidad Nacional Autónoma de México, Mexico.

# SWRS Bibliography

- Hespenheide, H.A.  
1996. Chrysomelidae of the subfamily *Clytrinae* as models for mimicry complexes. Pp. 227-239 in Chrysomelidae biology, vol. 2: Ecological studies, P.H.A. Jolivet and M.L. Cox, eds. SPB Academic Publishing, Amsterdam, Netherlands.
- Hespenheide, H.A., and M.A. Rubke.  
1977. Prey, predatory behavior and the daily cycle of *Holopogon wilcoxi* Martin (Diptera:Asilidae). Pan-Pac. Entomol. 61:95-104.
- Hespenheide, H. A.  
2003. New *Lechriops* species for the United States (Coleoptera: Curculionidae: Conoderinae). The Coleopterists Bulletin 57:345-352.
- Hespenheide, H.A.  
2007. The identity of *Agrilus impexus* Horn, a new species, and taxonomic notes and records for other *Agrilus* Curtis species (Coleoptera: Buprestidae). Zootaxa 1617:57-66.
- Hespenheide, H.A.  
2007. A new *Eulechriops* Faust from Arizona and México (Coleoptera: Curculionidae: Conoderinae) with distributional notes for other species in the genus. Coleopterists Bulletin 61: 283-286.
- Hews, D.K. and M.F. Benard.  
2001. Negative Association between conspicuous visual display and chemosensory behavior in two Phrynosomatid lizards. Ethology 107:839-850.
- Hews, D.K., M. Castellano, and E. Hara.  
2004. Aggression in females is also lateralized: left-eye bias during aggressive courtship rejection in lizards. Anim. Behav. 68:1201-1207.
- Hews, D.K. and V.S. Quinn.  
2003. Endocrinology of species differences in sexually dichromatic signals: using the organization and activation model in a phylogenetic framework. Pp. 253-277 in S.F. Fox, J.K. McCoy, and T.A. Baird, eds. Lizard social behavior. John Hopkins University Press, Baltimore, MD.
- Hews, D.K., and R.A. Worthington.  
2002. Fighting from the right side of the brain: left visual field preference during aggression in free-ranging male tree lizards (*Urosaurus ornatus*). Brain, Behav. Evol. 58:356-361.
- Hews, D.K., Date P., Hara E. and Castellano MJ  
2011. Field presentations of male secretions alter social display rates in *Sceloporus virgatus* but not in *S. undulates* lizards. Behavioral Ecology & Sociobiology 65:1403-1410.
- Hews, D.K., and Martins, E.P.  
2013. Visual and chemical signals of social communication:providing the link to havitat and environment. Pp 111-141. WI Lutterschmidt, Ed. *Reptiles in Research: Ecology, Physiology and Behavior from Desert to Sea*. Nova Publishers, Hauppauge N.Y. Pub. Date: 2013 ISBN: 978-1-62808-599-0.
- Hillyard, S.D.  
1974. The role of antidiuretic hormones in the water economy of the spadefoot toad, *Scaphiopus couchi*. Ph.D dissertation, University of California, Riverside. 78 pp.
- Hillyard, S.D.  
1975. The role of antidiuretic hormones in the water economy of the spadefoot toad, *Scaphiopus couchi*. Physiol. Zool. 48:242-251.
- Hillyard, S.D.  
1976. The movement of soil water across the isolated amphibian skin. Copeia 1976:314-320.
- Hillyard, S.D.  
1976. Variation in the effects of antidiuretic hormone on the isolated skin of the toad, *Scaphiopus couchi*. J. Exp. Zool. 195:199-206.
- Hillyard, S.D., and A. Vinegar.  
1972. Respiration and thermal tolerance of the phyllopod crustacea *Triops longicaudatus* and *Thamnocephalus platyurus* inhabiting desert ephemeral ponds. Physiol. Zool. 45:189-195.
- Hofer, M.A.  
1970. Cardiac and respiratory function during prolonged immobility in wild rodents. Psychosom. Med. 32:633-647.

# SWRS Bibliography

- Holland, G.P.  
1960. A new species of *Catallagia* Rothschild from Arizona (Siphonaptera: Hystrichopsyllidae: Neopsyllinae). *Can. Entomol.* 92:768-770.
- Hopp, S.L., P. Jablonski, and J.L. Brown.  
2001. Recognition of group membership by voice in Mexican jays, *Aphelocoma ultramarina*. *Anim. Behav.* 62:297-303.
- Horvath, E.G., and K.A. Sullivan.  
1988. Facultative migration in yellow-eyed juncos. *Condor* 90:482-484.
- Howell, D.J.  
1979. Flock foraging in nectar-feeding bats: advantages to the bats and to the host plants. *Am. Nat.* 114:23-49.
- Howell, D.J., and B.S. Roth.  
1981. Sexual reproduction in agaves: the benefits of bats; the cost of semelparous advertising. *Ecology* 62:1-7.
- Hulse, A.C.  
1981. Ecology and reproduction of the parthenogenetic lizard *Cnemidophorus uniparens* (Teiidae). *Ann. Carnegie Mus.* 50:353-369.
- Hulse, A.C., and G.A. Middendorf.  
1979. Notes on the occurrence of *Gopherus agassizi* (Testudinae) in extreme eastern Arizona. *Southwest. Nat.* 24:545-546.
- Hurd, P.D., Jr.  
1959. Beefly parasitism of the American carpenter bees belonging to the genus *Xylocopa latreille* (Diptera: Hymenoptera). *J. Kans. Entomol. Soc.* 32:53-58.
- Hurst, J.J., J. Meinwald, and T. Eisner.  
1964. Defense mechanism of arthropods - XII. Glucose and hydrocarbons in the quinone-containing secretion of *Eleodes longicollis*. *Ann. Entomol. Soc. Am.* 57:44-46.
- Hutto, R.L.  
1985. Seasonal changes in the habitat distribution of transient insectivorous birds in southeastern Arizona: competition mediated? *Auk* 102:120-132.
- Itami, J.K.  
1982. Agonistic and territorial behavior of the vinegaroon, *Mastigoproctus giganteus* (Aracnida: Uropygida). M.S. thesis, Northern Arizona University, Flagstaff. 83 pp.
- Ingram K.K., P. Oefner and D.M. Gordon.  
2005. Task-specific expression of the foraging gene in harvester ants. *Molecular Ecology* 14:813-818.
- Jablonski, P.G.  
1994. Adaptive significance of color patterns in painted redstart. *J. Ornithol.* 135:147.
- Jablonski, P.G.  
1995. Poluniowo-Zachodnia stacja badawcza Amerykanskiego Museum przyrodniczego w Arizonie. *Wiad. Ekol.* XLI:275-277.
- Jablonski, P.G.  
1996. Dark habitats and bright birds: warblers may use wing patches to flush prey. *Oikos* 75:350-352.
- Jablonski, P.G.  
1998. A rare predator exploits prey escape behavior: the role of tail-fanning and plumage contrast in foraging of the painted redstart (*Myioborus pictus*). *Behavioral Ecology* 10:7-14.
- Jablonski, P.G.  
2001. Sensory exploitation of prey: manipulation of the initial direction of prey escapes by a conspicuous "rare enemy". *Proc. R. Soc. Lond. B* 268:1017-1022.
- Jablonski, P.  
2003. Foraging behavior and insect brains. *Interpretive Birding* 4:27-29.
- Jablonski, P.G., and N.J. Strausfeld.  
2000. Exploitation of an ancient escape circuit by an avian predator: prey sensitivity to model predator display in the field. *Brain Behav. Evol.* 263:1-13.
- Jablonski, P.G., and N.J. Strausfeld.  
2001. Exploitation of an ancient escape circuit by an avian predator: relationships between taxon-specific prey escape circuits and the sensitivity to visual cues from the predator. *Brain Behav. Evol.* 58:218-240.



# SWRS Bibliography

- Jackson, R.R.  
1977. Comparative studies of *Dictyna* and *Mallos* (Araneae: Dictynidae). III. Prey and predatory behavior. *Psyche* 83:267-280.
- Jackson, R.R.  
1977. Web sharing by males and females of dictynid spiders. *Bull. Br. Arachnol. Soc.* 4:109-112.
- Jackson, R.R.  
1978. Comparative studies of *Dictyna* and *Mallos* (Araneae: Dictynidae). I. Social organization and web characteristics. *Rev. Arachnol.* 1:133-164.
- Jackson, R.R.  
1978. Male mating strategies of dictynid spiders with differing types of social organization. *Symp. Zool. Soc. London* 42:79-88.
- Jackson, R.R.  
1982. Comparative studies of *Dictyna* and *Mallos* (Araneae:Dictynidae): IV. Silk-mediated interattraction. *Insectes Soc. (Paris)* 29:15-24.
- Jacobsen, R.E.  
1998. The symbiotic relationship of a chironomid with its ephemeropteran host in an Arizona mountain stream. *J. Kans. Entomol. Soc* 71:426-438.
- Jacobsen, R.E.  
1995. Symbiotic associations between Chironomidae (Diptera) and Ephemeroptera. Pp. 317-322 in: *Current directions in research on Ephemeroptera*, J. Ciborowski and L. Corkum, eds. Canadian Scholars' Press, Toronto.
- Jaenike, J., K.A. Dyer, and L.K. Reed.  
2003. Within-population structure of competition and the dynamics of male-killing *Wolbachia*. *Evolutionary Ecology Research* 5:1023-1036.
- John, K.R.  
1963. The effect of torrential rains on the reproductive cycle of *Rhinichthys osculus* in the Chiricahua Mountains, Arizona. *Copeia* 1963:286-291.
- John, K.R.  
1964. Survival of fish in intermittent streams of the Chiricahua Mountains, Arizona. *Ecology* 45:112-119.
- John-Alder, Henry B. and Cox, Robert M. and Taylor, Emily N.  
2007. Proximate developmental mediators of sexual dimorphism in size: case studies from squamate reptiles. *Integrative and Comparative Biology*, volume 47, number 2, pp. 258-271
- Johnson, C.  
1964. Mating expectancies and sex ratio in the damselfly, *Enallagma praevarum* (Odonata: Coenagrionidae). *Southwest. Nat.* 9:297-304.
- Johnson, C.A.  
2000. Mechanisms of dependent colony founding in the slave-maker ant, *Polyergus breviceps* Emery (Hymenoptera: Formicidae). Ph.D. dissertation, City University of New York. 193 pp.
- Johnson, C.A.  
2000. Responses of two potential host species (*Formica gnava* and *Formica occulta*) to pupae of the obligatory slave-making ant, *Polyergus breviceps* (Hymenoptera: Formicidae). *J. Insect Behav.* 13:711-730.
- Johnson, C.A., H. Topoff, R.K. Vander Meer, and B. Lavine.  
2002. Host queen killing by a slave-maker ant queen: when is a host queen worth attacking? *Anim. Behav* 64:807-815.
- Johnson, C.A., R.K. Vander Meer, and B. Lavine.  
2001. Changes in the cuticular hydrocarbon profile of the slave-maker ant queen, *Polyergus breviceps* Emery, after killing a *Formica* host queen (Hymenoptera:Formicidae). *J. Chem. Ecol.* 27:1787-1804.
- Johnson, R.A.  
1994. Distribution and natural history of the workerless inquiline ant *Pogonomyrmex anergismus* Cole (Hymenoptera:Formicidae). *Psyche* 101:257-262.
- Johnson, R.A.  
1998. Foundress survival and brood production in the Desert seed-harvester ants



# SWRS Bibliography

- Pogonomyrmex rugosus* and *P. barbatus*. *Insectes Sociaux* 45:255-266.
- Johnson, R.A.  
2000. Water loss in desert ants: caste variation and the effect of cuticle abrasion. *Physiological Entomology* 25:48-53.
- Johnson, R.A.  
2000. Habitat segregation based on soil texture and body size in the seed-harvester ants *Pogonomyrmex barbatus* and *P. rugosus*. *Ecological Entomology* 25:403-412.
- Johnson, R.A.  
2000. Seed-harvester ants (Hymenoptera:Formicidae) of North America: an overview of ecology and biogeography. *Sociobiology* 36:89-122 (plus color plates and p. 597).
- Johnson, R.A.  
2001. Biogeography and community structure of North American seed-harvester ants. *Annu. Rev. Entomol.* 46:1-29.
- Johnson, R.A.  
2002. Semi-claustral colony founding in the seed-harvester ant *Pogonomyrmex californicus*: a comparative analysis of colony founding strategies. *Oecologia* 132:60-67.
- Johnson, R.A., J.D. Parker, and S.W. Rissing.  
1996. Rediscovery of the workerless inquiline ant *Pogonomyrmex colei* and additional notes on natural history (Hymenoptera:Formicidae). *Insectes Sociaux* 43:69-76
- Jones, R.M.  
1978. Nitrogen and energy metabolism of terrestrial anuran amphibians. Ph.D. dissertation, University of California, Riverside. 90 pp.
- Jones, W.T.  
1982. Natal nondispersal in kangaroo rats. Ph.D. dissertation, Purdue University, West Lafayette, Indiana. 185 pp.
- Jones, W.T.  
1984. Natal philopatry in bannertailed kangaroo rats. *Behav. Ecol. Sociobiol.* 15:151-155.
- Jones, W.T.  
1986. Survivorship in philopatric and dispersing kangaroo rats (*Dipodomys spectabilis*). *Ecology* 67:202-207.
- Jones, W.T.  
1988. Density-related changes in survival of philopatric and dispersing kangaroo rats. *Ecology* 69:1474-1478.
- Jones, W.T.  
1988. Variation in sex ratios of banner-tailed kangaroo rats in relation to population density. *J. Mammal.* 69:303-310.
- Jones, W.T.  
1989. Dispersal distance and the range of nightly movements in Merriam's kangaroo rats. *J. Mammal.* 70:27-34.
- Jones, W.T.  
1987. Dispersal patterns in kangaroo rats (*Dipodomys spectabilis*). Pp. 119-127 in *Mammalian dispersal patterns: the effects of social structure on population genetics*, B.D. Chepko-Sade and Z.T. Halpin, eds. University of Chicago Press, Chicago.
- Jones, W.T.  
The social systems of heteromyid rodents. In: *The biology of heteromyid rodents*, H.H. Genoways and J.H. Brown, eds., American Society of Mammalogists, Shippensburg, PA.
- Jones, W.T., and B. Bush.  
1984. A mound of one's own. *Nat. Hist.* 93:60-67.
- Jones, W.T., P.M. Waser, L. Elliott, N. Link, and B.B. Bush.  
1988. Philopatry, dispersal, and habitat saturation in the banner-tailed kangaroo rat, *Dipodomys spectabilis*. *Ecology* 69:1466-1473.
- Julian, G.E., J.H. Fewell, J. Gadau, R.A. Johnson, and D. Larrabee.  
2002. Genetic determination of the queen caste in an ant hybrid zone. *PNAS* 99:8157-8160.
- Jung, A.K.S., and V.D. Roth.  
1974. Spiders of the Chiricahua Mountain area, Cochise County, Arizona. *J. Ariz. Acad. Sci.* 9:29-34.
- Kaila, L.

# SWRS Bibliography

1997. A revision of the Nearctic species of *Elachista* s. 1. II. The *argentella* group (Lepidoptera, Elachistidae). *Acta Zool. Fenn.* 206:1-93.
- Kaiser, W.  
1995. Rest at night in some solitary bees. A comparison with the sleep-like state of honey bees. *Apidologie* 26:213-230.
- Kaufmann, M.R., W.H. Moir, and R.L. Bassett.  
1992. Old-growth forests in the Southwest and Rocky Mountain Regions: proceedings of a workshop. General Technical Report No. RM-213. USDA Forest Service. 201 pp.
- Kay, A.  
2002. Applying optimal foraging theory to assess nutrient availability ratios for ants. *Ecology* 83: 1935-1944.
- Kay, A.D.  
2000. The impact of nutrient balance on the acquisition and allocation strategies of ants. Ph.D. dissertation, University of Utah. 197 pp.
- Kays, R.W., and D.E. Wilson.  
2002. Mammals of North America. Princeton Field Guides. Princeton University Press, Princeton, NJ. 240 pp.
- Kirk, R.  
1968. An outdoor nature laboratory. *Nature and Science* 5:4-5.
- Kirkwood, C.  
1961. A new *Eupithecia* from Arizona (Lepidoptera, Geometridae). *Bull. South. Calif. Acad. Sci.* 60:45-46.
- Klots, A.B.  
1971. Notes on the life history of *Zestusa dora* (W.H. Edwards) (Lepidoptera: Hesperiiidae). *J. N.Y. Entomol. Soc.* 79:84-88.
- Knull, J.N.  
1957. A new *Agrilus* from the Chiricahua Mountains of Arizona (Coleoptera: Buprestidae). *Ohio J. Sci.* 57:234-235.
- Knull, J.N.  
1960. A new subspecies of *Acmaeodera quadrivittata* Horn (Coleoptera: Buprestidae). *Ohio J. Sci.* 60:6-7.
- Kohn, J.R.  
1988. Why be female? *Nature* 335:431-433.
- Kosztarab, M.  
1982. Observations on *Torvothrips kosztarabi* (Thysanoptera: Phlaeothripidae) inhabiting coccoid galls. *Fla. Entomol.* 65:159-164.
- Krombein, K.V.  
1961. Some insect visitors of mat Euphorbia in southeastern Arizona (Hymenoptera, Diptera). *Entomol. News* 72:80-83.
- Krombein, K.V.  
1967. Trap-nesting wasps and bees - life histories, nests and associates. Smithsonian Press, Washington, D.C. 570 pp.
- Krombein, K.V.  
1992. Host relationships, ethiology and systematics of *Pseudomethoca ashmead* (Hymenoptera: Multillidae, Andrenidae, Halictidae and Anthophoridae). *Proc. Entomol. Soc. Wash.* 94:91-106.
- Kronk, A.E., and S.E. Riechert.  
1979. Parameters affecting the habitat choice of a desert wolf spider *Lycosa santrita* Chamberlin & Ivie. *J. Arachnol.* 7:155-166.
- Krüger, K., R. Prinzinger, and K.-L. Schuchmann.  
1982. Torpor and metabolism in hummingbirds. *Comp. Biochem. Physiol.* 73A:679-689.
- Krusic, P.J., and P.M. Brown.  
1994. Proceedings of the 5th North American Dendroecological fieldweek at the American Museum of Natural History. Southwestern Research Station, Portal, Arizona. 61 pp.
- Kunzman, M.R., and R.R. Johnson.  
1991. Unusual behavior in a solitary vireo. *Wilson Bull.* 103:309-310.
- Kurczewski, F.E.

# SWRS Bibliography

1975. Host records for some species of Pompilidae from the southwestern United States and Mexico. *Pan-Pac. Entomol.* 51:147-151.
- Kwait, E.C., and H. Topoff.  
1983. Emigration raids by slave-making ants: a rapid-transit system for colony relocation (Hymenoptera: Formicidae). *Psyche* 90:307-312.
- LaMon, B., and H. Topoff.  
1981. Avoiding predation by army ants: defensive behaviors of three ant species of the genus *Camponotus*. *Anim. Behav.* 29:1070-1081.
- Lange, R.S.  
1999. Hummingbird and *Penstemon* interactions in the Chiricahua Mountains, Arizona. M.S. thesis, Indiana State University, Terre Haute, Indiana. 76 pp.
- Lange, R.S., S.A. Scobell, and P.E. Scott.  
2000. Hummingbird-syndrome traits, breeding system, and pollinator effectiveness in two syntopic *Penstemon* species. *Int. J. Plant Sci.* 161:253-263.
- Lange, R.S., and P.E. Scott.  
1999. Hummingbird and bee pollination of *Penstemon pseudospectabilis*. *J. Torrey Bot. Soc.* 126:99-106.
- Lange, R.S., and P.E. Scott.  
2001. Passerine and hummingbird visitation to two southwestern agaves. *Arizona-Nevada Acad. Sci.* 33:93-97.
- Lanner, R.M.  
1974. Natural hybridization between *Pinus edulis* and *Pinus monophylla* in the American southwest. *Silvae Genet.* 23:108-116.
- Lanning, D.V.  
1976. The recent distribution and abundance of the coati, *Nasua nasua*, in the Chiricahua Mountains of southeastern Arizona, with emphasis on the Chiricahua National Monument. 33 pp.
- Lanyon, W.E.  
1960. Relationship of the house wren (*Troglodytes aedon*) of North America and the brown-throated wren (*Troglodytes brunneicollis*) of Mexico. Pp. 450-458 in Proceedings of the 12th Int. Ornithological Congress, . Helsinki, Finland.
- Lanyon, W.E.  
1961. Specific limits and distribution of ash-throated and Nutting flycatchers. *Condor* 63:421-449.
- Lanyon, W.E.  
1963. Experiments on species discrimination in *Myiarchus* flycatchers. *Am. Mus. Novit.* 2126:1-16.
- Lanyon, W.E., and W.R. Fish.  
1958. Geographical variation in the vocalizations of the western meadowlark. *Condor* 60:339-341.
- LaSalle, J.  
1987. New World Tanaostigmatidae (Hymenoptera, Chalcidoidea). *Contrib. of the Am. Entomol. Inst.* 23:1-181.
- Lasiewski, R.C.  
1963. Oxygen consumption of torpid, resting, active and flying hummingbirds. *Physiol. Zool.* 36:122-140.
- Lasiewski, R.C.  
1964. Body temperatures, heart and breathing rate, and evaporative water loss in hummingbirds. *Physiol. Zool.* 37:212-223.
- Lasiewski, R.C., and R.J. Lasiewski.  
1967. Physiological responses of the blue-throated and Rivoli's hummingbirds. *Auk* 84:34-48.
- Leache, A.D. and Cole, C.J.  
2007. Hybridization between multiple fence lizard lineages in an ecotone: locally discordant variation in mitochondrial DNA, chromosomes, and morphology. *Molecular Exology* 16, pp. 1035-1054.
- Leary, J., and K.A. Sullivan.

# SWRS Bibliography

1991. Intruders on yellow-eyed junco territories. *Wilson Bull.* 103:292-295.
- LeBrun, E.G., and D.H. Feener, Jr.  
2002. Linked indirect effects in ant-phorid interactions: impacts on ant assemblage structure. *Oecologia* 133:599-607.
- Li, S.-H., and J.L. Brown.  
2000. High frequency of extrapair fertilization in a plural breeding bird, the Mexican jay, revealed by DNA microsatellites. *Anim. Behav.* 60:867-877.
- Li, S.-H., and J.L. Brown.  
2002. Reduction of maternal care: a new benefit of multiple mating? *Behav. Ecol.* 13:87-93.
- Li, S.-H., Y. Huang, and J.L. Brown.  
1997. Isolation of tetranucleotide microsatellites from the Mexican jay *Aphelocoma ultramarina*. *Molecular Ecology*.
- Lindzey, J., and D. Crews.  
1986. Hormonal control of courtship and copulatory behavior in male *Cnemidophorus inornatus*, a direct sexual ancestor of a unisexual, parthenogenetic lizard. *Gen. Comp. Endocrinol.* 64:411-418.
- Linksvayer, T., M.J. Wade, and D.M. Gordon.  
2006. Genetic caste determination in harvester ants: possible origin and maintenance by cyto-nuclear epistasis. *Ecology* 87:2185-2193.
- Linsley, E.G.  
1959. A new species of *Tragosoma* from southeastern Arizona. *Pan-Pac. Entomol.* 35:127-128.
- Linsley, E.G.  
1960. Ethology of some bee- and wasp-killing robber flies of southeastern Arizona and western New Mexico (Diptera: Asilidae). *Univ. of Calif. Publ. Entomol.* 16:357-392.
- Linsley, E.G.  
1960. A fragmentary observation on the mating behavior of *Timulla* (Hymenoptera: Mutillidae). *Pan-Pac. Entomol.* 36:36.
- Linsley, E.G.  
1960. Observations on some matinal bees at flowers of *Cucurbita*, *Ipomoea* and *Datura* in desert areas of New Mexico and southeastern Arizona. *J. N.Y. Entomol. Soc.* 68:13-20.
- Linsley, E.G.  
1962. The colletid *Ptiloglossa arizonensis* Timberlake, a matinal pollinator of *Solanum* (Hymenoptera). *Pan-Pac. Entomol.* 38:75-82.
- Linsley, E.G.  
1962. Sleeping aggregations of acculeate Hymenoptera-II. *Ann. Entomol. Soc. Am.* 55:148-164.
- Linsley, E.G., and M.A. Cazier.  
1962. A note on the attraction of *Stenaspis solitaria* (Say) and other insects to *Senecio longilobus*, a range plant highly toxic to livestock. *Can. Entomol.* 94:745-748.
- Linsley, E.G., and M.A. Cazier.  
1963. Further observations on bees which take pollen from plants of the genus *Solanum* (Hymenoptera: Apoidea). *Pan-Pac. Entomol.* 39:1-18.
- Linsley, E.G., T. Eisner, and A.B. Klots.  
1961. Mimetic assemblages of sibling species of lycid beetles. *Evolution* 15:15-29.
- Linsley, E.G., and P.D. Hurd.  
1959. Ethological observations on some bees of southeastern Arizona and New Mexico. *Entomol. News* 70:63-68.
- Linsley, E.G., and P.D. Hurd.  
1959. The larval habits of *Plinthocoelium suaveolens plicatum* (LeConte). *Bull. South. Calif. Acad. Sci.* 58:27-33.
- Linsley, E.G., J.N. Knull, and M. Statham.  
1961. A list of Cerambycidae from the Chiricahua Mountain area, Cochise County, Arizona (Coleoptera). *Am. Mus. Novit.* 2050:1-34.
- Linsley, E.G., and C.D. Michener.  
1962. Brief notes on the habits of *Protoxaea* (Hymenoptera: Andrenidae). *J. Kans. Entomol. Soc.* 35:385-389.

# SWRS Bibliography

- Longair, R.W.  
1985. Male behavior in *Euparagia richardsi* Bohart (Hymenoptera:Vespidae). Pan-Pac. Entomol. 61:318-320.
- Longair, R.W., J.H. Cane, and L. Elliott.  
1987. Male competition and mating behavior within mating aggregations of *Glenostictia satan* Gillasp (Hymenoptera: Sphecidae). J. Kans. Entomol. Soc. 60:264-272.
- Lowe, C.H., M.D. Robinson, and V.D. Roth.  
1971. A population of *Phrynosoma ditmarsii* from Sonora, Mexico. J. Ariz. Acad. Sci. 6:275-277.
- Lowe, C.H., J.W. Wright, and C.J. Cole.  
1966. Chromosomes and karyotypes of sceloporine iguanid lizards in the North American Southwest. Mammal. Chrom. Newslett. 22:201-203.
- Lubcke, G.M., and D.S. Wilson.  
2006. Variation in shell morphology of the western pond turtle (*Actinemys marmorata* Baird and Girard) from three aquatic habitats in northern California. In Press, Journal of Herpetology.  
Lubcke, G.M., and D.S. Wilson.  
2006. *Actinemys marmorata* (Pacific Pond Turtle). Size. Herpetological Review 37(3):339.
- Lytle, D.A.  
1996. Ephmeroptera and Trichoptera in SWRS collections. Includes only specimens from Chiricahua Mountains. Print out, not published, Febr. 1, 1996.
- Lytle, D.A.  
1999. Use of rainfall cues by *Abedus herberti* (Hemiptera: Belostomatidae): a mechanism for avoiding flash floods. J. Insect Behavior 12:1-12.
- Lytle, D.A.  
2000. Disturbance regimes and life history evolution. Ph.D. dissertation, Cornell University, Ithaca. 195 pp.
- Lytle, D.A.  
2000. Biotic and abiotic effects of flash flooding in a montane desert stream. Arch. Hydrobiol. 150:85-100.
- Lytle, D.A.  
2001. Disturbance regimes and life-history evolution. Am. Nat. 157:525-536.
- Lytle, D.A.  
2002. Flash floods and aquatic insect life-history evolution: evaluation of multiple models. Ecology 83(2):370-385.
- Lytle, D.A.  
2003. Reconstructing long-term flood regimes with rainfall data: effects of flood timing on caddisfly populations. Southwest. Nat. 48(1):36-42.
- Lytle, D.A. and D.M. Merritt.  
2004. Hydrologic regimes and riparian forests: a structured population model for cottonwood. Ecology 85:2493-2503.
- Lytle, D.A. and N. L. Poff.  
2004. Adaptation to natural flow regimes. Trends in Ecology and Evolution 19:94-100.
- Lytle, D.A. and R.L. Smith.  
2004. Exaptation and flash flood escape in the giant water bugs. J. Insect Behav. 17:169-178
- Manley, D.G., and W.C. Sherbrooke.  
2001. Predation on velvet ants (Hymenoptera: Mutillidae) by Texas horned lizards (*Phrynosoma cornutum*). Southwest. Nat. 46:221-222.
- Manning, G.J., C.J. Cole, H.C. Dessauer, and J.M. Walker.  
2005. Hybridization between parthenogenetic lizards (*Aspidoscelis neomexicana*) and gonochoristic lizards (*Aspidoscelis sexlineata viridis*) in New Mexico: Ecological, morphological, cytological, and molecular context. Am Mus. Novit. 3492.
- Manteuffel, V.M.S.  
2001. Density-dependent processes in the juvenile stage of the life cycle in the striped plateau lizard, *Sceloporus virgatus*. Ph.D. dissertation, University of Miami. 96 pp.
- Marlor, W.  
1992. Laying eggs or giving birth, the amazing reproductive biology of horned toads. Pp. 66-69 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A.

# SWRS Bibliography

- Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Martin, P.S.  
1963. The last 10,000 years: a fossil pollen record of the American Southwest. The University of Arizona Press, Tucson. 87 pp.
- Mathies, T., and R.M. Andrews.  
1995. Thermal and reproductive biology of high and low elevation populations of the lizard *Sceloporus scalaris*: implications for the evolution of viviparity. *Oecologia* 104:101-111.
- Mathies, T., and R.M. Andrews.  
1996. Extended egg retention and its influence on embryonic development and egg water balance: implications for evolution of viviparity. *Physiol. Zool.* 69:1021-1035.
- Mathies, T., and R.M. Andrews.  
1997. Influence of pregnancy on the thermal biology of the lizard, *Sceloporus jarrovi*: Why do pregnant females exhibit low body temperature? *Funct. Ecol.* 11:498-507.
- Matthes-Sears, W., and J. Alcock.  
1986. Hilltopping behavior of *Polistes commanchus navajoe* (Hymenoptera:Vespidae). *Ethology* 71:42-53.
- Mayo, M.L., and D. Crews.  
1987. Neural control of male-like pseudocopulatory behavior in the all-female lizard, *Cnemidophorus uniparens*: effects of intracranial implantation of dihydrotestosterone. *Horm. and Behav.* 21:181-192.
- Mayo, V.K.  
1969. Nymph of *Thraulodes speciosus* Traver with notes on a symbiotic Chironomid (Ephemeroptera: Leptophlebiidae). *Pan-Pac. Entomol.* 45:103-112.
- McClanahan, L., Jr.  
1964. Osmotic tolerance of the muscles of two desert-inhabiting toads, *Bufo cognatus* and *Scaphiopus couchi*. *Comp. Biochem. Physiol.* 12:501-508.
- McClanahan, L., Jr.  
1967. Adaptations of the spadefoot toad, *Scaphiopus couchi*, to desert environments. *Comp. Biochem. Physiol.* 20:73-99.
- McClanahan, L., Jr.  
1972. Changes in body fluids of burrowed spadefoot toads as a function of soil water potential. *Copeia* 1972:209-216.
- McCormick, J., and J.W. Andresen.  
1963. A subdioecious population of *Pinus cembroides* in southeast Arizona. *Ohio J. Sci.* 63:159-163.
- McCoy, C.J., Jr.  
1964. The snake *Tantilla yaquia* in Arizona, an addition to the fauna of the United States. *Copeia* 1964:216-217.
- McDonald, P., and H. Topoff.  
1985. Social regulation of behavioral development in the ant *Novomessor albisetosus* (Mayr). *J. Comp. Psychol.* 99:3-14.
- McDonald, P., and H. Topoff.  
1986. The development of defensive behavior against predation by army ants. *Dev. Psychobiol.* 19:351-367.
- McDonald, P., and H. Topoff.  
1988. Biological correlates of behavioral development in the ant, *Novomessor albisetosus* (Mayr). *Behav. Neurosci.* 102:986-991.
- Medica, P.A.  
1965. Altitude record for *Gerrhonotus kingi*. *Herpetologica* 21:147-148.
- Meinwald, J., K. Koch, J. Rogers, Jr., and T. Eisner.  
1966. Biosynthesis of arthropod secretions. III. Synthesis of simple r-benzoquinones in a beetle (*Eleodes longicollis*). *J. Am. Chem. Soc.* 88:1590-1592.
- Meinwald, Y.C., and T. Eisner.  
1964. Defense mechanisms of arthropods. XIV. Caprylic acid: an accessory component of the secretion of *Eleodes longicollis*. *Ann. Entomol. Soc. Am.* 57:513-514.
- Mendelson, J.R., III, and W.B. Jennings.  
1992. Shifts in the relative abundance of snakes in a desert grassland. *J. Herpetol.* 26:38-



# SWRS Bibliography

45.  
Merker, G.P., and K.A. Nagy.  
1984. Energy utilization by free-ranging *Sceloporus virgatus* lizards. *Ecology* 65:575-581.
- Middendorf, G.A., III.  
1979. An inexpensive method of construction for enclosures and fences. *Herpetol. Rev.* 10:7.
- Middendorf, G.A., III.  
1979. On dominance hierarchies. *Human Ethology Newsletter* 20:6-8.
- Middendorf, G.A., III.  
1979. Resource partitioning by an iguanid lizard: thermal and density influences. Ph.D. dissertation, University of Tennessee, Knoxville.
- Middendorf, G.A., III.  
1984. The effects of population density on patterns of resource utilization by Yarrow's spiny lizard. *J. Wash. Acad. Sci.* 74:51-60.
- Middendorf, G.A.  
1986. Analysis of wildlife diversity on the Apache-Sitgreaves National Forest. A critique of the Apache-Sitgreaves National Forest Plan The Wilderness Society. 14 pp.
- Middendorf, G.A., III.  
1983. Endangered reptiles and amphibians. Pp. 172-175 in *The endangered species handbook*, G. Nilsson, ed. .
- Middendorf, G.A., and J.S. Frankel.  
1992. Genetic variation and historical distribution patterns in populations of Yarrow's spiny lizard, *Sceloporus jarrovi*. Pp. 70-73 in *Chiricahua Mountains research symposium proceedings*, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Middendorf, G.A., III, and B. Grant.  
2003. The challenge of environmental justice. *Frontiers in Ecology and the Environment* 1(3):154-55.
- Middendorf, G.A., III, and W.C. Sherbrooke.  
1992. Canid elicitation of blood-squirting in a horned lizard (*Phrynosoma cornutum*). *Copeia* 1992:519-527.
- Middendorf, G.A., Jr., W.C. Sherbrooke, and E.J. Braun.  
2001. Comparison of blood squirted from the circumorbital sinus and systemic blood in a horned lizard, *Phrynosoma cornutum*. *Southwest. Nat.* 46:384-387.
- Middendorf, G.A., and C.A. Simon.  
1988. Thermoregulation in the iguanid lizard *Sceloporus jarrovi*: the influences of age, time, and light condition on body temperature and thermoregulatory behaviors. *Southwest. Nat.* 33:347-356.
- Mikkelson, G.  
1992. How do food webs fall apart: a study of changes in trophic structure during relaxation on habitat fragments. MS thesis, University of Chicago.
- Mikkelson, G.  
1993. How do food webs fall apart: a study of change in trophic structure during relaxation on habitat fragments. *Oikos* 67:539-547.
- Miller, R.B.  
1985. Hawkmoth pollination of *Aquilegia chrysantha* (Ranunculaceae) in southern Arizona. *Southwest. Nat* 30:69-76.
- Minckley, R.L., M.D. Greenfield, and M.K. Tourtellot.  
1995. Chorus structure in tarbush grasshoppers: inhibition, selective phonoresponse and signal competition. *Anim. Behav.* 50:579-594.
- Minckley, R.L., and R.L. Greenfield.  
1995. Psychoacoustics of female phonotaxis and the evolution of male signal interactions in Orthoptera. *Ethol. Ecol. & Evol.* 7:235-243.
- Mirenda, J.T., D.G. Eakins, K. Gravelle, and H. Topoff.  
1980. Predatory behavior and prey selection by army ants in a desert-grassland habitat. *Behav. Ecol. Sociobiol.* 7:119-127.
- Mirenda, J.T., D.G. Eakins, and H. Topoff.

# SWRS Bibliography

1982. Relationship of raiding and emigration in the nearctic army ant *Neivamyrmex nigrescens* Cresson. *Insectes Soc. (Paris)* 29:308-331.
- Mirenda, J.T., and H. Topoff.  
1980. Nomadic behavior of army ants in a desert-grassland habitat. *Behav. Ecol. Sociobiol.* 7:129-135.
- Mitchell, W.A.  
1989. Informational constraints on optimally foraging hummingbirds. *Oikos* 55:145-154.
- Moeglich, M.  
1978. Social organization of nest emigration in *Leptothorax* (Hymenoptera, Formicidae). *Insectes Soc. (Paris)* 25:205-225.
- Moeglich, M., and G.D. Alpert.  
1979. Stone dropping by *Conomyrma bicolor*. (Hymenoptera: Formicidae): a new technique of interference competition. *Behav. Ecol. Sociobiol.* 6:105-113.
- Monson, G.  
1968. The Arizona state bird list, 1964-7. *J. Ariz. Acad. Sci.* 5:34-35.
- Moore, I., and E.F. Legner.  
1977. A report on some intertidal Staphylinidae from Sonora, Mexico with four new genera (Coleoptera). *Pac. Insects* 17:459-471.
- Moore, M.C., and D. Crews.  
1986. Sex steroid hormones in natural populations of a sexual whiptail lizard *Cnemidophorus inornatus*, a direct evolutionary ancestor of a unisexual parthenogen. *Gen. Comp. Endocrinol.* 63:424-430.
- Moore, M.C., J.M. Whittier, A.J. Billy, and D. Crews.  
1985. Male-like behavior in an all-female lizard: relationship to ovarian cycle. *Anim. Behav.* 33:284-289.
- Moore, M.C., J.M. Whittier, and D. Crews.  
1984. Environmental control of seasonal reproduction in a parthenogenetic lizard *Cnemidophorus uniparens*. *Physiol. Zool.* 57:544-549.
- Moreau, C.S.,  
2008. Unraveling the evolutionary history of the hyperdiverse ant genus *Pheidole* (Hymenoptera: Formicidae). *Molec. Phylogen. & Evol.* 48: 224-239.
- Morgan, K.R., and T.E. Shelly.  
1988. Body temperature regulation in desert robber flies (Diptera: Asilidae). *Ecol. Entomol.* 14:419-428.
- Morrison, R.L.  
1993. The biology of iridophores in reptiles. Ph.D. dissertation, University of Kansas, Lawrence. 144 pp.
- Morrison, R.L.  
1995. A transmission electron microscopic (TEM) method for determining structural colors reflected by lizard iridophores. *Pigm. Cell Res.* 8:28-36.
- Morrison, R.L., W.C. Sherbrooke, and S.K. Frost.  
1993. A variety of independent color change mechanisms in bright signaling patches of lizards. *Pigm. Cell Res.* 6:309.
- Morrison, R.L., W.C. Sherbrooke, and S.K. Frost-Mason.  
1996. Temperature-sensitive, physiologically active iridophores in the lizard *Urosaurus ornatus*: an ultrastructural analysis of color change. *Copeia* 1996:804-812.
- Moss, C.K., and G.A. Abrams.  
1985. Geophysical maps of the north end roadless area, Chiricahua Mountains, Cochise County, Arizona. 1:50,000. U.S. Dep. Inter., U.S. Geol. Surv. Map MF-1412-C.
- Muma, M.H.  
1966. Basic behavior of North American Solpugida. *Fla. Entomol.* 50:115-123.
- Muma, M.H.  
1966. Burrowing habits of the North American Solpugida (Arachnida). *Psyche* 73:251-260.
- Muma, M.H.  
1966. Egg deposition and incubation for *Eremobates durangonus* with notes on the eggs of other species of Eremobatidae (Arachnida: Solpugida). *Fla. Entomol.* 49:23-31.
- Muma, M.H.

# SWRS Bibliography

1966. Feeding behavior of North American Solpugida (Arachnida). Fla. Entomol. 49:199-216.
- Muma, M.H.  
1966. The life cycle of *Eremobates durangonus* (Arachnida: Solpugida). Fla. Agric. Exp. Stn. J. Series 2435:233-242.
- Muma, M.H.  
1966. Mating behavior in the Solpugid genus *Eremobates* Banks. Anim. Behav. 14:346-350.
- Muma, M.H.  
1985. A new, possibly diagnostic, character for Solpugida (Arachnida). Novit. Arthropodae 2:1-5.
- Murvosh, C.M.  
1993. Microdistribution of the water penny *Psephenus montanus* (Coleoptera:Psephenidae), with notes on life history and zoogeography. Southwest. Nat. 38:119-126.
- Mushinsky, H.R., E.D. McCoy, J.E. Berish, D.S. Wilson, R. Ashton.  
2006. *Gopherus polyphemus* (Daudin) The Gopher Tortoise. In: Meylan, P.A., ed., Biology and Conservation of Florida Turtles, Chelonian Research Monographs 3:350-375.
- Naganuma, K., and H.A. Hespenheide.  
1988. Behavior of visitors at insect-produced analogues of extrafloral nectaries on *Baccharis sarothroides* Gray. Southwest. Nat. 33:275-286.
- Nash, T.H., III.  
1973. Additions to the lichen flora of Arizona I. Bryologist 76:545-548.
- Nash, T.H., III, and W.A. Weber.  
1975. Additions to the lichen flora of Arizona II. Bryologist 77:472-474.
- Neff, J.L., and B.N. Danforth.  
1992. The nesting and foraging behavior of *Perdita texana* (Cresson) (Hymenoptera: Andrenidae). J. Kans. Entomol. Soc. 64:394-405.
- Nelson, D.R., M. Tissot, L.J. Nelson, C.L. Fatland and D.M. Gordon.  
2001. Novel wax esters and hydrocarbons in the cuticular surface lipids of the red harvest ant, *Pogonomyrmex barbatus*. Comp. Biochem. Physiol B128:575-595
- Nelson, J.G., J.C. Day, L.M. Spotza, J. Loucky, and C. Vasquez.  
2003 (eds.) Protected Areas and the Regional Planning Imperative in North America. University of Calgary Press and Michigan State University Press. \_29 pp.
- Nesom, G.L., and V.D. Roth.  
1981. *Erigeron scopulinus* (Compositae), an endemic from the southwestern United States. J. Ariz.-Nev. Acad. Sci. 16:39-42.
- Nguyen, T.C.  
2001. A new species of *Cladochaeta coquillett* (Diptera: Drosophilidae) and a new record for *Cladochaeta sturtevantii* Wheeler and Takada in Arizona, with notes on natural history. Proc. Entomol. Soc. Wash. 103:444-451.
- Nicklen, E.F., and D. Wagner.  
2006. Conflict resolution in an ant-plant interaction: *Acacia constricta* traits reduce ant costs to reproduction. Oecologia 148:81-87.
- Nishida, F.H., W.J. Sundberg, J.A. Menge, J.S. States, R.E. Tulloss, and J. Cifuentes Blanco.  
1992. Studies in the mycoflora of the Chiricahua Mountains, Cochise County, Arizona, U.S.A. I. Preliminary report on species distribution, ecology, and biogeographical affinities. Pp. 35-38 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Nocedal, J., and M.S. Ficken.  
1998. Bridled titmouse (*Baeolophus wollweberi*). in The birds of North America, No. 375, A. Poole and F. Gill, eds. The Birds of North America, Inc., Philadelphia, PA.
- Ohl, M. and D. Linde.  
2003. Ovaries, ovarioles, and oocytes in apoid wasps, with special reference to cleptoparasitic species (Hymenoptera: Apoidea: "Sphecidae"). J. Kansas Entomol. Soc. 76(2):147-159
- Oliver, D.K.  
2003. Tracks in the Sand: Tales From Outside City Limits. Bandit Press, Duncan, Arizona.

# SWRS Bibliography

- (Privately Published).
- Opell, B.D.  
1994. The ability of spider cribellar prey capture thread to hold insects with different surface features. *Funct. Ecol.* 8:145-150.
- Opell, B.D.  
1994. Increased stickiness of prey capture threads accompanying web reduction in the spider family Uloboridae. *Funct. Ecol.* 8:85-90.
- Opell, B.D.  
1998. Economics of spider orb-webs: the benefits of producing adhesive capture thread and of recycling silk. *Functional Ecology* 12:613-624.
- Opell, B.D.  
1999. Changes in spinning anatomy and thread stickiness associated with the origin of orb-weaving spiders. *Biol. J. Linnean Soc.* 68:593-612.
- Opell, B.D., J.S. Sandidge, and J.E. Bond.  
2000. Exploring functional associations between spider cribella and calamistra. *J. Arachnology* 28:43-48.
- Ott, J., J. Ostheim, and W.C. Sherbrooke.  
2004. Prey snapping and visual distance estimation in Texas horned lizards, *Phrynosoma cornutum*. *J. Exp. Biol.* 207:3067-3072.
- Pallister, J.S.  
1989. Excursion 7A: from silicic calderas to mantle nodules: cretaceous to quaternary volcanism, southern basin and range province, Arizona and New Mexico. New Mexico Bureau of Mines and Minerals Resources Memoir 46:121-185.
- Pallister, J.S., and E.A. du Bray.  
1989. Excursion 7A: Field guide to volcanic and plutonic features of the Turkey Creek Caldera, Chiricahua Mountains, Southeastern Arizona. New Mexico Bureau of Mines and Mineral Resources Memoir 46:137-152.
- Pallister, J.S., and E.A. du Bray.  
1994. Geologic map of the Fife Peak quadrangle, Cochise County, Arizona. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Map GQ-1708.
- Pallister, J.S., and E.A. du Bray.  
1997. Interpretive map and guide to the volcanic geology of Chiricahua National Monument and vicinity, Cochise County, Arizona. U.S. Dep. Inter., U.S. Geol. Surv. Map I-2541.
- Pallister, J.S., E.A. du Bray, and D.B. Hall.  
1993. Geology of Chiricahua National Monument: a review for the non-specialist. Open File Report No. 93-617. U.S. Dep. Inter., U.S. Geol. Surv. 17 pp.
- Pallister, J.S., E.A. du Bray, and J.S. Latta.  
1994. Geologic map of the Rustler Park quadrangle, Cochise County, Arizona. 1:24,000. U.S. Dep. Inter., U.S. Geol. Surv. Map GQ-1696.
- Parker, J.D., and S.W. Rissing.  
2002. Molecular evidence for the origin of workerless social parasites in the ant genus *Pogonomyrmex*. *Evolution* 56:2017-2028.
- Peck, S.B.  
1999. A review of the *Dissochaetus* (Coleoptera: Leiodidae: Cholevinae) of the United States and Canada. *Canadian Entomologist* 131:179-186.
- Peckham, D.J.  
1985. Ethological observations on *Oxybelus* (Hymenoptera: Sphecidae) in southwestern New Mexico. *Ann. Entomol. Soc. Am.* 78:865-872.
- Peterson, B.V.  
1960. New distribution and host records for bat flies, and a key to the North American species of *Basilia Ribeiro* (Diptera: Nycteribiidae). *Proc. Entomol. Soc. Ont.* 90:30-37.
- Pfennig, D.W.  
1989. Evolution, development and behavior of alternative amphibian morphologies. Ph.D. dissertation, University of Texas, Austin. 213 pp.
- Pfennig, D.W.  
1990. The adaptive significance of an environmentally-cued developmental switch in an anuran tadpole. *Oecologia* 85:101-107.

# SWRS Bibliography

- Pfennig, D.W.  
1990. "Kin recognition" among spadefoot toad tadpoles: a side-effect of habitat selection? *Evolution* 44:785-798.
- Pfennig, D.W.  
1991. Environmental causes of correlations between age and size metamorphosis in *Scaphiopus multiplicatus*. *Ecology* 72:2240-2248.
- Pfennig, D.W.  
1992. Polyphenism in spadefoot toad tadpoles as a locally adjusted evolutionarily stable strategy. *Evolution* 46:1408-1420.
- Pfennig, D.W.  
1997. Kinship and cannibalism: understanding why animals avoid preying on relatives offers insight into the evolution of social behavior. *Bioscience* 47:667-675.
- Pfennig, D.W., and W.A. Frankino.  
1997. Kin-mediated morphogenesis in facultatively cannibalistic tadpoles. *Evolution* 51:1993-1999.
- Pfennig, D.W., W.R. Harcombe, and K.S. Pfennig.  
2001. Frequency-dependent Batesian mimicry. *Nature* 410:323.
- Pfennig, D.W., and P.J. Murphy.  
2000. Character displacement in polyphenic tadpoles. *Evolution* 54:1738-1749.
- Pfennig, D.W., and P.J. Murphy.  
2002. How fluctuating competition and phenotypic plasticity mediate species divergence. *Evolution* 56:1217-1228.
- Pfennig, D.W., H.K. Reeve, and P.W. Sherman.  
1993. Kin recognition and cannibalism in spadefoot tadpoles. *Anim. Behav.* 46:87-94.
- Pfennig, D.W., and P.W. Sherman.  
1995. Kin recognition. *Sci. Am.* 272:68-73.
- Pfennig, K.S.  
1998. The evolution of mate choice and the potential for conflict between species and mate-quality recognition. *Proc. R. Soc. Lond. B* 265:1743-1748.
- Pfennig, K.S.  
2000. The evolution of mate choice in spadefoot toads. Ph.D., University of Illinois. 105 pp.
- Pfennig, K.S.  
2000. Female spadefoot toads compromise on mate quality to ensure conspecific matings. *Behavioral Ecol.* 11:220-227.
- Pfennig, K.S., and M.A. Simovich.  
2002. Differential selection to avoid hybridization in two toad species. *Evolution* 56:1840-1848.
- Pfennig, K.S., and R.C. Tinsley.  
2002. Different mate preferences by parasitized and unparasitized females potentially reduces sexual selection. *J. Evol. Biol.* 15:399-406.
- Phelan, J.P., and K.G. Niessen.  
1989. Effect of satiation on activity patterns in *Sceloporus virgatus*. *J. Herpetol.* 23:424-426.
- Pimm, S.L.  
1978. An experimental approach to the effects of predictability on community structure. *Am. Zool.* 18:797-808.
- Pimm, S.L., M.L. Rosenzweig, and W. Mitchell.  
1985. Competition and food selection: field tests of a theory. *Ecology* 66:798-807.
- Pinto, J.D.  
1972. Comparative courtship behavior of *Negalius*, *Phodaga* and *Cordylospasta*, three closely related genera of blister beetles. *J. Kans. Entomol. Soc.* 45:459-476.
- Pinto, J.D.  
1973. Sexual behavior in the genus *Pleuropompha* Leconte: a new mating display in blister beetles. *Can. Entomol.* 105:957-969.
- Pinto, J.D.  
1975. The taxonomy of three species of maculate *Epicauta* (Coleoptera: Meloidae), with

# SWRS Bibliography

- descriptions of courtship behavior and first instar larvae. *J. Kans. Entomol. Soc.* 48:429-452.
- Pinto, J.D.  
1977. Comparative sexual behavior in blister beetles of the subtribe *Eupomphina* (Coleoptera: Meloidae), and an evaluation of its taxonomic significance. *Ann. Entomol. Soc. Am.* 70:937-951.
- Pinto, V.  
2003. The Slow Match. *Bulletin of Primitive Technology*.
- Platnick, N.  
1974. The spider family Anyphaenidae in America north of Mexico. *Bull. Mus. Comp. Zool.* 146:205-266.
- Platz, J.E., and J.S. Mecham.  
1979. *Rana chiricahuensis*, a new species of leopard frog (*Rana pipiens* complex) from Arizona. *Copeia* 1979:383-390.
- Pomeroy, L.  
1981. Ecology of the dimorphic tadpoles of *Scaphiopus multiplicatus*. Ph.D. dissertation, University of California, Riverside.
- Porter, W.P., C.J. Cole, and C.R. Townsend.  
1994. Captive maintenance and lineage senescence in parthenogenetic lizards (family Teiidae). Pp. 91-98 in *Captive management and conservation of amphibians and reptiles*, J.B. Murphy, K. Adler, and J.T. Collins, eds. Society for the Study of Amphibians and Reptiles, Ithaca, NY.
- Pough, F.H., and R.M. Andrews.  
1985. Use of anaerobic metabolism by free-ranging lizards. *Physiol. Zool.* 58:205-213.
- Pough, H.  
1966. Ecological relationships of rattlesnakes in southeastern Arizona with notes on other species. *Copeia* 1966:676-683.
- Powers, D.R.  
1991. Diurnal variation in mass, metabolic rate, and respiratory quotient in Anna's and Costa's hummingbirds. *Physiol. Zool.* 64:850-870.
- Powers, D.R.  
1996. Magnificent hummingbird (*Eugenes fulgens*). Pp. 1-20 in *The birds of North America*, No. 221, A. Poole and F. Gill, eds. The Academy of Natural Sciences and The American Ornithologists' Union, Philadelphia and Washington, D.C.
- Powers, D.R., A.R. Brown, and J.A. Van Hook.  
2003. Influence of normal daytime fat deposition on laboratory measurements of torpor use in territorial versus nonterritorial hummingbirds. *Physiological and Biochemical Zoology* 76:389-397.
- Powers, D.R., and T.M. Conley.  
1994. Field metabolic rate and food consumption of two sympatric hummingbird species in southeastern Arizona. *Condor* 96:141-150.
- Powers, D.R., and T. McKee.  
1994. The effect of food availability on time and energy expenditures of territorial and non-territorial hummingbirds. *Condor* 96:1064-1075.
- Price, Tom A.R., Bretman, A., Gradilla, A.C., Reger, J., Taylor, M.L., Giraldo-Perez, P., ...Wedell, N.  
2014. Does polyandry control population sex ratio via regulation of a selfish gene? *Proceedings of the Royal Society B: Biological Sciences* 281, no. 1783: 20133259.
- Punzo, F.  
1974. Comparative analysis of the feeding habits of two species of Arizona blind snakes, *Leptotyphlops h. humilis* and *Leptotyphlops d. dulcis*. *J. Herpetol.* 8:153-156.
- Pytte, C.L., K.M. Rusch, and M.S. Ficken.  
2003. Regulation and vocal amplitude by the blue-throated hummingbird, *Lampornis clemenciae*. *Anim. Behav.* 66:703-710.
- Quinn, V.S.  
2001. Proximate and ultimate factors contributing to the variation in a sexually dimorphic signal in *Sceloporus* lizards. Ph.D. dissertation, Department of Life Sciences, Indiana State University, Terre Haute. 87 pp.
- Quinn, V.S., and D.K. Hews.



# SWRS Bibliography

2000. Signals and behavioral responses are not coupled in males: aggression affected by replacement of an evolutionarily lost color signal. *Proc. R. Soc. Lond B* 267:755-758.
- Quinn, V.S. and D.K. Hews.  
2003. Positive relationship between abdominal coloration and dermal melanin density in phrynosomatid lizards. *Copeia* 2003:858-864.
- Quinn, V.S. and D.K. Hews.  
2005. Detection and response to conspecific chemical cues by ornate tree lizards (*Urosaurus ornatus*). *J. Herpetol.* 39:496-499.
- Quinn, V.S. and D.K. Hews.  
2010. The evolutionary decoupling of behavioral and color cues in a multicomponent signal in two *Sceloporus* lizards. *Ethology* 116:509-516.
- Quinn, V.S., M. Klukosky, and D.K. Hews.  
2001. Longevity of paint marks and the lack of effect on survivorship and growth of *Sceloporus* lizards. *Herpetol. Rev.* 32:92-93.
- Quist, J.A., and M.T. James.  
1973. The genus *Euparyphus* in America north of Mexico, with a key to the New World genera and subgenera of *Oxycerini* (Diptera: Stratiomyidae). *Melanderia* 11:1-26.
- Randall, J.A.  
1984. Territorial defense and advertisement by footdrumming in bannertail kangaroo rats (*Dipodomys spectabilis*) at high and low population densities. *Behav. Ecol. Sociobiol.* 16:11-20.
- Randall, J.A.  
1985. Role of urine in coordinating reproduction in a desert rodent (*Dipodomys merriami*). *Physiol. & Behav.* 34:199-203.
- Randall, J.A.  
1987. Field observations of male competition and mating in Merriam's and bannertail kangaroo rats. *Am. Midl. Nat.* 117:211-213.
- Randall, J.A.  
1987. Sandbathing as a territorial scent-mark in the bannertail kangaroo rat, *Dipodomys spectabilis*. *Anim. Behav.* 35:426-434.
- Randall, J.A.  
1989. Individual footdrumming signatures in banner-tailed kangaroo rats *Dipodomys spectabilis*. *Anim. Behav.* 38:620-630.
- Randall, J.A.  
1989. Neighbor recognition in a solitary desert rodent (*Dipodomys merriami*). *Ethology* 81:123-133.
- Randall, J.A.  
1989. Territorial-defense interactions with neighbors and strangers in banner-tailed kangaroo rats. *J. Mammal.* 70:308-315.
- Randall, J.A.  
1991. Sandbathing to establish familiarity in the Merriam's kangaroo rat, *Dipodomys merriami*. *Anim. Behav.* 41:267-275.
- Randall, J.A.  
1993. Behavioural adaptations of desert rodents (Heteromyidae). *Anim. Behav.* 45:263-287.
- Randall, J.A.  
1994. Convergences and divergences in communication and social organisation of desert rodents. *Aust. J. Zool.* 42:405-433.
- Randall, J.A.  
1994. Discrimination of footdrumming by kangaroo rats, *Dipodomys spectabilis*. *Anim. Behav.* 47:45-54.
- Randall, J.A.  
1995. Modification of footdrumming signatures by kangaroo rats: changing territories and gaining new neighbors. *Anim. Behav.* 49:1227-1237.
- Randall, J.A.  
1997. Species-specific footdrumming in kangaroo rats: *Dipodomys ingens*, *D. deserti*, *D. spectabilis*. *Anim. Behav.* 54:1167-1175.

# SWRS Bibliography

- Randall, J.A., and C.M. Stevens.  
1987. Footdrumming and other anti-predator responses in the bannertail kangaroo rat (*Dipodomys spectabilis*). *Behav. Ecol. Sociobiol.* 20:187-194.
- Reeder, T.W., C.J. Cole, and H.C. Dessauer.  
2002. Phylogenetic relationships of whiptail lizards of the genus *Cnemidophorus* (Squamata: Teiidae): a test of monophyly, reevaluation of karyotypic evolution, and review of hybrid origins. *Am. Mus. Novitates* 3365:1-61.
- Reid, W.H., P. Sensiba, and C.E. Freeman.  
1988. A mixed pollination system in *Penstemon pseudospectabilis* M.E. Jones (Scrophulariaceae). *Great Basin Nat.* 48:489-494.
- Reiskind, J.  
1965. The taxonomic problem of sexual dimorphism in spiders and a synonymy in *Myrmecotypus* (Araneae, Clubionidae). *Psyche* 72:279-281.
- Reiskind, J.  
1969. The spider subfamily Castianeirinae of North and Central America (Araneae, Clubionidae). *Bull. Mus. Comp. Zool.* 138:163-325.
- Reiskind, J.  
1970. First description of the male of *Myrmecotypus lineatus* (Araneae: Clubionidae: Castianeirinae). *Fla. Entomol.* 53:27-29.
- Reiskind, J.  
1970. Multiple mimetic forms in an ant-mimicking clubionid spider. *Science* 169:587-588.
- Remington, C.L.  
1958. Genetics of populations of Lepidoptera. Pp. 787-805 in *Proc. Tenth Int. Congr. Entomol.* 1956, 2.
- Rettenmeyer, C.W., H. Topoff, and J. Mirenda.  
1978. Queen retinues of army ants. *Ann. Entomol. Soc. Am.* 71:519-528.
- Richardson, S.C.  
1994. Temporal variation in pollinator abundance and pollinator foraging behavior in response to robbed flowers. Pp. 311-316 in *Biodiversity and management of the Madrean Archipelago: the Sky Islands of southwestern United States and northwestern Mexico*, L.F. DeBano, ed. U.S. Forest Serv. Rocky Mt. For. and Range Exp. Stn., General Technical Report RM-GTR-264, Tucson.
- Richardson, S.C.  
2004. Benefit and costs of floral visitors to *Chilopsis linearis*: pollen deposition and stigma closure. *Oikos* 107:363-375.
- Richardson, S.C.  
2004. Are nectar-robbers mutualists or antagonists? *Oecologia* 139:246-254.
- Richman, D.B., and V.D. Roth.  
1976. A revised list of the jumping spiders (Araneae: Salticidae) of Yuma County, Arizona. *Southwest. Nat.* 21:199-202.
- Richter, D.H.  
1987. The conterminous U.S. mineral assessment program: background information to accompany folio of geologic and mineral resource maps of the Silver City 1 degree x 2 degree quadrangle, New Mexico and Arizona. *U.S. Geol. Surv. Circular* 975.
- Riechert, S.E.  
1974. Thoughts on the ecological significance of spiders. *Bioscience* 24:352-356.
- Riechert, S.E.  
1978. Energy-based territoriality in populations of the desert spider *Agelenopsis aperta* (Gertsch). *Symp. Zool. Soc. Lond.* 42:211-222.
- Riechert, S.E.  
1979. Games spiders play. II. Resource assessment strategies. *Behav. Ecol. Sociobiol.* 6:121-128.
- Riechert, S.E.  
1981. The consequences of being territorial: spiders, a case study. *Am. Nat.* 117:871-892.
- Riechert, S.E.  
1986. Spider fights as a test of evolutionary game theory. *Am. Sci.* 74:604-610.
- Riechert, S.E., and A.V. Hedrick.

# SWRS Bibliography

1990. Levels of predation and genetically based anti-predator behaviour in the spider, *Agelenopsis aperta*. *Anim. Behav.* 40:679-687.
- Riechert, S.E., and J.M. Smith.  
1989. Genetic analyses of two behavioral traits linked to individual fitness in the desert spider *Agelenopsis aperta*. *Anim. Behav.* 37:624-637.
- Rising, J.D.  
1965. Notes on behavioral responses of the blue-throated hummingbird. *Condor* 67:352-354.
- Rissing, S.W., R.A. Johnson, and J.W. Martin.  
2000. Colony founding behavior of some desert ants: geographic variation in metrosis. *Psyche* 103:95-101.
- Ritcher, P.O., and C.W. Baker.  
1974. Ovariole numbers in Scarabaeoidea (Coleoptera: Lucanidae, Passalidae, Scarabaeidae). *Proc. Entomol. Soc. Wash.* 6:480-494.
- Rose, B.R.  
1981. Activity and reproduction in iguanid lizards. Ph.D. dissertation, University of California, Riverside. 118 pp.
- Rose, B.R.  
1981. Factors affecting activity in *Sceloporus virgatus*. *Ecology* 62:706-716.
- Rose, B.R.  
1982. Lizard home ranges: methodology and functions. *J. Herpetol.* 16:253-269.
- Rosenzweig, M.L.  
1986. Hummingbird isoles in an experimental system. *Behav. Ecol. Sociobiol.* 19:313-322.
- Roth, V.D.  
1963. The familial affiliation of the spider genus *Textrix*. *Syst. Zool.* 12:173-174.
- Roth, V.D.  
1964. Surviving and driving in the desert. *Desert Magazine* 27:8-10.
- Roth, V.D.  
1964. The taxonomic significance of the spider trochanter. *Ann. Entomol. Soc. Am.* 57:759-766.
- Roth, V.D.  
1965. Genera erroneously placed in the spider families Agelenidae and Pisauridae (Araneida: Arachnida). *Ann. Entomol. Soc. Am.* 58:289-292.
- Roth, V.D.  
1967. Descriptions of the spider families Desidae and Argyronetidae. *Am. Mus. Novit.* 2292:1-9.
- Roth, V.D.  
1967. Redescription of *Tegenaria longimana* Simon (Araneae, Agelenidae). *J. Ariz. Acad. Sci.* 4:197-198.
- Roth, V.D.  
1967. A redescription of the spider genus *Mizaga* Simon (Agelenidae), with new synonymy. *Am. Mus. Novit.* 2291:1-7.
- Roth, V.D.  
1967. A review of the South American spiders of the family Agelenidae (Arachnida, Araneae). *Bull. Am. Mus. Nat. Hist.* 134:299-345.
- Roth, V.D.  
1968. Index to and outline of "Classification of the cribellate spiders and some allied families, with notes on the evolution of the suborder Araneomorpha," by Pekka T. Lehtinen. *Annales Zoologici Fennici* 4:199-468.
- Roth, V.D.  
1968. The spider genus *Tegenaria* in the western hemisphere (Agelenidae). *Am. Mus. Novit.* 2323:1-33.
- Roth, V.D.  
1969. Book reviews, *Invertebrate zoology*, Vol. 2 by A. Kaestner, and *A guide to spiders and their kin*, by H.W. Levi, L.R. Levi, and N. Strekalovsky. *Entomol. Soc. Am.* 15:372,383.

# SWRS Bibliography

- Roth, V.D.  
1970. A new genus of spiders (Agelenidae) from the Santa Catalina Mountains. *J. Ariz. Acad. Sci.* 6:114-116.
- Roth, V.D.  
1971. Food habits of Ditmars' horned lizard with speculations on its type locality. *J. Ariz. Acad. Sci.* 6:278-281.
- Roth, V.D.  
1971. Unusual predatory activities of Mexican jays and brown-headed cowbirds under conditions of deep snow in southeastern Arizona. *Condor* 73:113.
- Roth, V.D.  
1972. A miniaturized plant press and herbarium. *Am. Biol. Teach.* 34:535-536.
- Roth, V.D.  
1972. Proposal for a nearctic spider catalog. *Am. Arach.* 8:6-9.
- Roth, V.D.  
1972. Taxonomic changes in the Agelenidae, II. *Notes Arachnol. Southwest* 3:10-12.
- Roth, V.D.  
1973. A miniaturized plant press and herbarium. *Saguaroland Bull. (Desert Botanical Garden)* 27:82-84.
- Roth, V.D.  
1976. XVI. Redescription of the marine spider, *Desis galapagoensis* (Desidae). *Mission zoologique belge aux îles Galapagos et en Ecuador (N. et J. Leleup, 1964-1965) III*:11-22.
- Roth, V.D.  
1977. Speed key to Clubionid genera of America north of Mexico. *Am. Arach.* 17:12.
- Roth, V.D.  
1981. A miniaturized plant press and herbarium. *Northern Nevada Native Plant Society Newsletter* 7:6,8.
- Roth, V.D.  
1981. A new genus of spider (Agelenidae) from California exhibiting a third type of leg autospasy. *Bull. Am. Mus. Nat. Hist.* 170:101-105.
- Roth, V.D.  
1982. Handbook for spider identification - A guide to the important catalogs, recent family and generic revisions with supraspecific keys to spiders of America north of Mexico. 128 pp.
- Roth, V.D.  
1984. A miniaturized plant press and herbarium. Pp. 1-2 in *Plants in the laboratory*, National Association of Biology Teachers.
- Roth, V.D.  
1984. The spider family Homalonychidae (Arachnida, Araneae). *Am. Mus. Novit.* 2790:1-11.
- Roth, V.D.  
1985. Spider genera of North America. *Am. Arachnol. Soc.*, Gainesville, Fla. 176 pp.
- Roth, V.D.  
1988. American Agelenidae and some misidentified spiders (Clubionidae, Oonopidae and Sparassidae) of E. Simon in the *Museum National d`Histoire Naturelle. Bull. Mus. Natl. Hist. Nat. (Paris)* 10:25-37.
- Roth, V.D.  
1993. Spider genera of North America (3d ed.). *Am. Arachnol. Soc.*, Gainesville, Fla. 203 pp.
- Roth, V.D.  
1997. Ditmars' horned lizard (*Phrynosoma ditmarsii*) or the case of the lost lizard. *Sonoran Herpetologist* 10:2-6.
- Roth, V.D., and P.L. Brame.  
1972. Nearctic genera of the spider family Agelenidae (Arachnida: Araneida). *Am. Mus. Novit.* 2505:1-52.
- Roth, V.D., and W.L. Brown.  
1973. Illustrated key to nearctic Gnaphosidae with a speed key supplement. *Am. Arachnol.* 9:1-7.

# SWRS Bibliography

- Roth, V.D., and W.L. Brown.  
1975. Comments on the spider *Saltonia incerta* Banks (Agelenidae ?). *J. Arachnol.* 3:53-56.
- Roth, V.D., and W.L. Brown.  
1975. A new genus of Mexican intertidal zone spider (Desidae) with biological and behavioral notes. *Am. Mus. Novit.* 2568:1-7.
- Roth, V.D., and W.L. Brown.  
1976. A new wolf spider from the Gulf of California beaches. *J. Ariz. Acad. Sci.* 11:61-63.
- Roth, V.D., and W.L. Brown.  
1986. Catalog of nearctic Agelenidae. *Occas. Pap. Mus. Tex. Tech Univ.* 99:1-21.
- Roth, V.D., and W.L. Brown.  
1980. Arthropoda: Insecta (insects). Pp. 326-346 in *Common intertidal invertebrates of the Gulf of California*, R.C. Brusca, ed. University of Arizona Press, Tucson.
- Roth, V.D., and W.L. Brown.  
1980. Arthropoda: Arachnida (mites, spiders, and scorpions). Pp. 347-355 in *Common intertidal invertebrates of the Gulf of California*, R.C. Brusca, ed. University of Arizona Press, Tucson.
- Roth, V.D., and W.L. Brown.  
1976. Other intertidal air-breathing arthropods. Pp. 119-150 in *Marine insects*, L. Cheng, ed. North-Holland Publ. Co., Amsterdam.
- Roth, V.D., and H.D. Cameron.  
1989. Research notes, *Scytodes poenitens* Chamberlin, not *pnoeitens* (Araneae, Scytodidae). *J. Arachnol.* 17:107-108.
- Roth, V.D., and P.R. Craig.  
1970. VII. Arachnida of the Galapagos Islands. Pp. 107-124 in *Mission zoologique belge aux "les Galapagos et en Ecuador (N. et J. Leleup, 1964-65)*, .
- Roth, V.D., and B.M. Roth.  
1984. A review of appendotomy in spiders and other arachnids. *Bull. Brit. Arachnol. Soc.* 6:137-146.
- Rozen, J.G., Jr.  
1964. Phylogenetic-taxonomic significance of last instar of *Protoxaea gloriosa* Fox, with descriptions of first and last instars (Hymenoptera: Apoidea). *J. N.Y. Entomol. Soc.* 72:223-230.
- Rozen, J.G., Jr.  
1965. Biological notes on the cuckoo bee genera *Holcopasites* and *Neolarra* (Hymenoptera: Apoidea). *J. N.Y. Entomol. Soc.* 73:87-91.
- Rozen, J.G., Jr.  
1965. The larvae of the Anthophoridae (Hymenoptera, Apoidea). Part 1. Introduction, *Eucerini*, and *Centridini* (Anthophorinae). *Am. Mus. Novit.* 2233:1-27.
- Rozen, J.G., Jr.  
1966. The larvae of the Anthophoridae (Hymenoptera, Apoidea). Part 2. The Nomadinae. *Am. Mus. Novit.* 2244:1-38.
- Rozen, J.G., Jr.  
1966. Systematics of the larvae of North American panurgine bees (Hymenoptera, Apoidea). *Am. Mus. Novit.* 2259:1-22.
- Rozen, J.G., Jr.  
1967. The immature instars of the cleptoparasitic genus *Dioxys* (Hymenoptera: Megachilidae). *J. N.Y. Entomol. Soc.* 75:236-248.
- Rozen, J.G., Jr.  
1967. Review of the biology of panurgine bees, with observations on North American forms (Hymenoptera, Andrenidae). *Am. Mus. Novit.* 2297:1-44.
- Rozen, J.G., Jr.  
1970. Biology and immature stages of the panurgine bee genera *Hypomacrotera* and *Psaenythia* (Hymenoptera, Apoidea). *Am. Mus. Novit.* 2416:1-16.
- Rozen, J.G., Jr.  
1973. Biology notes on the bee *Andrena accepta* Viereck (Hymenoptera, Andrenidae). *J. N.Y. Entomol. Soc.* 81:54-61.
- Rozen, J.G., Jr.

# SWRS Bibliography

1977. Immature stages of and ethological observations on the cleptoparasitic bee tribe *Nomadini* (Apoidea, Anthophoridae). *Am. Mus. Novit.* 2638:1-16.
- Rozen, J.G., Jr.  
1983. Nesting biology of the bee *Svastra sabinensis* (Hymenoptera, Anthophoridae). *J. N.Y. Entomol. Soc.* 91:264-268.
- Rozen, J.G., Jr.  
1984. Comparative nesting biology of the bee tribe Exomalopsini (Apoidea: Anthophoridae). *Am. Mus. Novit.* 2798:1-37.
- Rozen, J.G., Jr.  
1984. Nesting biology of Diphaglossine bees (Hymenoptera, Colletidae). *Am. Mus. Novit.* 2786:1-33.
- Rozen, J.G., Jr.  
1986. Survey of the number of ovarioles in various taxa of bees (Hymenoptera: Apoidea). *Proc. Entomol. Soc. Wash.* 88:707-710.
- Rozen, J.G., Jr.  
1987. Nesting biology and immature stages of a new species in the bee genus *Hesperapis* (Hymenoptera: Apoidea: Melittidae: Dasypodinae). *Am. Mus. Novit.* 2887:1-13.
- Rozen, J.G., Jr.  
1987. Nesting biology of the bee *Ashmeadiella holtii* and its cleptoparasite, a new species of *Stelis* (Apoidea: Megachilidae). *Am. Mus. Novit.* 2900:1-10.
- Rozen, J.G., Jr.  
1989. Life history studies of the "primitive" panurgine bees (Hymenoptera: Andrenidae: Panurginae). *Am. Mus. Novit.* 2962:1-27.
- Rozen, J.G., Jr.  
1989. Morphology and systematic significance of first instars of the cleptoparasitic bee tribe Epeolini (Anthophoridae: Nomadinae). *Am. Mus. Novit.* 2957:1-19.
- Rozen, J.G., Jr.  
1989. Two new species and the redescription of another species of the cleptoparasitic bee genus *Triepeolus* with notes on their immature stages (Anthophoridae: Nomadinae). *Am. Mus. Novit.* 2956:1-18.
- Rozen, J.G., Jr.  
1991. Evolution of cleptoparasitism in anthophorid bees as revealed by their mode of parasitism and first instars (Hymenoptera: Apoidea). *Am. Mus. Novit.* 3029:1-36.
- Rozen, J.G., Jr.  
1992. Biology of the bee *Ancylandrena larreae* (Andrenidae: Andreninae) and its cleptoparasite *Hexepeolus rhodogyne* (Anthophoridae: Nomadinae) with a review of egg deposition in the Nomadinae (Hymenoptera: Apoidea). *Am. Mus. Novit.* 3038:1-15.
- Rozen, J.G., Jr.  
1992. Systematics and host relationships of the cuckoo bee genus *Oreopasites* (Hymenoptera: Anthophoridae: Nomadinae). *Am. Mus. Novit.* 3046:1-56.
- Rozen, J.G., Jr.  
2003. Ovarian formula, mature oocyte, and egg index of the bee *Ctenoplectra* (Hymenoptera: Apoidea: Apidae). *J. Kans. Entomol. Soc.* 76:640-642.
- Rozen, J.G., Jr.  
2003. A new tribe, genus, and species of South American panurgine bee (Andrenidae, Panurginae), oligolectic on *Nolana* (Nolanaceae). In Melo, G.A.R. and Il Alves-dos-Santos, Apoidea Neotropica: Homenagem aos 90 Anos de Jesus Santiago Moure. Editora UNESC, Criciuma. Pp. 93-108.
- Rozen, J.G., Jr.  
2008. Biology and immature stages of the bee *Nomioides patruelis* (Halictidae: Halictinae: Nomioidini) and of its cleptoparasite, *Chiasmognathus pashupati* (Apidae: Nomadinae: Ammobatini), with a preliminary phylogeny of Halictidae based on mature larvae (Apoidea). *Am. Mus. Novit.* 3604:1-23.
- Rozen, J.G., Jr.  
The solitary bee *Calalliopsis zebrata*: biological and distributional notes and description of its larva (Hymenoptera: Andrenidae: Panurginae). *Am. Mus. Novit.* 3632:1-12.
- Rozen, J.G., Jr., K. Eickwort, and G. Eickwort.  
1978. The bionomics and immature stages of the cleptoparasitic bee genus *Protepeolus*



# SWRS Bibliography

- (Anthophoridae, Nomadinae). Am. Mus. Novit. 2640:1-24.
- Rozen, J.G., Jr., and M.S. Favreau.  
1967. Biological notes on *Dioxys pomonae pomonae* and on its host, *Osmia nigrobarbata* (Hymenoptera: Megachilidae). J. N.Y. Entomol. Soc. 75:197-203.
- Rozen, J.G. Jr. and Kamel, S.M.  
2006. Interspecific Variation in Immature Larvae of the Cleptoparasitic Bee Genus *Coelioxys* (Hymenoptera: Megachilidae). Journal of the Kansas Entomological Society 79(4), 2006, pp. 348-358.
- Rozen, J.G. Jr. and Kamel, S.M.  
2008. Hospicidal behavior of the Cleptoparasitic bee *Coelioxys (Allocoelioxys) coturnix*, including descriptions of its larval instars (Hymenoptera: Megachilidae). Am. Mus. Novit. 3636:1-15.
- Rozen, J.G., Jr., and R.J. McGinley.  
1974. Systematics of Ammobatine bees based on their mature larvae and pupae (Hymenoptera, Anthophoridae, Nomadinae). Am. Mus. Novit. 2551:1-16.
- Rozen, J.G., Jr., and R.J. McGinley.  
1976. Biology of the bee genus *Conanthalictus* (Halictidae, Dufoureae). Am. Mus. Novit. 2602:1-6.
- Rozen, J.G. Jr., G.A.R. Melo, A.J.C. Aguiar, and I. Alves-dos-Santos.  
2006. Nesting Biologies and immature stages of the Tapinotaspidine bee genera *Monoeca* and *Lanthanomelissa* and of their osirine cleptoparasites *Protosiris* and *Parepeolus* (Hymenoptera: Apoidea: Apinae). Am. Mus. Novit. 3501.
- Rozen, J.G. Jr. and J. Ozbek.  
2005. Egg deposition of the cleptoparasitic bee *Dioxys cincta* (Hymenoptera: Apoidea: Megachilidae). J. Kans. Entomol. Soc. 78:221-226.
- Rozen, J.G. Jr. and J. Ozbek.  
2005. Notes on the egg deposition of the cleptoparasitic *Thyreus ramosus* (Hymenoptera: Apoidea: Melectini). J. Kans. Entomol. Soc. 78:34-40.
- Rozen, J.G. Jr. and J. Ozbek.  
2005. Immature stages of the cleptoparasitic bee *Dioxys cincta* (Apoidea: Megachilidae: Megachilinae: Dioxyini). Am Mus. Novit 3443.
- Rozen, J.G. Jr. and J. Osbek.  
2008: Immatures of of Rophitine bees, with notes on their nesting biology (Hymenoptera: Apoidea: Halictidae). Am. Mus. Novit. 3609:1-36.
- Rozen, J.G., Jr., and B.L. Rozen.  
1986. Bionomics of crepuscular bees associated with the plant *Psorothamnus scoparius* (Hymenoptera: Apoidea). J. N.Y. Entomol. Soc. 94:472-479.
- Rozendaal, J.C., and D. Crews.  
1989. Effects of intercranial implantation of dihydrotestosterone on sexual behavior in male *Cnemidophorus inornatus*, a direct sexual ancestor of a parthenogenetic lizard. Horm. Behav. 23:194-202.
- Ruibal, R., J. Tevis, L., and V. Roig.  
1969. The terrestrial ecology of the spadefoot toad *Scaphiopus hammondi*. Copeia 1969:571-584.
- Rüppell, O.  
2000. Queen size dimorphism in ants: causation and consequences of body size. Ph.D. dissertation, Bayerischen Julius-Maximilians-Universität. 144 pp.
- Rüppell, O., J. Heinze, and B. Hölldobler.  
1998. Size-dimorphism in the queens of the North American ant *Leptothorax rugatulus* (Emery). Insectes Soc 45:67-77.
- Rüppell, O., J. Heinze, and B. Hölldobler.  
2001. Alternative reproductive tactics in the queen-size dimorphic ant *Leptothorax rugatulus* (Emery) and their consequences for genetic population structure. Behav. Ecol. Sociobiol. 50:189-197.
- Rüppell, O., J. Heinze, and B. Hölldobler.  
2001. Complex determination of queen body size in the queen size dimorphic ant *Leptothorax rugatulus* (Formicidae: Hymenoptera). Heredity 87:33-40.
- Rüppell, O., J. Heinze, and B. Hölldobler.

# SWRS Bibliography

2001. Genetic and social structure of the queen size dimorphic ant *Leptothorax cf. andrei*. *Ecol. Entomol.* 26:76-82.
- Rüppell, O., J. Heinze, and B. Hoelldobler.  
2002. Intracolony patterns of reproduction in the queen-size dimorphic ant *Leptothorax rugatulus*. *Behav. Ecol.* 13:239-247.
- Rüppell, O., J. Heinze, and B. Hoelldobler.  
2002. Sex ratio variation in a facultatively polygynous ant with size-dimorphic queens. *Ethol. Ecol. Evol.* 14:53-67.
- Rüppell, O., L. Schäffler, and B. Hoelldobler.  
2002. Lack of plasticity in the behavior of queens of the ant *Leptothorax rugatulus* Emery (Formicidae: Hymenoptera). *J. Insect Behav.* 15:447-454.
- Rüppell, O., M. Strätz, B. Baier, and J. Heinze.  
2003. Mitochondrial markers in the ant *Leptothorax rugatulus* reveal the population genetic consequences of female philopatry at different hierarchical levels. *Molecular Ecology* 12:795-801.
- Rusch, K.M., K. Thusius, and M.S. Ficken.  
2001. The organization of agnostic vocalizations in ruby-throated hummingbirds with a comparison to black-chinned hummingbirds. *Wilson Bull.* 113:425-430.
- Russell, F.E.  
1966. Phosphodiesterase of some snake and arthropod venoms. *Toxicon* 4:153-154.
- Russell, F.E.  
1967. Comparative pharmacology of some animal toxins. *Fed. Proc.* 26:1206-1224.
- Russell, F.E., and C.B. Alender.  
1967. Properties of the venom of the scorpion *Vejovis spinigerus*. *Fed. Proc.* 26:1-2.
- Russell, R.P., Jr.  
1982. The history of man's influence upon the vegetation of the Chiricahua mountain meadows. Master's thesis, University of Arizona, Tucson. 188 pp.
- Sabrowsky, C.W.  
1986. North American species of *Cuterebra*, the rabbit and rodent bot flies (Diptera: Cuterebridae). *Thomas Say Found. Ento. Soc. Am.* 11:240.
- Salazar, B.A., and D.W. Whitman.  
2001. Defensive tactics of caterpillars against predators and parasitoids. Pp. 161-207 in T.N. Ananthakrishnan, ed., *Insects and plant defense dynamics*. Science Publishers, Inc., Plymouth, UK.
- Sanborn, A.F., M.S. Heath, P.K. Phillips, and J.E. Heath.  
2011. A new species of the genus *Beameria* (Hemiptera: Cicadidae) from North America. *Journal of Nat. Hist.* 45(25-26):1589-1605.
- Sanborn, A. F. and P.K. Phillips.  
2011. Elevation of a subspecies of *Tibicen* (Hemiptera: Cicadoidea: Cicadidae) to a full species. *Southwestern Naturalist* 56(3):363-368
- Sanders, N.J., and D.M. Gordon.  
2000. The effects of interspecific interactions on resource use and behavior in a desert ant. *Oecologia* 125:436-443.
- Sanders, N.J. and D.M. Gordon.  
2002. Resources and the flexible allocation of work in the desert ant *Aphaenogaster cockerelli*. *Insectes Soc* 49:371-379.
- Sanders, N.J., and D.M. Gordon.  
2003. Resource dependent interactions and the organization of desert ant communities. *Ecology* 84(4): 1024-31.
- Sanders, N.J., and D.M. Gordon.  
2004. The interactive effects of climate, life history, and interspecific neighbours on mortality in a population of seed harvester ants. *Ecol. Entomol.* 29:632-637
- Sandlin, E.A.  
2000. Cue use affects resource subdivision among three coexisting hummingbird species. *Behavioral Ecology* 11:550-559.
- Sandlin, E.A.  
2000. Foraging information affects the nature of competitive interactions. *Oikos* 91:18-28.

# SWRS Bibliography

- Sawyer, D.A., and T.B. Kinraide.  
1980. The forest vegetation at higher altitudes in the Chiricahua Mountains, Arizona. *Am. Midl. Nat.* 1980:224-241.
- Sawyer, D.A., and J.S. Pallister.  
1989. Excursion 7A: Geologic framework of the southern Basin and Range. New Mexico Bureau of Mines and Mineral Resources Memoir 46:121-126.
- Schafer, R.J., S. Holmes, and D.M. Gordon.  
2006. Forager activation and food availability in harvester ants. *Anim. Behav.* 71:815-822.
- Schmidt, J.O.  
1990. A kaleidoscope of cryptic colors: polymorphic caterpillars and camouflaged adults on a multi-colored host plant. Pp. 61-67 in *Adaptive coloration in invertebrates. Proceedings of a symposium sponsored by the American Society of Zoologists*, M. Wickstein, ed. Texas A&M University, College Station.
- Schmidt, P.J., W.C. Sherbrooke, and J.O. Schmidt.  
1989. The detoxification of ant (*Pogonomyrmex*) venom by a blood factor in horned lizards (*Phrynosoma*). *Copeia* 1989:603-607.
- Schneirla, T.C.  
1955. The behavior and biology of certain nearctic doryline ants, sexual broods and colony division in *Neivamyrmex nigrescens*. *Z. Tierpsychol.* Bd. 18 Heft 1:1-32.
- Schneirla, T.C.  
1958. The behavior and biology of certain nearctic army ants last part of the functional season, southeastern Arizona. *Insectes Soc.* 5:215-255.
- Schneirla, T.C.  
1971. *Army ants: a study in social organization*. W.H. Freeman, San Francisco. 349 pp.
- Schuchmann, K.-L., K. Krüger, and R. Prinzinger.  
1983. Torpor in hummingbirds. *Bonn. Zool. Beitr.* 34:1-3.
- Schwartz, M.D.  
1989. A review of the late season *Stenodemini* of southwest North America, and a description of the new genus *Caracorix* from Brazil (Heteroptera: Miridae). *Am. Mus. Novit.* 2955:1-36.
- Scobell, S.A.  
1999. *Pollination ecology of claret cup cactus along an elevation gradient*. M.S. thesis, Indiana State University, Terre Haute, Indiana. 94 pp.
- Scobell, S.A., and P.E. Scott.  
2002. Visitors and floral traits of a hummingbird-adapted cactus (*Echinocereus coccineus*) show only minor variation along an elevational gradient. *Am. Midl. Nat.* 147:1-15.
- Seevers, C.H.  
1959. North American Staphylinidae associated with army ants. *Coleopt. Bull.* 13:65-79.
- Seklecki, M.T., H.D. Grissino-Mayer, and T.W. Swetnam.  
1996. Fire history and the possible role of Apache-set fires in the Chiricahua Mountains of southeastern Arizona. Pp. 238-246 in *Effects of fire on Madrean province ecosystems: a symposium proceedings*, P.F. Ffolliot, ed. General Technical Report RM-GTR-289. USDA Forest Serv.
- Seymour, R.S.  
1972. Behavioral thermoregulation by juvenile green toads, *Bufo debilis*. *Copeia* 3:572-757.
- Seymour, R.S.  
1973. Energy metabolism of dormant spadefoot toads (*Scaphiopus*). *Copeia* 1973:435-445.
- Seymour, R.S.  
1973. Gas exchange in spadefoot toads beneath the ground. *Copeia* 1973:452-460.
- Seymour, R.S.  
1973. Physiological correlates of forced activity and burrowing in the spadefoot toad, *Scaphiopus hammondi*. *Copeia* 1:103-115.
- Seymour, R.S., and A. Vinegar.  
1973. Thermal relations, water loss and oxygen consumption of a North American tarantula. *Comp. Biochem. Physiol.* 44A:83-96.
- Shelley, R.M.

# SWRS Bibliography

1990. The centipede *Theatops posticus* (Say) (Scolopendromorpha: Cryptopidae) in the southwestern U.S. and Mexico. *Can. J. Zool.* 68:2637-2644.
- Shelly, T.E., and M.D. Greenfield.  
1989. Satellites and transients: ecological constraints on alternative mating tactics in male grasshoppers. *Behaviour* 109:200-221.
- Sherbrooke, W.C.  
1987. Captive *Phrynosoma solare* raised without ants or hibernation. *Herpetol. Rev.* 18:11-13.
- Sherbrooke, W.C.  
1987. Defensive head posture in horned lizards (Phrynosoma: Sauria, Iguanidae). *Southwest. Nat.* 32:512-515.
- Sherbrooke, W.C.  
1988. Horned lizard integument - an organ exposed. Tucson Herpetological Society Newsletter 1:95-99.
- Sherbrooke, W.C.  
1988. Integumental biology of horned lizards (Phrynosoma). Ph.D. dissertation, University of Arizona, Tucson. 220 pp.
- Sherbrooke, W.C.  
1989. Seedling survival and growth of a Sonoran Desert shrub, jojoba (*Simmondsia chinensis*), during the first ten years. *Southwest. Nat.* 34:421-424.
- Sherbrooke, W.C.  
1990. Predatory behavior of captive greater roadrunners feeding on horned lizards. *Wilson Bull.* 102:171-174.
- Sherbrooke, W.C.  
1990. Rain-harvesting in the lizard, *Phrynosoma cornutum*: behavior and integumental morphology. *J. Herpetol.* 24:302-308.
- Sherbrooke, W.C.  
1991. Behavioral (predator-prey) interactions of captive grasshopper mice (*Onychomys torridus*) and horned lizards (*Phrynosoma cornutum* and *P. modestum*). *Am. Midl. Nat.* 126:187-195.
- Sherbrooke, W.C.  
1992. Horny "toad" tales from the Chiricahua Mountains, as told by a biologist. Pp. 78-80 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds., Southwest Parks and Monuments Association, Tucson.
- Sherbrooke, W.C.  
1993. Native plants and space. *The Plant Press* (Arizona Native Plant Society) 17:9.
- Sherbrooke, W.C.  
1993. Rain-drinking behaviors of the Australian thorny devil (Sauria: Agamidae). *J. Herpetol.* 27:270-275.
- Sherbrooke, W.C.  
1995. Collecting and feeding harvester ants (*Pogonomyrmex* spp.) to captive horned lizards (*Phrynosoma* spp.). *Herpetol. Rev.* 26:25-26.
- Sherbrooke, W.C.  
1996. Reactions of Costa Rican hummingbirds to models of two color-morphs of the eyelash palm-pitviper (*Bothriechis schlegelii*). *Sonoran Herpetol.* 9:2-3.
- Sherbrooke, W.C.  
1997. Ditmars' horned lizard, or rock horned lizard: an historical update since rediscovery (1970). *Sonoran Herpetologist* 10:6-8.
- Sherbrooke, W.C.  
1997. Physiological (rapid) change of color in horned lizards (Phrynosoma) of arid habitats: hormonal regulation, effects of temperature, and role in nature. *Amphib.-Reptilia* 18:155-175.
- Sherbrooke, W.C.  
1999. Conservation through knowledge, or not? *Letter. Nature Australia Magazine* 26:7.
- Sherbrooke, W.C.  
1999. Thorny devils and horny toads. *Nature Australia Magazine* 26:54-63.
- Sherbrooke, W.C.

# SWRS Bibliography

2000. Ditmars' horned lizard, or rock horned lizard: an historical update since rediscovery in 1970. Reprinting of article published in *Sonoran Herpetologist* 10(1), 1997. *Phrynosomatics* 5:6-8.
- Sherbrooke, W.C.  
2000. *Phrynosoma modestum* (Roundtailed horned lizard). Nocturnal nest-digging and oviposition. *Herpetological Review* 31:242-243.
- Sherbrooke, W.C.  
2000. *Sceloporus jarrovi* (Yarrow's spiny lizard). Ocular sinus bleeding. *Herpetological Review* 31:243.
- Sherbrooke, W.C.  
2001. Book Review, *Hunting the horned lizard*, by Nic Bishop. *Phrynosomatics* 6:5.
- Sherbrooke, W.C.  
2001. Islands of autumn. *Natural History* 110:62-64.
- Sherbrooke, W.C.  
2002. Seasonally skewed sex-ratios of road-collected Texas horned lizards (*Phrynosoma cornutum*). *Herpetol. Rev.* 33:21-24.
- Sherbrooke, W.C.  
2002. Miss (Horned Lizard) Liberty - July 4, 2001. Rodeo, New Mexico. *Phrynosomatics* 7:6.
- Sherbrooke, W.C.  
2002. *Phrynosoma cornutum* (Texas Horned Lizard). Nocturnal nesting, eggs, nest predation, hatchlings. *Herpetol. Review* 33:206-208.
- Sherbrooke, W.C.  
2002. *Phrynosoma modestum* (Round-tailed horned lizard). Rain-harvest drinking behavior. *Herpetol. Rev.* 33:310-312.
- Sherbrooke, W.C.  
2002. *Phrynosoma modestum* (Round-tailed horned lizard). Death due to (beetle) ingestion. *Herpetol. Rev.* 33:312.
- Sherbrooke, W.C.  
2002. Developing a student research grant program at a location remote from the museum. *Curator* 45:118-124.
- Sherbrooke, W.C.  
2004. Born Survivors: A look at survival strategies and other behaviors of North American horned lizards. *Reptiles Magazine*, Jan. 2004. In press.
- Sherbrooke, W.C.  
2004. Integumental water movement and rate of water ingestion during rain harvesting in the Texas horned lizard, *Phrynosoma cornutum*. *Amphib-Reptilia* 25:29-39.
- Sherbrooke, W.C.  
2005. Meet the moloch: the thorniest devil in the world. *Reptiles Magazine*. February 2005 issue.
- Sherbrooke, W.C.  
2006. Habitat use and activity patterns of two green ratsnakes (*Senticolis triaspis*) in the Chiricahua Mountains, Arizona. *Herpetol. Rev.* 37:34-37.
- Sherbrooke, W.C.  
2008. Antipredator responses by Texas horned lizards to two snake taxa with different foraging and subjugation strategies. *J. Herpetol.* 42: (1):145-152.
- Sherbrooke, W.C., E. Beltran-Sanchez  
2005. *Phrynosoma asio*: Copulation position. *Herpetol. Rev.* 36(1):64-65.
- Sherbrooke, W.C., E. Beltran-Sanchez, F. Mendoza-Quijano, B. Baur, G.A. Middendorf, III.  
2004. Is there an antipredator blood-squirting defense in the bull horned lizard, *Phrynosoma taurus*? *Herpetol. Rev.* 35:345-347.
- Sherbrooke, W.C., E.R. Brown, and J.L. Brown.  
2002. *Phrynosoma hernandesi* (Short-horned lizard). Successful open-mouthed threat defense. *Herpetol. Review* 33:208.
- Sherbrooke, W.C., A.M.L. Castrucci, and M.E. Hadley.  
1994. Temperature effects on in vitro skin darkening in the mountain spiny lizard, *Sceloporus jarrovi*: a thermoregulatory adaptation? *Physiol. Zool.* 67:659-672.
- Sherbrooke, W.C., and S.K. Frost.



# SWRS Bibliography

1989. Integumental chromatophores of a color-change thermoregulating lizard, *Phrynosoma modestum* (Iguanidae; Reptilia). *Am. Mus. Novit.* 2943:1-14.
- Sherbrooke, W.C., and M.D. Greenfield.  
2002. *Phrynosoma hernandesi* (Short-horned lizard). Defensive hiss. *Herpetol. Review* 33:208-209.
- Sherbrooke, W.C., and M.E. Hadley.  
1988. Exploring the evolutionary history of melanin-concentrating and melanin-stimulating hormone receptors on melanophores: neopterygian (holostean) and chondrosteian fishes. *Pigm. Cell Res.* 1:344-349.
- Sherbrooke, W.C., M.E. Hadley, and A.M.L. Castrucci.  
1988. Melanotropic peptides and receptors: an evolutionary perspective in vertebrate physiological color change. Pp. 175-189 in *The melanotropic peptides*, M.E. Hadley, ed. CRC Press, Boca Raton, Fla.
- Sherbrooke, W.C., and D. Lazcano Villareal.  
1999. Los camaleones de México. *México Desconocido*:50-57.
- Sherbrooke, W.C., B.E. Martin, and C.H. Lowe.  
1998. Geographic distribution. *Phrynosoma ditmarsii*. *Herpetol. Rev* 29:110-111.
- Sherbrooke, W.C. and J.R. Mason.  
2005. Sensory modality used by coyotes in responding to antipredator compounds in the blood of Texas Horned lizards. *Southwest. Nat.* 50:216-222.
- Sherbrooke, W.C., and Middendorf, G.A., III.  
2001. Blood-squirting variability in horned lizards (*Phrynosoma*). *Copeia* 2001:1114-1122.
- Sherbrooke, W.C. and Middendorf, G.A., III.  
2004. Responses of kit foxes (*Vulpes macrotis*) to antipredator blood-squirting and blood of Texas horned lizards (*Phrynosoma cornutum*). *Copeia* 2004:652-658.
- Sherbrooke, W.C. and F. Mendoza-Quijano.  
2005. *Phrynosoma Braconnieri* (Short-tail Horned Lizard). *Defensive Behavior. Herpetol. Rev.* 36(1):65-66.
- Sherbrooke, W.C., and R.R. Montanucci.  
1988. Stone-mimicry in the round-tailed horned lizard, *Phrynosoma modestum* (Sauria: Iguanidae). *J. Arid Environ.* 14:275-284.
- Sherbrooke, W.C., and R.B. Nagle.  
1996. A dorsal intraepidermal mechanoreceptor in horned lizards (*Phrynosoma*; Phrynosomatidae; Reptilia). *J. Morphol.* 228:145-154.
- Sherbrooke, W.C., and M.F. Westphal.  
2006. Responses of greater roadrunners during attacks on venomous and nonvenomous snakes. *Southwest. Nat.* 51:41-47
- Sherbrooke, W.C., Scardino, A.J., de Nys, R., and Schwarzkopf, L.  
2007. Functional morphology of scale hinges used to transport water: convergent drinking adaptations in desert lizards (*Moloch horridus* and *Phrynosoma cornutum*). *Zoomorphology* 126, pp. 89-102.
- Sherbrooke, W.C.  
2013. Horned lizard responses to diverse threats from diverse predators: mental constructs and cognitive worlds? pp. 177-195. In (Ed. W.I. Lutterschmidt) *Reptiles in Research: Investigations of Ecology, Physiology, and Behavior from Desert to Sea*. Nova Science Publicationa, Inc. Hauppauge, New York.
- Shinn, A.F.  
1965. Descriptions of three new species of the bee genus *Calliopsis* (Hymenoptera, Andrenidae). *Am. Mus. Novit.* 2211:1-19.
- Shoemaker, V.H., J. McClanahan, L., and R. Ruibal.  
1969. Seasonal changes in body fluids in a field population of spadefoot toads. *Copeia* 1969:585-591.
- Shou-Hsien, L., and J.L. Brown.  
2002. Reduction of maternal care: a new benefit of multiple mating? *Behav. Ecol.* 13:87-93.
- Siemens, D.H., and E. Greene.  
1995. Observations of Mexican jays (*Aphelocoma ultramarina*, Corvidae) overcoming defenses of two species of woolly bear caterpillars (Arctiidae). *Southwest. Nat.* 40:232-233.



# SWRS Bibliography

- Simon, C.A.  
1973. The effect of food abundance on territory size in the lizard *Sceloporus jarrovi*. Ph.D. dissertation, University of California, Riverside. 71 pp.
- Simon, C.A.  
1975. The influence of food abundance on territory size in the iguanid lizard *Sceloporus jarrovi*. *Ecology* 56:993-998.
- Simon, C.A.  
1976. Lizard coexistence in four dimensions. *Nat. Hist.* 85:70-74.
- Simon, C.A.  
1976. Size selection of prey by the lizard, *Sceloporus jarrovi*. *Am. Midl. Nat.* 96:236-241.
- Simon, C.A.  
1976. Territory and home range mapping for lizards and other small animals: a photographic method. *Herpetol. Rev.* 7:109.
- Simon, C.A.  
1982. Masters of the tongue flick. *Nat. Hist.* 91:58-67.
- Simon, C.A.  
1983. A review of lizard chemoreception. Pp. 119-133 in *Lizard ecology: studies of a model organism*, R.B. Huey, E.R. Pianka, and T.W. Schoener, eds. Harvard University Press, Cambridge.
- Simon, C.A.  
1987. Masters of the tongue-flick. Pp. 168-176 in *The natural history reader in animal behavior*, H.R. Topoff, ed. Columbia University Press, New York.
- Simon, C.A., and B.E. Bissinger.  
1981. Paint-marking of lizards: does it affect survivorship? *Am. Zool.* 21:1020.
- Simon, C.A., and B.E. Bissinger.  
1983. Paint marking lizards: does the color affect survivorship? *J. Herpetol.* 17:184-186.
- Simon, C.A., K. Gravelle, B.E. Bissinger, I. Eiss, and R. Ruibal.  
1981. The role of chemoreception in the iguanid lizard *Sceloporus jarrovi*. *Anim. Behav.* 29:46-54.
- Simon, C.A., and G.A. Middendorf, III.  
1976. Resource partitioning by an iguanid lizard: temporal and microhabitat aspects. *Ecology* 57:1317-1320.
- Simon, C.A., and G.A. Middendorf, III.  
1980. Spacing in juvenile lizards (*Sceloporus jarrovi*). *Copeia* 1980:141-146.
- Simon, C.A., and G.A. Middendorf, III.  
1985. Changes in resource usage of *Sceloporus jarrovi* (Sauria: Iguanidae) during periods of high and low food abundance. *Southwest. Nat* 30:83-88.
- Simon, C.A., and G.P. Moakley.  
1985. Chemoreception in *Sceloporus jarrovi*: does olfaction activate the vomeronasal system? *Copeia* 1985:239-242.
- Simovich, M.A.  
1994. The dynamics of a spadefoot toad (*Spea multiplicata* and *S. bombifrons*) hybridization system. Pp. 167-182 in *Herpetology of the North American deserts: proceedings of a symposium*, P.R. Brown and J.W. Wright, eds. Special publication No. 5. Southwestern Herpetologists Soc.
- Sites, J.W., Jr., J.W. Archie, C.J. Cole, and O. Flores V.  
1992. A review of phylogenetic hypotheses for lizards of the genus *Sceloporus* (Phrynosomatidae): implications for ecological and evolutionary studies. *Bull. Am. Mus. Nat. Hist.* 213:1-110.
- Sloane, S.A.  
1992. Supernumeraries at bushtit (*Psaltriparus minimus*) nests: incidence, origins, and proximate causes. Ph.D. dissertation, University of Michigan, Ann Arbor. 121 pp.
- Sloane, S.A.  
1996. Incidence and origins of supernumeraries at bushtit (*Psaltriparus minimus*) nests. *Auk* 113:757-770.
- Sloane, S.A.  
1992. Supernumeraries at bushtit (*Psaltriparus minimus*) nests in the Chiricahua Mountains:

# SWRS Bibliography

- incidence, origins, and proximate causes. Pp. 81-84 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Sloane, S.A.  
2001. Bushtit (*Psaltriparus minimus*). In *The Birds of North America*, No. 598 (A. Poole and F. Gill, eds). The Birds of North America, Inc., Philadelphia, PA.
- Smith, D.C.  
1981. Competitive interactions of the striped plateau lizard (*Sceloporus virgatus*) and the tree lizard (*Urosaurus ornatus*). *Ecology* 62:679-687.
- Smith, D.C.  
1985. Home range and territory in the striped plateau lizard (*Sceloporus virgatus*). *Anim. Behav.* 33:417-427.
- Smith, D.R.  
1982. Reproductive success of solitary and communal *Philoponella oweni* (Araneae:Uloboridae). *Behav. Ecol. Sociobiol.* 11:149-154.
- Smith, G.R.  
1994. Morphometry of growth in hatchling striped plateau lizards (Iguanidae: *Sceloporus virgatus*). *Trans. Nebr. Acad. Sci.* 21:123-126.
- Smith, G.R.  
1995. Within-population life history and demographic variation in the striped plateau lizard, *Sceloporus virgatus*. Ph.D. dissertation, University of Nebraska, Lincoln. 213 pp.
- Smith, G.R.  
1996. Habitat use and its effect on body size distribution in a population of the tree lizard, *Urosaurus ornatus*. *J. Herpetol.* 30:528-530.
- Smith, G.R.  
1996. Mites on striped plateau lizards (*Sceloporus virgatus*: Phrynosomatidae): abundance, distribution and effects on host growth. *Herpetological Natural History* 4:175-180.
- Smith, G.R.  
1996. Tail loss in the striped plateau lizard, *Sceloporus virgatus*. *J. Herpetol.* 30:552-555.
- Smith, G.R.  
1997. Growth of reproducing and non-reproducing female lizards. *J. Herpetol.* 31:576-578.
- Smith, G.R.  
1999. *Sceloporus virgatus* (striped plateau lizard). *Prey. Herpetol. Review* 30:42.
- Smith, G.R., and R.E. Ballinger.  
1994. Survivorship in a high-elevation population of *Sceloporus jarrovi* during a period of drought. *Copeia* 1994:1040-1042.
- Smith, G.R., and R.E. Ballinger.  
1994. Temperature relationships in the high-altitude viviparous lizard, *Sceloporus jarrovi*. *Am. Midl. Nat.* 131:181-189.
- Smith, G.R., and R.E. Ballinger.  
1994. Temporal and spatial variation in individual growth in the spiny lizard, *Sceloporus jarrovi*. *Copeia* 1994:1007-1013.
- Smith, G.R., and R.E. Ballinger.  
1994. Thermal ecology of *Sceloporus virgatus* from southeastern Arizona, with comparison to *Urosaurus ornatus*. *J. Herpetol.* 28:65-69.
- Smith, G.R., and R.E. Ballinger.  
1994. Thermal tolerance in the tree lizard (*Urosaurus ornatus*) from a desert population and a low montane population. *Can. J. Zool.* 72:2066-2069.
- Smith, G.R., and R.E. Ballinger.  
1994. Variation in individual growth in the tree lizard, *Urosaurus ornatus*: effects of food and density. *Acta Oecol.* 15:317-324.
- Smith, G.R., and R.E. Ballinger.  
1995. Female reproduction in *Urosaurus ornatus* from the Chiricahua Mountains of southeastern Arizona. *Herpetol. Nat. Hist.* 3:183-186.
- Smith, G.R., and R.E. Ballinger.  
1995. Substrate preference and perch height selection by hatchling lizards (*Sceloporus virgatus* and *S. clarki*). *Southwest. Nat.* 40:116-118.

# SWRS Bibliography

- Smith, G.R., and R.E. Ballinger.  
1995. Temperature relationships of the tree lizard, *Urosaurus ornatus*, from desert and low-elevation montane populations in the southwestern USA. *J. Herpetol.* 29:126-129.
- Smith, G.R., R.E. Ballinger, and J.D. Congdon.  
1993. Thermal ecology of the high-altitude bunch grass lizard, *Sceloporus scalaris*. *Can. J. Zool.* 71:2152-2155.
- Smith, G.R., R.E. Ballinger, and J.W. Nietfeldt.  
1994. Elevational variation of growth rates in neonate *Sceloporus jarrovi*: an experimental evaluation. *Funct. Ecol.* 8:215-218.
- Smith, G.R., R.E. Ballinger, and B.R. Rose.  
1995. Reproduction in *Sceloporus virgatus* from the Chiricahua Mountains of southeastern Arizona with emphasis on annual variation. *Herpetologica*, 51:342-349.
- Smith, G.R., J.D. Butler, and R.E. Ballinger.  
1995. Growth and morphometry of hatchling Clark's spiny lizards (*Sceloporus clarki*). *Bull. Chic. Herpetol. Soc.* 30:1-3.
- Smith-Trail, D.R.  
1980. Predation by *Argyrodes* (Theridiidae) on solitary and communal spiders. *Psyche* 87:349-355.
- Smith-Trail, D.R.  
1982. Evolution of sociality in spiders - the costs and benefits of communal behavior in *Philoponella oweni* (Araneae: Uloboridae). Ph.D. dissertation, Cornell University, Ithaca. 173 pp.
- Smyth, E.G.  
1960. Life history of the silver-striped Scarabaeid, *Plusiotis gloriosa* Le Conte. *Bull. South Calif. Acad. Sci.* 59:89-94.
- Snedden, W.A., M.D. Greenfield, and Y. Jang.  
1998. Mechanisms of selective attention in grasshopper choruses: who listens to whom? *Behav. Ecol. Sociobiol.* 43:59-66.
- Snyder, H.A., and N.F.R. Snyder.  
1974. Increased mortality of Cooper's hawks accustomed to man. *Condor* 76:215-216.
- Snyder, N.F.R., and T.B. Jophnson.  
1992. Reintroduction of the thick-billed parrot in the Chiricahua Mountains. Pp. 87-90 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds., Southwest Parks and Monuments Association, Tucson.
- Snyder, N.F.R., and H. Snyder.  
1992. Biology of North American accipiters in the Chiricahua Mountains. Pp. 91-94 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds., Southwest Parks and Monuments Association, Tucson.
- Snyder, N.F.R., and H.A. Snyder.  
1973. Experimental study of feeding rates of nesting Cooper's hawks. *Condor* 75:461-463.
- Snyder, N.F.R., and H.A. Snyder.  
1974. Can the Cooper's hawk survive? *Natl. Geogr. Mag.* 145:432-442.
- Snyder, N.F.R., and H.A. Snyder.  
1974. Function of eye coloration in North American accipiters. *Condor* 76:219-222.
- Snyder, N.F.R., and H.A. Snyder.  
1979. Biology of Northern American accipiters in Arizona and New Mexico. *Natl. Geogr. Soc. Res. Rep. No. 1970 projects.* 5 pp.
- Snyder, N.F.R., H.A. Snyder, and T.B. Johnson.  
1989. Parrots return to the Arizona skies. *Birds Int.* 1:41-52.
- Snyder, N.F.R., H.A. Snyder, J.L. Lincer, and R.T. Reynolds.  
1973. Organochlorines, heavy metals, and the biology of North American accipiters. *BioScience* 23:300-305.
- Snyder, N.F.R., and M.P. Wallace.  
1987. Reintroduction of the thick-billed parrot in Arizona. Pp. 360-384 in Jean Delacour/IFCB symposium on breeding birds in captivity, .
- Snyder, N.F.R., and J.W. Wiley.  
1976. Sexual size dimorphism in hawks and owls of North America. *Ornithological*

# SWRS Bibliography

- Monographs No. 20. American Ornithologists Union. 96 pp.
- Solheim, W.G., and G.B. Cummins.  
1959. Mycoflora saximontanensis exsiccata centum IX. Univ. Wyo. Publ. 23:23-37.
- Speich, S., and T.A. Parker, III.  
1973. Arizona bird records, 1972. West. Birds 4:53-57.
- Spencer, C.L.  
2003. Geographic variation in the morphology, diet and reproduction of a widespread pitviper, the western diamondback rattlesnake (*Crotalus atrox*). PhD. Dissertation. University of Texas at Arlington, Arlington, TX. 177 pp.
- Spencer, C.L.  
2008. Geographic Variation in Western Diamond-Backed Rattlesnake (*Crotalus atrox*) Morphology. Pp. 55-78 in W.K. Hayes, K.R. Beamann, M.D. Cardwell, and S.P. Bush (ed.), *The Biology of Rattlesnakes*. Loma Linda Univ. Press, Loma Linda, California.
- States, J.S.  
1992. Distribution of mushrooms, mycophagists and conifers on sky islands of the southwest. Pp. 43-45 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds., Southwest Parks and Monuments Association, Tucson.  
Stauffer, T.W., and D.W. Whitman.  
1997. Grasshopper oviposition. Pp. 231-280 in S.K. Gangwere, M.C. Muralirangan, and M. Muralirangan, eds., *The bionomics of grasshoppers, katydids and their kin*. CAB International, London, UK.
- Stebbins, R.C., and R.M. Eakin.  
1958. The role of the "third eye" in reptilian behavior. Am. Mus. Novit. 1870:1-40.
- Steiner, A.L.  
1974. Unusual caterpillar-prey records and hunting behavior for a *Podalonia* digger wasp: *Podalonia valida* (Cresson) (Hymenoptera: Sphecidae). Pan-Pac. Entomol. 50:73-77.
- Steiner, A.L.  
1975. Bedding and nesting material gathering in rock squirrels, *Spermophilus* (*Otospermophilus*) *variegatus grammurus* (Say) (Sciuridae) in the Chiricahua Mountains of Arizona. Southwest. Nat. 20:363-370.
- Steiner, A.L.  
1975. Description of the territorial behavior of *Podalonia valida* (Hymenoptera, Sphecidae) females in southeast Arizona, with remarks on digger wasp territorial behavior. Quaest. Entomol. 11:113-127.
- Steiner, A.L.  
1976. Digger wasp predatory behavior (Hymenoptera, Sphecidae). II. Comparative study of closely related wasps (Larrinae: *Liris nigra*, Palearctic; *L. argentata* and *L. aequalis*, Nearctic) that all paralyze crickets (Orthoptera, Gryllidae). Z. Tierpsychol. 42:343-380.
- Steiner, A.L.  
1981. Anti-predator strategies. II. Grasshoppers (Orthoptera, Acrididae) attacked by *Prionyx parkeri* and some *Tachysphex* wasps (Hymenoptera, Sphecinae and Larrinae): a descriptive study. Psyche 88:1-24.
- Steiner, A.L.  
1981. Digger wasp predatory behavior (Hymenoptera, Sphecidae) IV. Comparative study of some distantly related Orthoptera-hunting wasps (Sphecinae vs. Larrinae), with emphasis on *Prionyx parkeri* (Sphecini). Z. Tierpsychol. 57:305-309.
- Steiner, A.L.  
1982. Use of the proboscis for prey-piercing and sucking by sphecid wasps of the genus *Prionyx* (Hymenoptera: Sphecidae), a case of convergent evolution. Pan-Pac. Entomol. 58:129-134.
- Stewart, K.W., R.W. Baumann, and B.P. Stark.  
1974. The distribution and past dispersal of southwestern United States Plecoptera. Trans. Am. Entomol. Soc. 99:507-546.
- Storz, B.L.  
2004. Reassessment of the environmental mechanisms controlling developmental polyphenism in spadefoot toad tadpoles. Oecologia 141:402-410

# SWRS Bibliography

- Strahl, S.D., and J.L. Brown.  
1987. Geographic variation in social structure and behavior of *Aphelocoma ultramarina*.  
*Condor* 89:422-424.
- Sullivan, B.K.  
1982. Male mating behaviour in the Great Plains toad (*Bufo cognatus*). *Anim. Behav*  
30:939-940.
- Sullivan, B.K.  
1983. Sexual selection in the Great Plains toad (*Bufo cognatus*). *Behaviour* 84:258-264.
- Sullivan, B.K.  
1984. Advertisement call variation and observation on breeding behavior of *Bufo debilis* and  
*B. punctatus*. *J. Herpetol.* 18:406-411.
- Sullivan, B.K.  
1985. Sexual selection and mating system variation in anuran amphibians of the Arizona-  
Sonoran Desert. *Great Basin Nat.* 45:688-696.
- Sullivan, B.K., and E.A. Sullivan.  
1985. Variation in advertisement calls and male mating success of *Scaphiopus bombifrons*,  
*S. couchi* and *S. multiplicatus* (Pelobatidae). *Southwest. Nat.* 30:349-355.
- Sullivan, K.A.  
1988. Age-specific profitability and prey choice. *Anim. Behav.* 36:613-615.
- Sullivan, K.A.  
1988. Ontogeny of time budgets in yellow-eyed juncos: adaptation to ecological constraints.  
*Ecology* 69:118-124.
- Sullivan, K.A.  
1989. Predation and starvation: age-specific mortality in juvenile juncos (*Junco phaenotus*).  
*J. Anim. Ecol.* 58:275-286.
- Sullivan, K.A.  
1990. Daily time allocation among adult and immature yellow-eyed juncos over the breeding  
season. *Anim. Behav.* 39:380-387.
- Sullivan, K.A., J. Cole, and E.M. Villalobos.  
1989. Intraspecific nest usurpation by a yellow-eyed junco. *Wilson Bull.* 101:654-655.
- Suni, S. and D.M. Gordon.  
2009. Fine-scale genetic structure and dispersal distance in the harvester ant *Pogonomyrmex*  
*barbatus*. *Heredity* 104(2):168-173.
- Suni, S., C. Gignoux and D.M. Gordon.  
2007. Male parentage in dependent lineage populations of the harvester ant *Pogonomyrmex*  
*barbatus*. *Molecular Ecology* 16:5149-5155.
- Taylor, F.  
1977. Foraging behavior of ants: experiments with two species of Myrmecine ants. *Behav.*  
*Ecol. Sociobiol* 2:147-167.
- Taylor, H.L., C.J. Cole, H.C. Dessauer, and E.D. Parker, Jr.  
2003. Congruent patterns of genetic and morphological variation in the parthenogenetic lizard  
*Aspidoscelis tessellata* (Squamata: Teiidae) and the origins of color pattern classes and genotypic  
clones in eastern New Mexico. *American Museum Novitates*, no. 3424, 40pp.
- Taylor, H.L., C.J. Cole, G.J. Manning, J.E. Cordes, and J.M. Walker.  
2012. Comparative Meristic Variability in Whiptail Lizards (Teiidae, *Aspidoscelis*): Samples of  
Parthenogenetic *A. tessellata* Versus Samples of Sexually Reproducing *A. sexlineata*, *A. marmorata*,  
and *A. gularis septemvittata*. *American Museum Novitates* 3744:124.
- Timberlake, P.H.  
1967. New species of *Pseudopanurgus* from Arizona (Hymenoptera, Apoidea). *Am. Mus.*  
*Novit.* 2298:1-23.
- Tinsley, R.C.  
1989. The effects of host sex on parasite transmission. *Parasit. Today* 5:190-195.
- Tinsley, R.C.  
1990. The influence of parasite life cycles. Pp. 158-192 in *Parasitism and host behavior*,  
C.J. Barnard and J. Behnke, eds. Taylor and Francis, London.
- Tinsley, R.C.  
1990. The influence of parasite infection on mating success in spadefoot toads, *Scaphiopus*



# SWRS Bibliography

- couchii*. Am. Zool. 30:313-324.
- Tinsley, R.C.  
1995. Parasitic disease in amphibians: control by the regulation of worm burdens. Parasitology 111:S153-S178.
- Tinsley, R.C.  
1999. Overview: extreme environments. Parasitology 119:S1-S6.
- Tinsley, R.C.  
1999. Parasite adaptation to extreme conditions in a desert environment. Parasitology 119:S31-S56.
- Tinsley, R.C., and C.M. Earle.  
1983. Invasion of vertebrate lungs by the polystomatid monogeneans *Pseudodiplorchis americanus* and *Neodiplorchis scaphiopus*. Parasitology 86:501-517.
- Tinsley, R.C., and H.C. Jackson.  
1986. Intestinal migration in the life-cycle of *Pseudodiplorchis americanus* (Monogenea). Parasitology 93:451-469.
- Tinsley, R.C., and H.C. Jackson.  
1988. Pulsed transmission of *Pseudodiplorchis americanus* (Monogenea) between desert hosts (*Scaphiopus couchii*). Parasitology 97:437-452.
- Tinsley, R.C., and J.A. Jackson.  
2002. Host factors limiting monogenean infections: a case study. Int. J. Parasitol. 32:353-365.
- Tinsley, R.C., and K. Tocque.  
1995. The population dynamics of a desert anuran, *Scaphiopus couchii*. Aust. J. Ecol. 20:376-384.
- Tinsley, R.C., J. Cable, and R. Porter.  
2002. Pathological effects of *Pseudodiplorchis americanus* (Monogenea: Polystomatidae) on the lung epithelium of its host, *Scaphiopus couchii*. Parasitology 125:143-153.
- Tissot, M., D.R. Nelson and D.M. Gordon.  
2001. Qualitative and quantitative differences in cuticular hydrocarbons between laboratory and field colonies of *Pogonomyrmex barbatus*, Comp. Biochem. Physiol. B130:349-358
- Tocque, K.  
1993. The relationship between parasite burden and host resources in the desert toad (*Scaphiopus couchii*), under natural environmental conditions. J. Anim. Ecol. 62:683-693.
- Tocque, K., and R.C. Tinsley.  
1991. Asymmetric reproductive output by the monogenean *Pseudodiplorchis americanus*. Parasitology 102:213-220.
- Tocque, K., and R.C. Tinsley.  
1991. The influence of desert temperature cycles on the reproductive biology of *Pseudodiplorchis americanus* (Monogenea). Parasitology 103:111-120.
- Tocque, K., and R.C. Tinsley.  
1992. Ingestion of host blood by the monogenean *Pseudodiplorchis americanus*: a quantitative analysis. Parasitology 104:283-289.
- Tocque, K., and R.C. Tinsley.  
1994. The relationship between *Pseudodiplorchis americanus* (Monogenea) density and host resources under controlled environmental condition. Parasitology 108:175-183.
- Tocque, K., and R.C. Tinsley.  
1994. Survival of *Pseudodiplorchis americanus* (Monogenea) under controlled environmental conditions. Parasitology 108:185-194.
- Tocque, K., R. Tinsley, and T. Lamb.  
1995. Ecological constraints on feeding and growth of *Scaphiopus couchii*. Herpetol. Journal 5:257-265.
- Topoff, H.  
1999. Slave-making queens. Scientific American 281:84-90.
- Topoff, H.  
2003. Slave-driving ants on a mission to survive. Arizona Highways 79:42-43.
- Topoff, H., T. Weickert, and E. Zimmerli.  
1990. A comparative study of colony takeover between queens of facultative and obligatory



# SWRS Bibliography

- slave-making ants (Hymenoptera: Formicidae). *J. Insect Behav.* 3:813-817.
- Topoff, H.R.  
1967. Behavioral and physiological studies of army ants, *Neivamyrmex*. *J. N.Y. Entomol. Soc.* 75:107.
- Topoff, H.R.  
1968. The origin and function of castes in army ants: a developmental approach. *J. N.Y. Entomol. Soc.* 76:310.
- Topoff, H.R.  
1969. A unique predatory association between carabid beetles of the genus *Helluomorphoides* and colonies of the army ant *Neivamyrmex nigrescens*. *Psyche* 76:375-381.
- Topoff, H.R.  
1971. Polymorphism in army ants related to division of labor and colony cyclic behavior. *Am. Nat.* 105:529-548.
- Topoff, H.R.  
1972. The social behavior of army ants. *Sci. Am.* 227:70-79.
- Topoff, H.R.  
1975. Ants on the march. *Nat. Hist.* 84:60-69.
- Topoff, H.R.  
1975. Behavioral changes of the army ant *Neivamyrmex nigrescens* during the nomadic and statary phases. *J. N.Y. Entomol. Soc.* 83:38-48.
- Topoff, H.R.  
1975. The behavioral uniqueness of animal species. *Sciences* 15:24-28.
- Topoff, H.R.  
1977. The pit and the antlion. *Nat. Hist.* 86:64-71.
- Topoff, H.R. ed.  
1981. *Animal societies and evolution: readings from Scientific American*. W.H. Freeman, San Francisco.
- Topoff, H.R.  
1984. Invasion of the booty snatchers. *Nat. Hist.* 93:78-85.
- Topoff, H.R.  
1984. Social organization of raiding and emigrations in army ants. *Adv. Study Behav.* 14:81-126.
- Topoff, H.R.  
1985. Effect of overfeeding on raiding behavior in the western slave-making ant *Polyergus breviceps*. *Natl. Geogr. Res.* 1:437-441.
- Topoff, H.R.  
1987. Ant wars. *Nat. Hist.* 96:62-71.
- Topoff, H.R.  
1987. The booty snatchers. *Natl. Wildl.* 22:33.
- Topoff, H.R. ed.  
1987. *The natural history reader in animal behavior*. Columbia University Press, New York.
- Topoff, H.R.  
1990. The evolution of slave-making behavior in the parasitic ant genus *Polyergus*. *Ethol. Ecol. Evol.* 2:284-287.
- Topoff, H.R.  
1990. Slave-making ants. *Am. Sci.* 78:520-528.
- Topoff, H.R.  
1982. Behavioral ecology of the army ant *Neivamyrmex nigrescens* in a desert-grassland habitat. Pp. 98-102 in *The biology of social insects*, M. Breed, C.D. Michener, and H.E. Evans, eds. Westview Press, Boulder.
- Topoff, H.R.  
1982. Raiding behavior of the slave-making ant *Polyergus breviceps*. Pp. 292-293 in *The biology of social insects*, M. Breed, C.D. Michener, and H.E. Evans, eds. Westview Press, Boulder.
- Topoff, H.R.

# SWRS Bibliography

1984. Levels of social integration in army-ant behavior. Pp. 241-257 in Behavioral evolution and integrative levels, G. Greenberg and E. Tobach, eds. Lawrence Earlbaum Associates, Hillside, N.J.
- Topoff, H.R.  
1976. The social organization of army ants: integration of field and laboratory research. Pp. 50-75 in Psychological research: the inside story, M. Siegel and H.P. Zeigler, eds. Harper & Row, New York.
- Topoff, H.  
2003. Slave-driving ants on a mission to survive. *Arizona Highways* 79:42-43.
- Topoff, H.R., D. Bodoni, P. Sherman, and L. Goodloe.  
1987. The role of scouting in slave raids by *Polyergus breviceps* (Hymenoptera: Formicidae). *Psyche* 94:261-270.
- Topoff, H.R., M. Boshes, and W. Trakimas.  
1970. Trail following and its development in the army ant *Neivamyrmex nigrescens* (Cresson). *Am. Zool.* 10:484-485.
- Topoff, H.R., M. Boshes, and W. Trakimas.  
1972. A comparison of trail following between callow and adult workers of the army ant *Neivamyrmex nigrescens* (Formicidae: Dorylinae). *Anim. Behav.* 20:361-366.
- Topoff, H.R., S. Cover, L. Greenberg, L. Goodloe, and P. Sherman.  
1988. Colony founding by queens of the obligatory slave-making ant, *Polyergus breviceps*: the role of the Dufour's gland. *Ethol.* 78:209-218.
- Topoff, H.R., S. Cover, and A. Jacobs.  
1989. Behavioral adaptations for raiding in the slave-making ant, *Polyergus breviceps*. *J. Insect Behav.* 2:545-556.
- Topoff, H.R., and L. Greenberg.  
1988. Mating behavior of the socially-parasitic ant *Polyergus breviceps*: the role of the mandibular glands. *Psyche* 95:81-87.
- Topoff, H.R., M. Inez-Pagani, L. Mack, and M. Goldstein.  
1985. Behavioral ecology of the slave-making ant, *Polyergus breviceps*, in a desert habitat. *Southwest. Nat.* 30:289-295.
- Topoff, H.R., B. LaMon, L. Goodloe, and M. Goldstein.  
1984. Social and orientation behavior of *Polyergus breviceps* during slave-making raids. *Behav. Ecol. Sociobiol.* 15:273-279.
- Topoff, H.R., B. LaMon, L. Goodloe, and M. Goldstein.  
1985. Ecology of raiding behavior in the western slave-making ant *Polyergus breviceps* (Formicidae). *Southwest. Nat.* 30:259-267.
- Topoff, H.R., and K. Lawson.  
1979. Orientation of the army ant *Neivamyrmex nigrescens*: integration of chemical and tactile information. *Anim. Behav.* 27:429-433.
- Topoff, H., and R. Mendez.  
1990. Slave raid by a diminutive colony of the socially parasitic ant, *Polyergus breviceps* (Hymenoptera: Formicidae). *J. Insect Behav.* 3:819-821.
- Topoff, H.R., and J. Mirenda.  
1975. Trail-following by the army ant, *Neivamyrmex nigrescens*: responses by workers to volatile odors. *Ann. Entomol. Soc. Am.* 68:1044-1046.
- Topoff, H.R., and J. Mirenda.  
1978. Precocial behavior of callow workers of the army ant *Neivamyrmex nigrescens*: importance of stimulation by adults during mass recruitment. *Anim. Behav.* 26:698-706.
- Topoff, H.R., and J. Mirenda.  
1980. Army ants do not eat and run: influence of food supply on emigration behavior. *Anim. Behav.* 28:1040-1045.
- Topoff, H.R., and J. Mirenda.  
1980. Army ants on the move: relation between food supply and emigration frequency. *Science* 207:1099-1100.
- Topoff, H.R., and J. Mirenda.  
1978. In search of the precocial ant. Pp. 81-100 in G. Burghardt and M. Bekoff, eds.,

# SWRS Bibliography

- Behavioral development: comparative and evolutionary aspects. Garland Publ. Co., N.Y. —
- Topoff, H.R., J. Mirenda, R. Droual, and S. Herrick.  
1980. Behavioural ecology of mass recruitment in the army ant *Nivamyrmex nigrescens*. *Anim. Behav.* 28:779-789.
- Topoff, H.R., J. Mirenda, R. Droual, and S. Herrick.  
1980. Onset of the nomadic phase in the army ant *Neivamyrmex nigrescens* (Cresson) (Hym. Form.): distinguishing between callow and larval excitation by brood substitution. *Insectes Soc. (Paris)* 27:175-179.
- Topoff, H.R., M. Pagani, M. Goldstein, and L. Mack.  
1985. Orientation behavior of the slave-making ant *Polyergus breviceps* in an oak-woodland habitat. *J. N.Y. Entomol. Soc.* 93:1041-1046.
- Topoff, H., T. Weickert, and E. Zimmerli.  
1990. A comparative study of colony takeover between queens of facultative and obligatory slave-making ants (Hymenoptera: Formicidae). *J. Insect Behav.* 3:813-817.
- Topoff, H., and E. Zimmerli.  
1993. Colony takeover by a socially parasitic ant, *Polyergus breviceps*: the role of chemicals obtained during host-queen killing. *Anim. Behav.* 46:479-486.
- Topoff, H.R., A. Rothstein, S. Pujdak, and T. Dahlstrom.  
1981. Statory behavior in nomadic colonies of army ants: the effect of overfeeding. *Psyche* 88:151-161.
- Torchio, P., J.P. Rozen, Jr., G.E. Bohart, and M.S. Favreau.  
1967. Biology of *Dufourea* and of its cleptoparasite, *Neopasites* (Hymenoptera: Apoidea). *J. N.Y. Entomol. Soc.* 75:132-146.
- Towner, H.F.  
1977. The biosystematics of *Calylophus* (Onagraceae). *Ann. Mo. Bot. Gard.* 64:48-120.
- Townsend, C.R., and C.J. Cole.  
1985. Additional notes on requirements of captive whiptail lizards (*Cnemidophorus*), with emphasis on ultraviolet radiation. *Zoo Biol.* 4:49-55.
- Trail, P.W.  
1980. Ecological correlates of social organization in a communally breeding bird, the acorn woodpecker, *Melanerpes formicivorus*. *Behav. Ecol. Sociobiol.* 7:83-92.
- Trail, P.W., S.D. Strahl, and J.L. Brown.  
1981. Infanticide in relation to individual and flock histories in a communally breeding bird, the Mexican jay (*Aphelocoma ultramarina*). *Am. Nat.* 106:72-82.
- Tuculescu, R., H. Topoff, and S. Wolfe.  
1975. Mechanisms of pit construction by antlion larvae. *Ann. Entomol. Soc. Am.* 68:719-720.
- Ubick, D., and J. Arnaud, P.A.  
2001. Vincent Daniel Roth (1924-1997): scientific publications, catalog of arachnid and plant taxa, and chronology. *Myia* 6:169-185.
- Ubick, D., P. Paquin, P.E. Cushing and V.D. Roth (eds.).  
2005. *Spiders of North America: an identification manual*. American Arachnological Society. 377 pages.
- Ubick, D., and V.D. Roth.  
1973. Gnaphosidae of Mexico not listed in the nearctic catalog. *Am. Arach.* 9:3.
- Ubick, D., and V.D. Roth.  
1973. Nearctic Gnaphosidae including species from adjacent states with an index to synonymy and invalid names. *Am. Arach.* 9:18.
- Van Devender, T.R., and C.J. Cole.  
1976. Surface structure of fossil and recent epidermal scales from North American lizards of the genus *Sceloporus* (Reptilia: Iguanidae). *Bull. Am. Mus. Nat. Hist.* 156:451-514.
- Villa, R.B., and E.L. Cockrum.  
1962. Migration in the guano bat *Tadarida brasiliensis mexicana* (Saussure). *J. Mammal.* 43:43-64.
- Vinegar, A., and S.D. Hillyard.  
1972. The effects of altitude on oxygen-binding parameters of the blood of the iguanid

# SWRS Bibliography

- lizards, *Sceloporus jarrovi* and *S. occidentalis*. *Comp. Biochem. Physiol.* 43A:317-320.
- Vinegar, M.B.  
1972. The function of breeding coloration in the lizard, *Sceloporus virgatus*. *Copeia* 1972:660-664.
- Vinegar, M.B.  
1973. Evolution of life history phenomena in three forms of the lizard genus *Sceloporus*. Ph.D. dissertation, University of Michigan, Ann Arbor. 114 pp.
- Vinegar, M.B.  
1975. Comparative aggression in *Sceloporus virgatus*, *S. undulatus consobrinus*, and *S. u. tristichus* (Sauria: Iguanidae). *Anim. Behav.* 23:279-286.
- Vinegar, M.B.  
1975. Demography of the striped plateau lizard, *Sceloporus virgatus*. *Ecology* 56:172-182.
- Vinegar, M.B.  
1975. Life history phenomena in two populations of the lizard *Sceloporus undulatus* in southwestern New Mexico. *Am. Midl. Nat.* 93:388-402.
- Visscher, P.K., and B.N. Danforth.  
1993. Biology of *Calliopsis pugionis* (Hymenoptera: Andrenidae): nesting, foraging, and investment sex ratio. *Ann. Entomol. Soc. Am.* 86:822-832.
- Vleck, C.M., and J.L. Brown.  
1999. Testosterone and social and reproductive behaviour in *Aphelocoma* jays. *Anim. Behav* 58:943-951.
- Vogel, B.R.  
1970. Courtship of some wolf-spiders. *The Armadillo Papers* 4:1-7.
- Vogel, B.R.  
1970. Taxonomy and morphology of the *sternalis* and *falcifera* species groups of *Pardosa* (Araneida: Lycosidae). *The Armadillo Papers* 3:1-31.
- Vogel, B.R.  
1971. Individual interactions of *Pardosa*. *The Armadillo Papers* 5:1-13.
- Vogel, B.R.  
1972. Apparent niche sharing of two *Pardosa* species (Araneidae: Lycosidae). *The Armadillo Papers* 7:1-13.
- Volny, V.P., and D.M. Gordon.  
2001. Characterization of polymorphic microsatellite loci in the red harvester ant, *Pogonomyrmex barbatus*. *Mol. Ecol. Notes* 2:302-303.
- Volny, V.P., and D.M. Gordon.  
2002. Genetic basis for queen-worker dimorphism in a social insect. *PNAS* 99:6108-6111.
- Volny, V.P., M.J. Greene, and D.M. Gordon.  
2006. Brood production and lineage discrimination in a harvester ant population with genetic caste determination. *Ecology* 87(9):2194-2200.
- Vrijenhoek, R.C., R.M. Dawley, C.J. Cole, and J.P. Bogart.  
1989. A list of the known unisexual vertebrates. Pp. 19-23 in *Evolution and ecology of unisexual vertebrates*, Bulletin 466, R.M. Dawley and J.P. Bogart, eds., New York State Museum, Albany, NY.
- Wade, J., and D. Crews.  
1991. The effects of intracranial implantation of estrogen on receptivity in sexually and asexually reproducing female whiptail lizards, *Cnemidophorus inornatus* and *Cnemidophorus uniparens*. *Horm. Behav.* 25:342-353.
- Wade, J., and D. Crews.  
1991. The relationship between reproductive state and sexually dimorphic brain areas in sexually reproducing and parthenogenetic whiptail lizards. *J. Comp. Neurol.* 309:507-514.
- Wagner, D.  
1993. Species-specific effects of tending ants on the development of lycaenid butterfly larvae. *Oecologia* 96:276-281.
- Wagner, D.  
1994. Species-specific effects of tending ants on the life history of *Hemiargus isola*, a North American lycaenid butterfly. Ph.D. dissertation, Princeton University. 128 pp.
- Wagner, D.

# SWRS Bibliography

1997. The influence of ant nests on Acacia seed production, herbivory and soil nutrients. *J. Ecology* 85:83-93.
- Wagner, D.  
2000. Pollen viability reduction as a potential cost of ant association for *Acacia constricta* (Fabaceae). *Am. J. Bot.* 87:711-715.
- Wagner, D., M.J.F. Brown, P. Broun, W. Cuevas, L.E. Moses, D.L. Chao, and D.M. Gordon.  
1998. Task-related differences in the cuticular hydrocarbon composition of harvester ants, *Pogonomyrmex barbatus*. *J. Chem. Ecol* 24:2021-2037.
- Wagner, D., M.J.F. Brown, and D.M. Gordon.  
1997. Harvester ant nests, soil biota and soil chemistry. *Oecologia* 112:232-236.
- Wagner, D., and D.M. Gordon.  
1999. Colony age, neighborhood density and reproductive potential in harvester ants. *Oecologia* 119:175-182.
- Wagner, D., J.B. Jones, and D.M. Gordon  
2004. Development of harvester ant colonies alters soil chemistry. *Soil Biology and Biochemistry* 36:797-804.
- Wagner, D., and A. Kay.  
2002. Do extrafloral nectaries distract ants from visiting flowers? An experimental test of an overlooked hypothesis. *Evol. Ecol. Res.* 4:293-305.
- Wagner, D., and L. Kurina.  
1997. The influence of ants and water availability on oviposition behaviour and survivorship of a facultatively ant-tended herbivore. *Ecol. Entomol.* 22:352-360.
- Wagner, D., and C. Martinez del Rio.  
1997. Experimental tests of the mechanism for ant-enhanced growth in an ant-tended lycaenid butterfly. *Oecologia* 112:424-429.
- Wagner, D. and E.F. Nicklen.  
2010. Ant nest location, soil nutrients and nutrient uptake by ant-associated plants: does extrafloral nectar attract ant nests and thereby enhance plant nutrition? *Journal of Ecology*, 98:614-624.
- Wagner, D., M. Tissot, W. Cuevas, and D.M. Gordon.  
2000. Harvester ants utilize cuticular hydrocarbons in nestmate recognition. *J. Chem. Ecol.* 26:2245-2257.
- Wagner, D., M. Tissot, and D. Gordon.  
2001. Task-related environment alters the cuticular hydrocarbon composition of harvester ants. *J. Chem. Ecol.* 27:1805-1819.
- Walter, H.  
1979. *Eleonora's falcon*. University of Chicago Press, Chicago.
- Ward, D.W., and J.A. Randall.  
1987. Territorial defense in the bannertail kangaroo rat (*Dipodomys spectabilis*): footdrumming and visual threats. *Behav. Ecol. Sociobiol.* 20:323-328.
- Ward, O.G., and C.J. Cole.  
1986. Nucleolar dominance in diploid and triploid parthenogenetic lizards of hybrid origin. *Cytogenet. Cell Genet.* 42:177-182.
- Waser, P.M.  
1988. Resources, philopatry, and social interactions among mammals. Pp. 109-130 in *Ecology of social behavior*, C.N. Slobodchikoff, ed. Academic Press, San Diego.
- Waser, P.M., and W.T. Jones.  
1989. Heritability of dispersal in banner-tailed kangaroo rats (*Dipodomys spectabilis*). *Anim. Behav.* 37:987-991.
- Watts, K.C., Jr., H. Drewes, and C.L. Forn.  
1984. *Geochemistry of the North End Roadless Area, Cochise County, Arizona*. U.S. Geol. Surv. Misc. Field Studies Map MF-1412-C.
- Weathers, W.W., and K.A. Sullivan.  
1989. Juvenile foraging proficiency, parental effort, and avian reproductive success. *Ecol. Monogr.* 59:223-246.
- Weathers, W.W., and K.A. Sullivan.  
1989. Nest attentiveness and egg temperature in the yellow-eyed junco. *Condor* 91:628-633.

# SWRS Bibliography

- Weathers, W.W., and K.A. Sullivan.  
1991. Energy expenditure and juvenile foraging efficiency: a major constraint on passerine reproductive success. in 20th Int. Ornithological Conference, .
- Weathers, W.W., and K.A. Sullivan.  
1991. Foraging efficiency of parent juncos and their young. *Condor* 93:346-353.
- Weathers, W.W., and K.A. Sullivan.  
1991. Growth and energetics of nestling yellow-eyed juncos. *Condor* 93:138-146.
- Webster, D.B.  
1960. Auditory significance of the hypertrophied mastoid bullae in *Dipodomys*. *Anat. Rec.* 136:299.
- Webster, D.B.  
1961. The ear apparatus of the kangaroo rat, *Dipodomys*. *Am. J. Anat.* 108:123-148.
- Weeks, L., and H.A. Hespeneide.  
1985. Predatory and mating behavior of *Stichopogon* (Diptera: Asilidae) in Arizona. *Pan-Pac. Entomol.* 61:95-104.
- Weiss, S.L.  
1999. The function and regulation of reproductive color of female striped plateau lizards (*Sceloporus virgatus*). Ph.D. dissertation, Duke University. 218 pp.
- Weiss, S.L.  
2001. The effect of reproduction on food intake of a sit-and-wait foraging lizard, *Sceloporus virgatus*. *Herpetologica* 57:138-146.
- Weiss, S.L.  
2002. Reproductive signals of female lizards: pattern of trait expression and male response. *Ethology* 108:793-813.
- Weiss, S.L.  
2002. Effect of captivity in semi-natural enclosures on the reproductive endocrinology of female lizards. *Gen. Comp. Endocrinol.* 128:238-246.
- Weiss, S.L.  
2006. Female-specific color is a signal of quality in the striped plateau lizard (*Sceloporus virgatus*). *Behav. Ecol.* 17:726-732.
- Weiss, S.L., E.A. Kennedy and J.A. Bernhard.  
2009. Female-specific ornamentation predicts offspring quality in the striped plateau lizard, *Sceloporus virgatus*. *Behavioral Ecol.* 20:1063-1071.
- Weiss, S.L., E.A. Kennedy, R.J. Safran and K.J. McGraw.  
2011. Pterin-based ornamental coloration predicts yolk antioxidant levels in female striped plateau lizards (*Sceloporus virgatus*). *Journal of Animal Ecology*:1-9
- Welch, J.M.  
1960. A study of seasonal movements of white-tailed deer (*Odocoileus virginianus couesi*) in the Cave Creek Basin of the Chiricahua Mountains. M.S. thesis, University of Arizona, Tucson.
- Welch, J.M.  
1992. Seasonal movements of white-tailed deer *Odocoileus virginianus couesi* in the Cave Creek basin of the Chiricahua Mountains, Cochise County, Arizona. Pp. 95-96 in Chiricahua Mountains research symposium proceedings, A.M. Barton and S.A. Sloane, eds. Southwest Parks and Monuments Association, Tucson.
- Weller, S.G.  
1981. Pollination biology of heteromorphic populations of *Oxalis alpina* (Rose) Knuth (Oxalidaceae) in south-eastern Arizona. *J. Linn. Soc.* 83:189-198.
- Wentworth, T.R.  
1981. Vegetation on limestone and granite in the Mule Mountains, Arizona. *Ecology* 62:469-482.
- Whitman, D.W.  
1982. Grasshopper sexual pheromone: a component of the defensive secretion of *Taeniopodia eques*. *Physiol. Entomol.* 7:111-115.
- Whitman, D.W.  
1982. The reproductive biology of *Taeniopodia eques* (Burmeister). Ph.D. dissertation, University of California, Berkeley.



# SWRS Bibliography

- Whitman, D.W.  
1986. Developmental thermal requirements for the grasshopper *Taeniopoda eques* (Orthoptera: Acrididae). *Ann. Entomol. Soc. Am.* 79:711-714.
- Whitman, D.W.  
1986. Laboratory biology of *Taeniopoda eques* (Orthoptera: Acrididae). *J. Entomol. Sci.* 21:87-93.
- Whitman, D.W.  
1987. Thermoregulation and daily activity patterns in a black desert grasshopper, *Taeniopoda eques*. *Anim. Behav.* 35:1814-1826.
- Whitman, D.W.  
1988. Function and evolution of thermoregulation in the desert grasshopper *Taeniopoda eques*. *J. Anim. Ecol.* 57:369-383.
- Whitman, D.W.  
1990. Grasshopper chemical communication. Pp. 357-391 in *Biology of grasshoppers*, R.F. Chapman and A. Joern, eds. John Wiley & Sons, New York.
- Whitman, D.W., M.S. Blum, and D.W. Alsop.  
1990. Allomonones: chemicals for defense. Pp. 289-351 in *Insect defenses*, D.L. Evans and J.O. Schmidt, eds. SUNY Press, Albany.
- Whitman, D.W., M.S. Blum, and C.G. Jones.  
1985. Chemical defense in *Taeniopoda eques* (Orthoptera: Acrididae): role of the metathoracic secretion. *Ann. Entomol. Soc. Am.* 78:451-455.
- Whitman, D.W., M.S. Blum, and C.G. Jones.  
1986. Olfactorily mediated attack suppression in the southern grasshopper mouse toward an unpalatable prey. *Behav. Proc.* 13:77-83.
- Whitman, D.W., M.S. Blum, and C.G. Jones.  
1986. Prey-specific attack behavior in the southern grasshopper mouse, *Onychomys torridus* (Coues). *Anim. Behav.* 34:295-297.
- Whitman, D.W., M.S. Blum, and F. Slansky, Jr.  
1994. Carnivory in phytophagous insects. Pp. 161-205 in T.N. Ananthakrishnan, ed., *Functional dynamics of phytophagous insects*. Oxford & IBH Publishing Co., New Delhi, India.
- Whitman, D.W., C.G. Jones, and M.S. Blum.  
1992. Defensive secretion production in Lubber grasshoppers (Orthoptera: Romaleidae): influence of age, sex, diet, and discharge frequency. *Ann. Entomol. Soc. Am.* 85:96-102.
- Whitman, D.W., and W.J. Loher.  
1984. Morphology of male sex organs and insemination in the grasshopper *Taeniopodia eques* (Burmeister). *J. Morphol.* 179:1-12.
- Whitman, D.W., L. Orsak, and E. Greene.  
1988. Spider mimicry in fruit flies (Diptera: Tephritidae): further experiments on the deterrence of jumping spiders (Araneae: Salticidae) by *Zonosemata vittigera* (Coquillett). *Ann. Entomol. Soc. Am.* 81:532-536.
- Whitman, D.W., and L.J. Orsak.  
1985. Biology of *Taeniopodia eques* (Orthoptera: Acrididae) in southeastern Arizona. *Ann. Entomol. Soc. Am.* 78:811-825.
- Whorter, T.J., D.R. Powers, and C. Martinez de Rio.  
2003. Are hummingbirds facultatively ammonotelic? Nitrogen excretion and requirements as a function of body size. *Physiological and Biochemical Zoology* 76:731-743.
- Wiens, J.J., and T.A. Titus.  
1991. A phylogenetic analysis of *Spea* (Anura: Pelobatidae). *Herpetologica* 47:21-28.
- Wiggins, G.B.  
1977. Larvae of the North American caddisfly genera (Trichoptera). University of Toronto Press, Toronto. 401 pp.
- Williams, K. A., and J.P. Pitts.  
2008. Three species masquerading as one: updating the taxonomy of *Pseudomethoca russeola* Mickel and *P. donaeanae* (Cockerell & Fox) (Hymenoptera: Mutillidae). *J. Hym. Res.* 17(2):127-133.
- Wilson, D.S., H.R. Mushinsky, and E.D. McCoy.

# SWRS Bibliography

2006. *Kinosternon baurii* (Garman 1891) Striped Mud Turtle. In: Meylan, P.A., ed., Biology and Conservation of Florida Turtles, Chelonian Research Monographs 3:180-188.
- Wilson, D.S., C.R. Tracy, and C.R. Tracy.  
2003. Estimating age of turtles from scute rings: a critical evaluation of the technique. *Herpetologica* 59:178-194.
- Winkler, H.  
1979. Foraging ecology of Strickland's woodpecker in Arizona. *Wilson Bull.* 91:244-254.
- Winkler, H., and L. Short.  
1978. A comparative analysis of acoustical signals in pied woodpeckers (Aves, Picoides). *Bull. Am. Mus. Nat. Hist.* 160:1-109.
- Wright, D.H., and B.D. Patterson.  
1992. On the meaning and measurement of nestedness of species assemblages. *Oecologia* 92:416-428.
- Yager, K., and J.G. Rozen, Jr.  
1966. Preliminary systematic study of the pupae of andrenid bees (Hymenoptera, Apoidea). *Am. Mus. Novit.* 2265:1-13.
- Young, F.N.  
1957. Notes on the habits of *Phusiotis gloriosa* LeConte (Scarabaeidae). *Coleop. Bull.* 11:67-70.
- Zweifel, R.G.  
1961. Larval development of the tree frogs *Hyla arenicolor* and *Hyla wrightorum*. *Am. Mus. Novit.* 2056:1-19.
- Zweifel, R.G.  
1962. Analysis of hybridization between two sub-species of the desert whiptail lizard, *Cnemidophorus tigris*. *Copeia* 1962:749-766.
- Zweifel, R.G.  
1962. Notes on the distribution and reproduction of the lizard *Eumeces callicephalus*. *Herpetologica* 18:63-65.
- Zweifel, R.G.  
1965. Variation in and distribution of the unisexual lizard, *Cnemidophorus tessellatus*. *Am. Mus. Novit.* 2235:1-49.
- Zweifel, R.G.  
1968. Reproductive biology of anurans of the arid Southwest, with emphasis on adaptation of embryos to temperature. *Bull. Am. Mus. Nat. Hist.* 140:1-64.
- Zweifel, R.G.  
1970. Descriptive notes on larvae of toads of the *debilis* group, genus *Bufo*. *Am. Mus. Novit.* 2407:1-13.
- Zweifel, R.G.  
1977. Upper thermal tolerances of anuran embryos in relation to stage of development and breeding habits. *Am. Mus. Novit.* 2617:1-21.