

Bibliography of Spotted Knapweed, Yellow Starthistle and Other Weedy Knapweeds
by
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In L. Smith (ed.), Proceedings of the First International Knapweed Symposium of the Twenty-First Century, March 15-16, 2001, Coeur d'Alene, Idaho. USDA-ARS, Albany, CA.

- Ahmed, Z.F., F.M. Hammouda, A.M. Rizk and S.I. Ismail. 1971. Phytochemical studies of certain *Centaurea* species: Lipids. *Planta Med.* 19: 264-269.
- Agababian, Mariam V. 1994. Subgenus *Centaurea* of the genus *Centaurea* L. s.l. (Asteraceae), p. 117. *In* Hind, D. J. N., ed., *Compositae systematics biology utilization*. Abstracts of the International Compositae Conference, Royal Botanic Gardens, Kew, 24 July-5 August, 1994. University of Reading School of plant Sciences, Systematics Association. Abstract only.
- Agadzhanian, A.A. 1968. The biology of Russian knapweed (*Acroptilon picris* C.A.M.) under irrigated conditions in the Ararat Plain of Armenia and its chemical control. (In Russian). *Bio. Zh. Armenii.* 21: 58-63. (Weed Abstr. 18: 2042)
- Agadzhanian, G.Kh. and A.A. Agadzhanian. 1967. The distribution of and damage caused by Russian knapweed (*Acroptilon picris* C.A.M.) in Armenian and its control. (In Russian). *Bio. Zh. Armenii.* 20:15-21. (Weed Abstr. 18: 2036).
- Agrawal, A.A.; Rudgers, J.A.; Botsford, L.W.; Cutler, D.; Gorin, J.B.; Lundquist, C.J.; Spitzer, B.W.; Swann, A.L. 2000. Benefits and constraints on plant defense against herbivores: Spines influence the legitimate and illegitimate flower visitors of yellow star thistle, *Centaurea solstitialis* L. (Asteraceae). *Southwestern Naturalist* 45(1): 1-5.
- Ahmed, Z. F., F. M. Hammouda, A. M. Rizk and S. I. Ismail. 1971. Phytochemical studies of certain *Centaurea* species: Lipids. *Planta Med.* 19: 264-269.
- Albee, B.J., L.M. Shultz, and S. Goodrich. 1988. Atlas of the vascular plants of Utah. Utah Museum of Natural History Occasional Publication No. 7.
- Akbar, S., D.S. Fries and M.H. Malone. 1995. Effect of various pretreatments on the hypothermic activity of repin in naive rats. *Journal of Ethnopharmacology* 49(2):91-99.
- Anderson, D.M. 1956. Notes on *Cleonus piger* (Scop.) in the United States (Coleoptera, Curculionidae). *The Coleopterists Bull.* 10: 81-85.
- Anderson, R.S. 1984. Taxonomic studies of *Cleonis piger* (Scop.) and *Cyphocleonus achates* (Fahrs.) (Coleoptera: Curculionidae: Cleoninae) from *Centaurea* as biological agents for control of *Centaurea diffusa* (Compositae) in Canada. M. Sc. thesis, University of Alberta, Edmonton, Canada.
- Anderson, T. 1998. Control of spotted knapweed, *Centaurea maculosa*, with the biological control agent *Sclerotinia sclerotiorum*. presentation at Annual Meeting of the Entomological Society of America and American Phytopathological Society in Las Vegas, Nevada, November 8-12, 1998. (from Montana State Univ.)

- Anderson, T W; Pilgeram A P; McCarthy M K; Tiourebaev K S; Kalieva G T; Carsten L; Hohne R J; Sands D C. 1998. Control of spotted knapweed, *Centaurea maculosa*, with the biological control agent *Sclerotinia sclerotiorum*. *Phytopathology* 88(9 suppl.): ?"S4". Sept., 1998. Annual Meeting of the American Phytopathological Society, November 8-12, 1998, Las Vegas, Nevada.
- Andres, L. A. 1980. Conflicting interests and the biological control of weeds. *Proceedings V International Symposium on biological Control of Weeds.* pp. 11-20.
- Andres, L.A. and N.E. Rees. 1995. Musk thistle, pp. 248-251. *In* Nechols, J.R., L.A. Andres, J.W. Beardsley, R.D. Goeden and C.G. Jackson, eds., *Biological Control in the Western United States.* University of California, Division of Agriculture and Natural Resources, Oakland, California. Publication 3361.
- APHIS. 1994. Biological control of spotted and diffuse knapweeds. USDA, Animal Health Inspection Service. Program Aid No. 1529. 15 p.
- Arenes, J. 1950. Sur la repartition, en Afrique, des Centaurees de la section *Calcitrapa*. *C. R. Som. Séances Soc. Biogeogr.* 237:137 141.
- Areses, J. 1952. A propos des *Centaurea* (section *Calcitrapa*) de l'Afrique tropicale occidentale. *Bull. Inst. Fr. Afr. Noire* 14: 28-33.
- Aslan, U; Oksuz, S. 1999. Chemical constituents of *Centaurea cuneifolia*. *Turkish Journal of Chemistry* 23(1): 15-20.
- Atkinson. T G. and V. C. Brink. 1953. Progress Report on the Biology and Control of Diffuse Knapweed (*Centaurea diffusa* Lam.) in British Columbia. Vancouver. BC: University of British Columbia.
- Baker, L.O. 1980. Competition from spotted knapweed (*Centaurea maculosa* Lam.) on Montana rangeland. *Proceedings of the Western Society of Weed Science* 33: 49-50.
- Balciunas, J. and B. Villegas. 1999. Two new seed head flies attack yellow starthistle. *California Agriculture* 53(2):8-11.
- Barry, S. 1995. Cattle fecal fax. University of California, Cooperative Extension. October Report, Nov. 7, 1995.
- Barbo M; Bertani G; Costalonga S; Danelutto A; Favretto D; Guerra R; Pavan R; Tonussi G. 1995. Floristic signalling from Friuli-Venezia Giulia region: V. (66-105). *Gortania Atti del Museo Friulano di Storia Naturale* 17 (0). 121-139.
- Barthell, J.F., R.W. Thorp, A.M. Wenner and J.M. Randall. 2000. Yellow star-thistle, gumplant, and feral honey bees on Santa Cruz Island: A case of invaders assisting invaders. *Proc., California Islands Sym.* 1999. Camarillo, CA. 5:269-273.
- Baumann, T. 1992. Description of the male and a new host record of the gall wasp *Isocolus centaureae* (Hymenoptera: Cynipidae). *Entomologia Generalis* 17(1): 49-51.
- Baumann, T. and R. Brandl. 1993. Evolution of host relationships in the genus *Isocolus* Forst. (Hymenoptera: Cynipidae) on *Centaurea* (Asteraceae). *Biochemical Systematics and Ecology* 21: 341-349.
- Bawtree, A. and A. McLean. 1977. Rate of spread, potential range, losses and changes in pasture composition from diffuse and spotted knapweed in British Columbia, p. 286. *In*

- Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B.C., Canada.
- Bedunah, D. and J. Carpenter. 1989. Plant community response following spotted knapweed (*Centaurea maculosa*) control on three elk winter ranges in western Montana, pp. 205-212. In P.K. Fay and J.R. Lacey (editors), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Mt. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Benfield, C.B., J.M. DiTomaso and G.B. Kyser. 1998. Impacts of yellow starthistle density on the soil moisture profile and rangeland management. Proc., Western Society of Weed Science. 51:66.
- Benfield, C.B., J.M. DiTomaso, G.B. Kyser, S.B. Orloff, K.R. Churches, D.B. Marcum, and G.A. Nader. 1999. Success of mowing to control yellow starthistle depends on timing and plant's branching form. California Agriculture 53(2):17-21.
- Benfield, C.B., J.M. DiTomaso, G.B. Kyser and A. Tschohl. 2001. Reproductive biology of yellow starthistle (*Centaurea solstitialis*): Maximizing late season control. Weed Science (in press).
- Bennett, A.R., W.L. Bruckart and N. Shishkoff. 1991. Effects of dew, plant age, and leaf position on the susceptibility of yellow starthistle to *Puccinia jaceae*. Plant Disease 75(5): 499-501.
- Berezovskii, M.Y. and A.M. Krumzdorov. 1971. The use of picloram for the control of Russian knapweed. Doklady TSKhA No. 175, 159-165
- Berezovskii, M.Y. and M.S. Raskin. 1971. Some biological characteristics of Russian knapweed. Doklady TSKhA 168: 179-183. (Weed Abstr. 22: 881)
- Berezovskii, M.Y. and V.V. Nikhotin. 1971. Translocation and inactivation of dicamba and 2,3,6-TBA in Russian knapweed plants. Doklady TSKhA No. 168: 174-178
- Berube, D.E. 1980. Interspecific competition between *Urophora affinis* and *U. quadrifasciata* (Diptera:Tephritidae) for ovipositional sites on diffuse knapweed (*Centaurea diffusa*: Compositae). J. Appl. Entomol. 90(3): 299-306.
- Berube, D. E. and J.H. Myers. 1982. Suppression of knapweed invasion by crested wheat grass in the dry interior of British Columbia. Journal of Range Management 35: 459-461
- Berube, D.E. and J.H. Myers. 1983. Reproductive isolation between *Urophora affinis* and *U. quadrifasciata* (Diptera: Tephritidae) in British Columbia. Canadian Journal of Zoology 61(4): 787-791.
- Berube, D.E. and R.Y. Zacharuk. 1983. The abdominal musculature associated with oviposition in two gall-forming tephritid fruit flies in the genus *Urophora*. Can. J. Zool. 61: 1805-1814.
- Billings, W. D. 1994. Ecological impacts of cheatgrass and resultant fire on ecosystems in the western Great Basin, pp. 22-30. In S.B. Monsen and S.G. Kitchen, eds., Proc. Ecology and Management of Annual Rangelands. U.S.D.A. For. Serv. Intermt. Res. Stat., General Tech. Rept. INT-GTR-313, Ogden, UT.

- Binder, R.G., C.E. Turner and R.A. Flath. 1990. Comparison of yellow starthistle volatiles from different plant on parts. *Journal of Agricultural and Food Chemistry* 38(3): 764-767.
- Binder, R.G., C.E. Turner and R.A. Flath. 1990. Volatile components of purple starthistle. *Journal of Agricultural and Food Chemistry* 38(4): 1053-1055.
- BLM. 1996. Remarks by Mike Dombeck, Acting Director, Bureau of Land Management, before the Western Society of Weed Scientists, March 12, 1996, Albuquerque, New Mexico. <http://www.blm.gov/nhp/news/speech/sp960312.html>.
- Blossey, B., D. Schroeder, S.D. Hight, and R.A. Malecki. 1994. Host specificity and environmental impact of the weevil *Hylobius transversovittatus*, a biological control agent of purple loosestrife (*Lythrum salicaria*). *Weed Sci.* 42:128-133.
- Bobylev, M.M., L.I. Bobyleva and G.A. Strobel. 1996. Synthesis and bioactivity of analogs of maculosin, a host-specific phytotoxin produced by *Alternaria alternata* on spotted knapweed (*Centaurea maculosa*). *J. Agric. and Food Chem.* 44: 3960-3964.
- Boggs, K.W. and J.M. Story. 1987. The population age structure of spotted knapweed (*Centaurea maculosa*) in Montana. *Weed Sci.* 35: 194-198.
- Bohlmann, F., K.-M. Rode and C. Zdero. 1966. Neue polyine der Gattung *Centaurea* L. *Chemische Berichte* 99: 3544-3551.
- Boivin, B. 1972. Flora of the Prairie Provinces. *Phytologia* 22-23, Part III. 224 p.
- Bonnier, G. 1923. Flore complete de France, Suisse et Belgique. Tome Sixieme, Paris, France.
- Bottoms, R.M., T.D. Whitson and D.W. Kock. 1995. Chemical and biological control techniques for Russian knapweed. *Proceedings North Central Weed Science Society*, 5 7 December 1995, Omaha, Nebraska, 50: 34-38
- Bottoms, R.M. and T.D. Whitson. 1998. A systems approach for the management of Russian knapweed (*Centaurea repens*). *Weed Tech.* 12: 363-366.
- Borchert, M.I. and S.K. Jain. 1978. The effect of rodent seed predation on four species of California annual grasses. *Oecologia* 33:101-113.
- Borman, M.M., D.E. Johnson, and W.C. Krueger. 1992. Soil moisture extraction by vegetation in a Mediterranean/Maritime climatic regime. *Agronomy Journal* 84:897-904.
- Borman, M.M., W.C. Krueger and D.E. Johnson. 1991. Effects of established perennial grasses on yields of associated annual weeds. *Journal of Range Management* 44:318-322.
- Bourne, J.F. 1982. Living with Russian knapweed. *Queensland Agricultural Journal* 108(1): 2-4.
- Brönnimann, H. 1963. Investigation of natural enemies of *Centaurea* species in Europe. Annual Report. Commonw. Inst. biol. Contr., European Station, 1961-1962.
- Brown, C.S., R.L. Bugg, and J.H. Anderson. 1993. Roadside planting of perennial grasses. *Grasslands* 3(4):1-3.
- Brown, M.L. and R.G. Brown. 1984. *Herbaceous Plants of Maryland*.
- Bruckart, W.L. 1989. Host range determination of *Puccinia jaceae* from yellow starthistle. *Plant Disease* 73(2): 155-160.

- Bruckart, W.L. and W.M. Dowler. 1986. Evaluation of exotic rust fungi in the United States for classical biological control of weeds. *Weed Science* 34 (supplement 1):11-14.
- Bruckart, W. L., and Peterson, G. L. 1991. Phenotypic comparison of *Puccinia carduorum* from *Carduus thoermeri*, *C. tenuiflorus*, and *C. pycnocephalus*. *Phytopathology* 81: 192-197.
- Bruno, M. and W. Herz. 1988. Sesquiterpene Lactones and Flavones from *Centaurea cineraria* Subst. Umbrosa. *Phytochemistry* 27(6): 1873-1875.
- Bruno, M., J.G. Diaz and W. Herz. 1991. Guaianolides and lignans from *Centaurea solstitialis* subsp. schouwii. *Phytochemistry* 30:4165-4166.
- Bubenchikova, V.N. 1990. Coumarins of plants of the genus *Centaurea*. *Chemistry of Natural Compounds* 26(6): 709-830.
- Bucher, R.F. 1984. The potential cost of knapweed to Montana range users. *Coop. Extension Serv. Bull.* 1316. Montana State Univ., Bozeman.
- Bucher, R.F. 1984. Potential spread and cost of spotted knapweed on range. *MT Coop. Ext. Serv. MontGuide No.* MT8423.
- Bultsma, P.M. and R.G. Lym. 1985. Survey for spotted knapweed in North Dakota. *North Dakota Farm Research* 43(1): 19-22.
- Bungener, P; Nussbaum, S; Grub, A, et al. 1999. Growth response of grassland species to ozone in relation to soil moisture condition and plant strategy. *New Phytol.* 142(2): 283-293.
- Burrill, L.C., et al., eds. 1996. *Pacific Northwest Weed Control Handbook*. Oregon State University, Corvallis, Extension Services.
- Bussan, A.J. and W.E. Dyer. 1999. Herbicides and rangeland. Pages 116-132 in R. L. Sheley and J. K. Petroff, eds. *Biology and Management of Noxious Rangeland Weeds*. Oregon St. Univ. Press, Corvallis.
- Buttery, R.G., D.M. Maddox, D.M. Light and L.C. Ling. 1986. Volatile components of yellow starthistle. *Journal of Agricultural and Food Chemistry* 34(5): 786-788.
- Caesar, A.J. 1994. Pathogenicity of *Agrobacterium* species from the noxious rangeland weeds *Euphorbia esula* and *Centaurea repens*. *Plant Disease* 78(8): 796-800.
- Caesar-TonThat, T.C., W.E. Dyer, P.C. Quimby and S.S. Rosenthal. 1995. Formulation of an endoparasitic nematode, *Subanguina picridis* Brzeski, a biological control agent for Russian knapweed, *Acroptilon repens* (L.) DC. *Biological Control* 5(2): 262-266.
- Callaway, Ragan M. and Erik T. Aschehoug . 2000. Invasive Plants Versus Their New and Old Neighbors: A Mechanism for Exotic Invasion. *Science* 290:521-523.
- Callaway, R.M., T.H. Deluca and W.M. Belliveau. 1999. Biological-control herbivores may increase competitive ability of the noxious weed *Centaurea maculosa*. *Ecology* 80: 1196-1201.
- Callihan, R.H. and J.O. Evans. 1991. Weed dynamics on rangeland, pp. 55-61. *In* J.O. Evans, M.H. Ralphs, and R.D. Child, eds., L. F. James, *Noxious Range Weeds*, Westview Press, San Francisco, CA.
- Callihan, R.H. and L.W. Lass. 1996. Yellow starthistle management with herbicides. *Current Info. Series No.* 1036, 12 pp. Univ. Idaho, College of Agriculture.

- Callihan, R.H. and R.O. Schirman. 1991. Effects of five hormone-type herbicides on the survival of yellow starthistle seedlings from a known susceptible population and a suspected picloram resistant population. Res. Prog. Rep. West. Soc. Weed Sci., pp. 40-42.
- Callihan, R.H., C.H. Huston and D.C. Thill. 1986. Establishment of intermediate wheatgrass in a yellow starthistle- infested range. Res. Prog. Rep. West. Soc. Weed. Sci. pp. 49-50.
- Callihan, R.H., R.L. Sheley and D.C. Thill. 1982. Yellow Starthistle, Biology and Management in Pasture and Rangeland. University of Idaho Cooperative Extension System, Moscow. CIS 634.
- Callihan, R.H., R.L. Sheley and D.C. Thill. 1982. Yellow starthistle biology and management. Proceedings of the Western Society of Weed Science 35: 34-35.
- Callihan, R.H., R.L. Sheley and D.C. Thill. 1982. Yellow starthistle: identification and control. Current Info. Series No. 634, 4 pp. University of Idaho, College of Agriculture.
- Callihan, R.H., T.S. Prather and F.E. Northam. 1993. Longevity of yellow starthistle (*Centaurea solstitialis*) achenes in soil. Weed Technology 7(1): 33-35.
- Callihan, R.H., L.W. Lass, C.W. Hunt and G. Pritchard. 1995. Comparative digestibility of yellow starthistle (*Centaurea solstitialis*). Res. Prog. Rep. West. Soc. Weed. Sci. p. 36.
- Callihan, R.H., R.O. Schirman and W.J. Price. 1991. Effects of winter and spring applied herbicides on yellow starthistle density. Res. Prog. Rep. West. Soc. Weed Sci., pp. 36-37.
- Callihan, R.H., F.E. Northam, J.B. Johnson, E.L. Michalson and T.S. Prather. 1989. Yellow starthistle. Biology and management in pasture and rangeland. Current Info. Series No. 634, 4 pp. Univ. Idaho, College of Agriculture.
- Campobasso, G., Dunn, P. H., Knutson, L. and Rosenthai, S. S. 1988. Petition for release of *Bangasternus fausti* (Reitter) (Coleoptera: Curculionidae) for the control of diffuse Knapweed, *Centaurea diffusa* Lam. (Compositae). Biological Control of Weeds Laboratory - Europe, American Embassy - Agric.
- Campobasso, G., R. Sobhian, L. Knutson, A.C. Pastorino and P.H. Dunn. 1994. Biology of *Pterolonche inspersa* (Lep.: Pterolonchidae), a biological control agent for *Centaurea diffusa* and *C. maculosa* in the United States. Entomophaga 39: 377-384.
- Campobasso, G., R. Sobhian, L. Knutson and G. Terragitti. 1998. Host specificity of *Bangasternus orientalis* Capiomont (Coleoptera: Curculionidae) introduced into the United States for biological control of yellow starthistle (*Centaurea solstitialis* L., Asteraceae: Carduae). Environ. Entomol. 27(6): 1525-1530.
- Campobasso, G., E. Colonnelli, L. Knutson, G. Terragitti, and M. Cristofaro (eds). 1999. Wild plants and their associated insects in the Palearctic region, primarily Europe and the Middle East. United States Department of Agriculture, Agricultural Research Service, ARS-147. 246 p.
- Carlson, J.E., N.K. Konn and E.L. Michalson. 1985. The behavior and attitudes of north-central Idaho farmers and ranchers toward yellow starthistle. Research Bulletin No. 138, University of Idaho Agricultural Experiment Station, Moscow.

- Carlson, J.E., D.B. Willis, E.L. Michalson and R.H. Callihan. 1990. Yellow starthistle in North-Central Idaho: A survey of farmers' and ranchers' behavior and attitudes (1982 and 1988). Bull. Idaho Agric. Exp. Stn. Series No. 11[712], pp. 2-10. Moscow, Idaho.
- Carpenter, J.L. 1986. Responses of three plant communities to herbicide spraying and burning of spotted knapweed (*Centaurea maculosa*) in western Montana. M. S. Thesis. University of Montana, Missoula. 110 p.
- Carpinelli, M.F., R.L. Sheley and B.E. Olson. 1996. Effect of weed seed rate and grass defoliation on diffuse knapweed, p. 84. In Proceedings of the Society for Range Management meeting, February 10-15, 1996, Wichita, Kansas.
- Carrithers, V.F., D.R. Gaiser, C. Duncan and D. Horton. 1997. Seed germination of yellow starthistle and spotted knapweed after treatment with picloram or clopyralid. In Proceedings of the Western Society of Weed Science. 50: 39-40.
- Carston, R. S. 1985. Knapweed in British Columbia. In Proc. Wash State Weed Assoc. 35th Ann. Weed Conf., Yakima, 27-31.
- Cash, S.D., D.L. Zamora and A.W. Lenssen. 1998. Viability of weed seeds in feed pellet processing. J. Range Manage. 51: 181-185.
- Cassady, J.M., D. Abramson, P. Cowall, C.J. Chang, J.L. McLaughlin and Y. Aynehchi. 1979. Centaurepensin: a cytotoxic constituent of *Centaurea solstitialis* and *C. repens* (Asteraceae). Journal of Natural Products 42(4): 427-429.
- Castagnoli, M. and R. Sobhian. 1991. Taxonomy and biology of *Acaria centaureae* (Nal.) and *A. thessalonicae* n. sp. (Acari: Eriophyoidea) associated with *Centaurea diffusa* Lam. In Greece. Redia. 74(2): 509-524.
- Cavallito, C.J. and J.H. Bailey. 1949. An antibacterial principle from *Centaurea maculosa*. J. Bacteriol. 57: 207-212.
- Chachulski, E; Janakowski, S; Golinowski, W. 1999. Effects of fertility, weed density and crop competition on biomass partitioning in *Centaurea cyanus* L. Acta. Soc. Bot. Pol. 68(1): 69-77.
- Chaika S Yu; Tomkovich K P. 1997. Sensory organs of the weevil larvae (Coleoptera, Curculionidae) Entomologicheskoe Obozrenie 76 (3). 508-520.
- Cheeke, P.R. and L.R. Shull. 1985. Other plant toxins and poisonous plants. Ch. 11, pp. 358-392. In Natural Toxicants in Feeds and Poisonous Plants. The Avi Publ. Co., Westport, CT.
- Cherepanov, S.K. 1963. *Acroptilon*, pp. 343-346. In Flora U. S. S. R. XXVIII. Moscow and Leningrad.
- Chernishov, J.D. 1967. Root exudates of Russian knapweed and their effect on the growth of cultivated plants. (In Russian). Stepove Zemlerob. 1: 102--106. (Weed Abstr. 18: 1278).
- Chernyshev, I.D. 1978. The influence of herbicides on the viability of Russian knapweed seeds. Khimiya v Sel'skom Khozyaistve 16(5): 24-26.
- Chicoine, T.K. 1984. Spotted knapweed (*Centaurea maculosa* Lam.) control, seed longevity, and migration in Montana. M.Sc. thesis, Montana State University, Bozeman. 83 pp.
- Chicoine, T.K. and P.K. Fay. 1984. The longevity of viability of spotted knapweed seeds in Montana soils. Proc. Western Soc. of Weed Sci. 204-207.

- Chicoine, T.K., P.K. Fay and G.A. Nielsen. 1985. Predicting weed migration from soil and climate maps. *Weed Sci.* 34: 57-61.
- Chicoine, T., P. Fay and J. Nielsen. 1988. Predicting spotted knapweed migration in Montana. *Montana AgResearch* (Spring 1988): 25-27.
- Chicoine, T., P. Fay and J. Nielsen. 1989. Predicting the future migration of spotted knapweed in Montana, pp. 136-143. *In* P.K. Fay and J.R. Lacey (editors), *Proceedings of the 1989 Knapweed Symposium*, April 4-5, 1989, Bozeman, Mt. Plant and Soil Department and Extension Service, Montana State University, Bozeman.
- Chicoine, T.K., J.M. Story, L.O. Baker. 1982. Control of spotted knapweed (*Centaurea maculosa* Lam.) in Montana. *Proceedings of the Western Society of Weed Science* 35: 34.
- Chicoine, T.K., R.A. French, G.A. Nielsen, and P.K. Fay. 1983. The threat of spotted knapweed (*Centaurea maculosa* Lam.) in Montana. *Abstracts, 1983 Meeting of the Weed Science Society of America*, 40-41.
- Civeyrel, L. and D. Simberloff. 1996. A tale of two snails: is the cure worse than the disease? *Biodiversity and Conservation*. 5:1231-1252.
- Clapham, A. R., T. G. Tutin, and E. F. Warburg. 1962. *Flora of the British Isles*. 2d ed. Cambridge University Press.
- Clement, S.L. 1990. Insect natural enemies of yellow starthistle in southern Europe and the selection of candidate biological control agents. *Environ. Entomol.* 19(6): 1882-1888.
- Clement, S.L. 1994. Resistance among populations of yellow starthistle to thistle-head insects: results from garden plots in Italy. *Biological Control* 4(2): 149-156.
- Clement, S.L. and T. Mimmocchi. 1988. Occurrence of selected flower head insects of *Centaurea solstitialis* L. in Italy and Greece. *Proc. Entomol. Soc. Wash.* 90(1): 47-51.
- Clement, S.L. and R. Sobhian. 1991. Host-use patterns of capitulum-feeding insects of yellow starthistle: results from a garden plot study in Greece. *Environ. Entomol.* 20(2): 724-730.
- Clement, M. and A.K. Watson. 1985. Biological control of spotted knapweed (*Centaurea maculosa*) - host range of *Puccinia centaureae*, p. 423. *In* E. S. Delfosse (ed.), *Proceedings VI International Symposium on Biological Control of Weeds*, 19-25 August 1984, Vancouver, Canada. Agriculture Canada
- Clement, S. L.; G. Campobasso; R. Sobhian. 1982. A petition for the introduction into quarantine for further testing the weevil *Bangasternus orientalis* Capiomont (Coleoptera: Curculionidae), a candidate natural enemy for the biological control of yellow starthistle (*Centaurea solstitialis*). *Annu Rep* : 59 p.
- Clement, S.L., M.A. Alonso-Zarazaga, T. Mimmocchi and M. Cristofaro. 1989. Life history and host range of *Ceratopion basicorne* (Coleoptera: Apionidae) with notes on other weevil associates (Apioninae) of yellow starthistle in Italy and Greece. *Ann Entomol Soc Am* 82(6): 741-747.
- Clement, S.L., T. Mimmocchi, R. Sobhian and P.H. Dunn. 1988. Host specificity of adult *Eustenopus hirtus* (Waltl) (Coleoptera: Curculionidae), a potential biological control agent of yellow starthistle, *Centaurea solstitialis* L. (Asteraceae, Cardueae). *Proc. Entomol. Soc. Wash.* 90(4): 501-507.

- Cloutier, D. and A. K. Watson. 1989. Application of Modelling to Biological Weed Control, pp. 5-16. *In* E. S. Delfosse (ed.). Proc. VII. Int. Symp. Biol. Contr. Weeds, 6-11 March 1988, Rome, Italy. Ist. Sper. Patol. Veg. (MAF).
- Colas, B., I. Olivieri, and M. Riba. 1997. *Centaurea corymbosa*, a cliff-dwelling species tottering on the brinks of extinction. Proceedings of the National Academy of Sciences, USA 94: 3471-3476.
- Colonnelli, E. and D.R. Whitehead. 1990. Palaearctic thistle weevils of the genus *Bangasternus* Gozis (Coleoptera, Curculionidae). *Fragmenta Entomologica* 22(1): 185-217.
- Connett, J.C. and J.P. McCaffrey. 1995. *Eustenopus villosus*: an enemy of yellow starthistle. *Knapweed* 9:6.
- Coombs, E.M., G.L. Piper and J. McCaffrey. 1996. Biological Control, pp. 3-5. *In* L.C. Burrill et al. (eds.), *Pacific Northwest Weed Control Handbook*. Oregon State University, Corvallis, Extension Services.
- Coombs, E. M., G. L. Piper and J. P. McCaffrey. 1998. Biological control, pp. 3-5. *In* R. D. William, D. Ball, T. L. Miller, R. Parker, J. P. Yenish, R. H. Callihan, C. Eberlein, G. A. Lee and D. W. Morishita (eds.), *Pacific Northwest Weed Control Handbook*. WSU Coop. Ext. Serv., Pullman.
- Coombs, E.M., D.B. Sharratt and D.L. Isaacson. 1996. Improving biological control of yellow starthistle with geographic information systems. Proceedings of a symposium on sustaining rangeland ecosystems La Grande, Oregon. 29-31 August 1994. Special Report Oregon State University Extension Service. No. 953: 65-70
- Cooksey, D. and R. Sheley. 1998. Mapping noxious weeds in Montana. Publ. No. EB148. Montana State University Extension Service, Bozeman, MT. 21 pp.
- Cordy, D.R. 1954. Nigropallidal encephalomalacia (chewing disease) in horses on rations high in yellow star thistle. *Proc., Am. Vet. Med. Assoc.* 91:149-154.
- Cordy, D.R. 1954. Nigropallidal encephalomalacia in horses associated with ingestion of yellow star thistle. *Journal of Neuropathology and Experimental Neurology* 13:330-342.
- Cordy, D.R. 1978. *Centaurea* species and equine nigropallidal encephalomalacia, pp. 327-336. *In* R.F. Keeler, K.R. Van Kampen, and L.F. James, eds., *Effects of Poisonous Plants on Livestock*. Academic Press, New York.
- Cox, C. 1998. Lessons from leafy spurge and yellow starthistle. *Journal of Pesticide Reform* 18: 2-6.
- Cox, J. W. 1983. Try sheep to control spotted knapweed. *Montana Farmer-Stockman*. 70: 64-65.
- Cranston, R. 1989. Knapweed - The British Columbia Experience, pp. 7-9. *In* P. K. Fay and J. R. Lacey (editors), *Proceedings of the 1989 Knapweed Symposium*, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Cronquist, A. 1994. Intermountain Flora Vascular Plants of the Intermountain West, USA. Volume Five Asterales. The New York Botanical Garden, Bronx, New York.

- Crovello, T.J., C.A. Keller, and J. Kartesz. The vascular plants of Indiana: A computer based checklist. 1983. American Midland Naturalist
- Cuda, J. P., B. W. Sindelar and J. H. Cardellina II. 1989. Proposal for an integrated management system for spotted knapweed (*Centaurea maculosa* Lam.), pp. 197-203. In P.K. Fay and J.R. Lacey (editors), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Cuenca, S; Amo-Marco, JB; Parra, R. 1999. Micropropagation from inflorescence stems of the Spanish endemic plant *Centaurea paui* Loscos ex Willk (Compositae). Plant Cell Rep. 18(7-8): 674-679.
- Czembor, E. and G. A. Strobel. 1997. Limitations of exotic and indigenous isolates of *Fusarium avenaceum* for the biological control of spotted knapweed - *Centaurea maculosa*. World Journal of Microbiology and Biotechnology 13(1): 119-123.
- Dall, A. A. and R. L. Zimdahl. 1988. Effect of light on growth and development of field bindweed (*Convolvulus arvensis*) and Russian knapweed (*Centaurea repens*). Weed Science 36(6): 779-783.
- Dall, A. A. and R. L. Zimdahl. 1989. The effect of light intensity on the growth and development of field bindweed (*Convolvulus arvensis* L.) and Russian knapweed (*Centaurea repens* L.). Malezas 17(1): 9-18.
- Dall, A. A. and R. L. Zimdahl. 1989. The effects of irrigation frequency and rate of glyphosate on the growth and development of Russian knapweed (*Centaurea repens* L.). Malezas 17(1): 43-51.
- Davis, E. S. 1990. Spotted Knapweed (*Centaurea maculosa* Lam.) Seed longevity, chemical control and seed morphology. M. S. thesis. Montana State University, Bozeman, MT. 109 p.
- Davis, E. S. and P. K. Fay. 1989. The longevity of spotted knapweed seed in Montana, pp. 67-72. In P. K. Fay and J. R. Lacey (editors), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Davis, E. S., P. K. Fay, T. K. Chicoine and C. A. Lacey. 1993. Persistence of spotted knapweed (*Centaurea maculosa*) seed in soil. Weed Sci. 41: 57-61.
- Davis, P. H., ed. 1975. Flora of Turkey. Vol. 5: Compositae. University Press, Edinburgh. 890 p.
- Davis, R. Flora of Idaho. 1952.
- DelFosse, E. S. (Editor). 1981. Proceedings of the Fifth International Symposium on Biological Control of Weeds
- Delfosse, E.S. 1997. Background on host-specificity of *Rhynocyllus conicus* for briefing papers and media releases. Informal memorandum (19 Aug. 1997)
- Dellow, J.J. 1996. Herbicide techniques for thistle management. Plant Protection Quarterly 11:276- 277.

- DeLoach, C.J. 1991. Past successes and current prospects in biological control of weeds in the United States and Canada. *Natural Areas Journal*. 11:129-142.
- Derscheid, L. A. , R. E. Wallace and R. L. Nash. 1960. Russian knapweed control with cultivation, cropping and chemicals. *Weeds* 8: 268-278.
- Derscheid, L. A. , W. H. Wallace and L. J. Wrage. 1963. Cropping, cultivation and herbicides to eliminate Russian knapweed (*Centaurea repens*) and prevent reinfestation. *Weeds* 11: 237-243.
- Dieckmann, L. 1977. Beiträge zur Insekten fauna der DDR: Coleoptera-Curculionidae (Apioninae). *Beitr. Entomol.* 27: 7-143.
- Dittrich, M. 1968. Morphologische Untersuchungen an den Früchten der Subtribus Cardueae-Centaureinae. *Willdenowia* 5: 67-107.
- DiTomaso, J. M. 1996. Yellow starthistle: biology and life history. *Proc., California Exotic Plant Pest Council*. 2:61-64.
- DiTomaso, J. M. 1997. Risk analysis of various weed control methods. *Proc., California Exotic Pest Plant Council Symposium* 3:34-39.
- DiTomaso, J. M. 1998. Biology and impact of yellow starthistle, pp. 82-84. *In* M. S. Hoddle (ed.), *California Conference on Biological Control. Innovation in Biological Control Research*.
- DiTomaso, J. M. 2000. Invasive weeds in rangelands: Species, impacts and management. *Weed Science* 48: 255-265.
- DiTomaso, J. M., C. Benefield and G. B. Kyser. 1998. Reproductive biology of yellow starthistle (*Centaurea solstitialis*) maximizing late season control. Kelly, M., E. Wagner, and P. Warner, eds. *Proc., California Exotic Pest Plant Council Symposium* 4: 58.
- DiTomaso, J. M. and J. Gerlach. 2000. *Centaurea solstitialis* (yellow starthistle), pp. 101-106. *In* C. Bossard, J.M. Randall, M. Hoshovsky, eds., *Invasive Plants of California's Wildlands*. U. C. Press, Berkeley.
- DiTomaso, J. M. and J. Gerlach. 2000. *Centaurea melitensis* (tocolate), pp. 98-100. *In* C. Bossard, J.M. Randall, M. Hoshovsky, eds., *Invasive Plants of California's Wildlands*. U. C. Press, Berkeley.
- DiTomaso, J. M., E. Healy, S. Enloe. 2000. California's Noxious Weeds. <http://pi.cdfa.ca.gov/weedinfo/>
- DiTomaso, J. M., G. B. Kyser and M. S. Hastings. 1999. Prescribed burning for control of yellow starthistle (*Centaurea solstitialis*) and enhanced native plant diversity. *Weed Science* 47: 233-242.
- DiTomaso, J. M., G. B. Kyser, S. B. Orloff and S. F. Enloe. 2000. Integrated approaches and control option considerations when developing a management strategy for yellow starthistle. *California Agriculture* 54 (6):30-36.
- DiTomaso, J. M., G. B. Kyser, S. B. Orloff, S. F. Enloe and G. A. Nader. 1999. New growth regulator herbicide provides excellent control of yellow starthistle. *California Agriculture* 53(2):12-16.

- DiTomaso, J. M., W. T. Lanini, C. D. Thomsen, T. S. Prather, C. E. Turner, M. J. Smith, C. L. Elmore, M. P. Vayssieres, and W. A. Williams. 1999. Yellow starthistle. Pest Notes 3:1-4. Univ. of California, Div. Ag. Nat. Res., Oakland, CA.
- DiTomaso, J. M., S. B. Orloff, G. B. Kyser and G. A. Nader. 1998. Influence of timing and chemical control on yellow starthistle. Proc., Calif. Weed Sci. Soc. 50:190-193.
- Dormer, K. J. 1962. The taxonomic significance of crystal forms in *Centaurea*. New Phytol. 61: 32-35.
- Dorn, R.D. Vascular Plants of Montana. 1984.
- Dostál, J. 1973. Preliminary notes on the subtribe Centaureinae. Acta Bot. Acad. Sci. Hung. 19: 73-39.
- Dostál, J. 1976. *Centaurea* L. In T. G. Tutin, V. H. Heywood, N. A. Burges, D. M. Moore, D. H. Valentine, S. M. Walters, and D. A. Webb (eds.), Flora Europaea 4: 254-301. Cambridge University Press.
- Douglas, G. W. and R. J. Taylor. 1970. Contributions to the flora of Washington. Rhodora 72: 496-501.
- Dowell, R.V. and C.J. Krass. 1992. Exotic pests pose growing problem for California. California Agriculture 46(1):6-12.
- Drake, K. R., C. Cauffman and T. D. Whitson. 1989. Russian knapweed (*Centaurea repens* (L.) control in pastureland. Res. Prog. Rep. West. Soc. Weed Sci. p. 103.
- Drodz, B. 1966. Isolation of cnicin from the herbs of *Centaurea diffusa* Lam. Dissertationes Pharmaceuticae et Pharmacologicae 18: 281-283
- Dudley, D. R. 2000. Wicked weed of the west. California Wild 53:32-35.
- Dugan, F. M. and L. M. Caris. 1992. *Puccinia jaceae* var. *diffusa* and *P. acroptili* on knapweeds in Washington. Plant Disease 76(9): 972
- Dunn, P. H. and G. Campobasso. 1987. A petition for the introduction into quarantine for testing *Bangasternus fausti* (Reitter) (Coleoptera:Curculionidae); a potential biocontrol agent of diffuse knapweed (*Centaurea diffusa* Lam.). USDA/ARS Biological Control of Weeds Laboratory, Europe. American Embassy.
- Dunn, P. and G. Campobasso. 1989. Host damage by *Pterolonche inspersa* (Lepidoptera: Pterolonchidae) and *Bangasternus fausti* (Coleoptera: Curculionidae) on diffuse knapweed (*Centaurea diffusa*), p. 171. In E. S. Delfosse (ed.), Proc. VII. Int. Symp. Biol. Contr. Weeds, 6-11 March 1988, Rome, Italy.
- Dunn, P. H., S. S. Rosenthal, G. Campobasso and S. M. Tait. 1989. Host specificity of *Pterolonche inspersa* (Lep.: Pterolonchidae) and its potential as a biological control agent for *Centaurea diffusa*, diffuse knapweed and *C. maculosa*, spotted knapweed. Entomophaga 34: 435-446.
- Dunn, P., Rosenthal, S. S., Campobasso, G., and Tait, S. M. 1998. A petition for the Release of *Pterolonche inspersa* Stgr. (Lepidoptera: Pterolonchidae) in the United States as a biological control agent for *Centarea diffusa* Lam.
- Ebright, S. 2000. Developing and implementing a Weed Management Area: The Plumas-Sierra counties experience. Proc. California Weed Science Society 52: 144-145.

- Eddleman, L. E. and J. T. Romo. 1988. Spotted knapweed germination response to stratification, temperature, and water stress. *Can. J. Bot.* 66: 653-657.
- Edwards, B. 1989. Research to control yellow star thistle: the dilemma between a valuable honey plant and a noxious weed. *American Bee Journal* 129:489-490.
- Edwards, G. R. and M. J. Crawley. 1999. Rodent seed predation and seedling recruitment in mesic grassland. *Oecologia* 118(3): 288-296.
- Englert, W. 1971. *Metzneria paucipunctella* Zel. (Gelechiidae, Lepidoptera): A potential insect for the biological control of *Centaurea strobe* L. CAB Prog. Rept. No. 28: 1-12.
- Englert, W. 1973. *Metzneria paucipunctella* Zel. (Gelechiidae:Lepidoptera): a potential insect for the biological control of *Centaurea stoebe* L. in Canada. Proc. 2nd Int. Symp. Biol Contr. Weeds, Rome, Italy. pp. 161-165.
- Enloe, S., J. M. DiTomaso, S. Orloff and D. Drake. 1999. Integrated management of yellow starthistle on California rangeland. Proc., California Weed Science Society 51:24-27.
- Enloe, S., J. M. DiTomaso, S. B. Orloff and D. Drake. 1999. Selective yellow starthistle management and revegetation strategies for annual rangelands. Proc., Forest Vegetation Management Conference 20:29-32.
- Enloe, S. F., J. M. DiTomaso, S. Orloff and D. Drake. 2000. Integrated strategies for the attrition of yellow starthistle on Northern California rangeland. Proc., California Weed Science Society 52:31-34.
- Evans, R. R. 1998. Transline/fertilizer combination boosts forage on range. *Ag Alert*. Sept. 23.
- Farrell, R. K., R. D. Sande and S. D. Lincoln. 1971. Nigropallidal encephalomalacia in a horse. *Amer Vet Med Ass J.* (7).
- Fay, P. K. and E. S. Davis. 1988. Testing herbicides for spotted knapweed (*Centaurea maculosa* Lam.) control in alfalfa. *Res. Prog. Rep. West. Soc. Weed Sci.* p. 152.
- Fay, P. K., E. S. Davis, T. B. Chicoine and C. A. Lacey. 1989. The status of long-term chemical control of spotted knapweed, pp. 43-16. In P. K. Fay and J. R. Lacey (editors), *Proceedings of the 1989 Knapweed Symposium*, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Fay, P. K., E. S. Davis, C. A. Lacey and T. K. Chicoine. 1991. Chemical Control of *Centaurea maculosa* in Montana, pp. 303-315. In L. F. James, J. O. Evans, M. H. Ralphs and R. D. Child (eds.), *Noxious Range Weeds*. Westview Press, Boulder, Colorado.
- Fernandez, I., B. Garcia, F. J. Grancha, J. R. Pedro. 1989. Sesquiterpene Lactones, flavonoids and coumarins from *Centaurea collina*. *Phytochemistry* 28(8): 2405-2407.
- Ferrell, M. A., T. D. Whitson, D. W. Koch and A. E. Gade. 1993. Integrated control of leafy spurge (*Euphorbia esula*) with Bozoiisky Russian wildrye (*Psathyrostachys juncea*) and Luna pubescent wheatgrass (*Agropyron intermedium* var. *trichophorum*). Proc., West. Soc. Weed Sci. 46:36-38.
- Ferrell, M. A., T. D. Whitson, D. W. Koch, R. Bottoms, A. E. Gade. 1995. Integrated control of leafy spurge (*Euphorbia esula*) and Russian knapweed (*Centaurea repens*) with perennial grass species. Brighton crop protection conference: weeds, Brighton, UK, 20-23 November 1995. 3: 931-936

- Fielding, D. J., M. A. Brusven and L. P. Kish. 1996. Consumption of diffuse knapweed by two species of polyphagous grasshoppers (Orthoptera: Acrididae) in southern Idaho. *Great Basin Naturalist* 56(1): 22-27.
- Fischer, B. B. and W. B. McHenry. 1975. Yellow starthistle control. Leaflet, Div. Agric. Sci., University of California Berkeley Coop. Ext.
- Fisher, T.R. 1988. The Dicotyledoneae of Ohio. Part 3. Asteraceae.
- Fisyunov, A. V., A. A. Mordovets and V. V. Golovin. 1977. The use of Banvel-D [dicamba-dimethylamine] against Russian knapweed in the crop rotation. *Khimiya v Sel'skom Khozyaistve* 15(2): 63-68.
- Fisyunov, A. V., A. A. Mordovets and V. V. Golovin. 1978. The use of Tordon 22K against Russian knapweed in individual crops of the crop rotation. *Khimiya v Sel'skom Khozyaistve* 16(5): 20-24.
- Fisyunov, A. V., A. A. Mordovets and A. I. Nazarenko. 1981. Peculiarities of the application of Tordon 22K against *Acroptilon repens*. *Khimiya v Sel'skom Khozyaistve* 19(1): 43-46.
- Fisyunov, A. V. and A. I. Nazarenko. 1981. Achievements and prospects of research for control of *Centaurea repens*. *Zashchita Rastanii* 8: 36-37.
- Fisyunov, A. V. and N. A. Ostapenko. 1979. The regenerative ability of the root system of *Acroptilon [=Centaurea] repens* (L.) D.C. (Asteraceae) at different soil moisture contents. *Botanicheskii Zhurnal* 64(3): 435-438.
- Fisyunov, A. V. and I. F. Shamkii. 1975. The biological basis for cultural methods of control of Russian knapweed at the northern limits of its distribution. *Doklady Vsesoyuznoi Akademii Sel'skokhozyaistvennykh Nauk imeni* 12: 16-17
- Fitzpatrick, S. M. 1989. A potential collection method for *Agapeta zoegana* (Lepidoptera: Cochyliidae), a knapweed-root-feeding moth. *J. Entomol. Soc. Brit. Columbia* 86: 55-62.
- Fletcher, R. A. 1961. A growth inhibitor found in *Centaurea* spp. M. Sc. Thesis, Department of Plant Science, University of British Columbia. Vancouver. B. C.
- Fletcher, R. A. and A. J. Renney. 1963. A growth inhibitor found in *Centaurea* spp. *Canadian Journal of Plant Science* 43: 475-481
- Forcella, F. and S. J. Harvey. 1981. New and exotic weeds of Montana. Volume II: Migration and distribution of 100 alien weeds in northwestern U.S.A. 1880 -1980. Montana Department of Agriculture, Helena. 117 pp.
- Ford, E. J. 1989. *Sclerotinia* as a mycoherbicide, pp. 182-189. In P. K. Fay and J. R. Lacey (editors), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Fornasari, L. and R. Sobhian. 1993. Life history of *Eustenopus villosus* (Coleoptera: Curculionidae), a promising biological control agent for yellow starthistle. *Environ. Entomol.* 22(3): 684-692.
- Fornasari, L. and C. E. Turner. 1995. Host specificity of the paleartic weevil *Larinus curtus*, natural enemy of *Centaurea solstitialis*, pp. 385-391. In E. S. Delfosse and R. R. Scott

- (eds.), Proc. 8th Intl. Symp. Biol. Control Weeds, 2-7 February 1992, Lincoln, Univ., Canterbury, New Zealand.
- Fornasari, L., C. E. Turner and L. A. Andres. 1991. *Eustenopus villosus* (Boheman) (Coleoptera: Curculionidae), a candidate biological control agent of yellow starthistle (*Centaurea solstitialis* L. Asteraceae: Cardueae) in North America. *Environ. Entomol.* 20(4): 1187-1194.
- Frankton, C. and G. A. Mulligan. 1970. Weeds of Canada. Canada Dept. Agric. Publ. 948.
- Frazier, J. C. 1998. Nature and rate of development of root system of *Centaurea picris*. *The Botanical Gazette* 105(3): 346-351.
- French, R. A. and J. R. Lacey. 1983. Knapweed: Its cause, effect and spread in Montana. *Montana Coop. Ext. Serv. Circ.* 307. 13 pp.
- Freville, H., B. Colas, J. Ronfort, M. Riba and I. Olivieri. 1998. Predicting endemism from population structure of a widespread species: case study in *Centaurea maculosa* Lam. (Asteraceae). *Conserv. Biol.* 12: 1269-1278.
- French, R. A. and J. R. Lacey. 1983. Knapweed: Its cause, effect, and spread in Montana. *Montana Coop. Ext. Serv. Circ.*, 307.
- Fuerst, E.P., M.A. Norman, G.P. Irzyk, T.S. Prather and R.H. Callihan. 1994. Picloram-resistant yellow starthistle: cross-resistance and absorption, translocation, and metabolism of picloram. *Proc., West. Soc. Weed Sci.* 47:88-89.
- Fuerst, E. P., T. M. Sterling, M. A. Norman, T. S. Prather, G. P. Irzyk, Y. Wu, N. K. Lownds, and R. H. Callihan. 1996. Physiological characterization of picloram resistance in yellow starthistle. *Pesticide Biochemistry and Physiology* 56(2): 149-161.
- Fuller, T.C. and G.D. Barbe. 1985. The Bradley method of eliminating exotic plants from natural reserves. *Fremontia* 13(2):24-25.
- Furness, M. H., M. K. Upadhyaya and D. P. Ormrod. 1999. Seedling growth and leaf surface morphological responses of three rangeland weeds to ultraviolet-B radiation. *Weed Sci.* 47(4): 427-434.
- Furrer, A. H. and S. N. Fertig. 1965. Progress report on herbicide treatments for the control of spotted knapweed (*Centaurea maculosa*). *Proc. 19th Northeast Weed Contr. Conf.* 324-326.
- Gabrielian, E. 1994. The generic status of some groups of Centaureinae, p. 26. *In* D. J. N. Hind, *Compositae systematics biology utilization. Abstracts of the International Compositae Conference, Royal Botanic Gardens, Kew, 24 July-5 August, 1994.* University of Reading School of plant Sciences, Systematics Association.
- Gaiser, D. R., V. F. Carrithers and C. Duncan. 1997. Efficacy of picloram or clopyralid applications at three timings on spotted knapweed or yellow starthistle. *Proc., West. Soc. Weed Sci.* 50:42-44.
- Garcia-Jacas, N., A. Susanna, R. Ilarslan and H. Ilarslan. 1997. New chromosome counts in the subtribe Centaureinae (Asteraceae, Cardueae) from West Asia. *Botanical Journal of the Linnean Society* 125(4): 343-349.

- Gard, G. P., W. G. Sarem, A. P. De. 1973. Nigropallidal encephalomalacia in horses in New South Wales. *Australian Veterinary Journal* 49(No.2): 107-108.
- Garnatje, T., A. Susanna and R. Messegueur. 1998. Isozyme studies in the genus *Cheirolophus* (Asteraceae: Cardueae-Centaureinae) in the Iberian Peninsula, North Africa and the Canary Islands. *Plant Systematics and Evolution* 213(1-2): 57-70.
- Gary, N. E.; P. C. Witherell; K. Lorenzen. 1980. Distribution of foraging honey bees to multiple, small floral plots of various species. *Environmental Entomology* 9(1): 43-46.
- Gassmann, A. 1995. Europe as a source of biological control agents of exotic invasive weeds: status and implications. *Bulletin de la Société Entomologique Suisse* 68: 313-322.
- Gassmann, A., D. Schroeder and H. Muller. 1982. Investigations on *Pelochrista medullana* (Stgr.) (Lep.: Tortricidae), a possible biocontrol agent of diffuse and spotted knapweed, *Centaurea diffusa* Lam., and *C. maculosa* Lam. (Compositae) in North America. Final Report, CAB, Delemont, Switzerland.
- Geronimo, J. 1978. Response of several herbaceous weed species to triclopyr and 3,6-dichloropicolinic acid. Abstracts 1978 Meeting Weed Science Society of America 43.
- Gerlach, J.D., Jr. 1997. How the west was lost: reconstructing the invasion dynamics of yellow starthistle and other plant invaders of western rangelands and natural areas. Proc., California Exotic Pest Plant Council Symposium 3:67-72.
- Gerlach, J.D., Jr. 1997. The introduction, dynamics of geographic range expansion, and ecosystem effects of yellow starthistle (*Centaurea solstitialis*). Proc., California Weed Science Society 49:136-141.
- Gerlach, J.D., A. Dyer and K.J. Rice. 1998. Grassland and foothill woodland ecosystems of the Central Valley. *Fremontia* 26:39-43.
- Gibbs, L.A., M.W. Murray, T.M. Sterling and N.K. Lownds. 1995. Comparison of picloram-resistant and -susceptible yellow starthistle in a replacement series. Proc., West. Soc. Weed Sci. 48:26.
- Gillespie, R. L. 1983. Bionomics of *Urophora affinis* Fraunenfeld and *U. quadrifasciata* Meigen (Diptera: Tephritidae) in northern Idaho. M. S. thesis. Univ. of Idaho, Moscow. 90 pp.
- Goeden, R. D. 1993. Arthropods for suppression of terrestrial weeds, pp. 231-237. In R. D. Lumsden, R.D. and J.L. Vaughn, eds., *Pest Management: Biologically Based Technologies*. Amer. Chem. Soc., Washington, DC.
- Goltz, L. 1999. Yellow starthistle on the hit list in California. *American Bee Journal* 139(5):383-384.
- Good, W. R., J. M. Story and N. W. Callan. 1997. Winter cold hardiness and supercooling of *Metzneria paucipunctella* Zeller (Lepidoptera: Gelechiidae). *Environ. Entomol.* 26(5): 1131-1135.
- Gorman, M. W. 1920. Flora of Hamilton Mt., Washington. *Mazama* 6:76.
- Gratton, C and SC Welter. 1999. Does "enemy-free space" exist? Experimental host shifts of an herbivorous fly. *Ecology* 80(3): 773-785.

- Griffith, D. and J. R. Lacey. 1991. Economic evaluation of spotted knapweed (*Centaurea maculosa*) control using picloram. *J. Range Manage.* 44: 43-47.
- Griffith, D. and J. R. Lacey. "in press" (ca. 1993). Economic Evaluation of Spotted and Diffuse Knapweed Control Using Picloram. Extension Bulletin, Montana State University, Bozeman.
- Groh, H. 1944. Canadian Weed Survey. 2nd annual Report. Canada Department of Agriculture. 74 p.
- Groh, H. 1940. Turkestan alfalfa as a medium of weed introduction. *Sci. Agric.* 20: 36-43.
- Groppe, K. 1988. Weed projects for Canada and the northern United States: diffuse and spotted knapweed work in Europe in 1988. CAB International Institute of Biological Control, European Station, Delémont, Switzerland. Report.
- Groppe, K. 1990. *Larinus minutus* Gyll. (Coleoptera: Curculionidae), a suitable candidate for the biological control of diffuse and spotted knapweed in North America. Report. CAB International Institute of Biological Control, European Station, Delemont, Switzerland.
- Groppe, K. 1992. *Larinus obtusus* Gyll. (Col: Curculionidae), a candidate for biological control of diffuse and spotted knapweed. CAB International Institute of Biological Control. Final Report.
- Groppe, K. and K. Marquardt. 1989. *Terellia virens* (Loew) (Diptera: Tephritidae), a suitable candidate for the biological control of diffuse and spotted knapweed in North America. CAB International Institute of Biological Control. Report.
- Groppe, K. and K. Marquardt. 1989. *Chaetorellia acrolophi* White and Marquardt (Diptera: Tephritidae), a suitable candidate for the biological control of diffuse and spotted knapweed in North America. CAB International Institute of Biological Control. Report.
- Groppe, K., R. Sobhian and J. Kashefi. 1990. A field experiment to determine host specificity of *Larinus curtus* Hochhut (Col., Curculionidae) and *Urophora sirunaseva* Hg. (Dipt., Tephritidae), candidates for the biological control of *Centaurea solstitialis* L. (Asteraceae), and *Larinus minutus* Gyllenhal, a candidate for biological control of *C. maculosa* Lam., and *C. diffusa* Lam. *Journal of Applied Entomology* 110: 300-306.
- Gruzdev, G. S. and V. G. Popov. 1972. Combining chemical and cultural methods for the control of Russian knapweed [*Centaurea repens*]. *Khimiya v Sel'skom Khozyaistve* 10(12): 917-922.
- Gruzdev, G. S. and V. G. Popov. 1974. Effectiveness of picloram for the control of Russian knapweed. *Izvestiya Timiryazevskoi Sel'skokhozyaistvennoi Akademii* 5: 139-146
- Guinochet, M. 1957. Contribution à l'étude caryologique du genre *Centaurea* L. *Bull. Soc. Hist. Nat. Afrique Nord* 48, 282-300.
- Guinochet, M. and J. Foissag. 1962. *Revue de cytologie et biologie végétales*, XXV, Paris, p. 379.
- Guyot, A. L. 1967. Les rouilles des Centaurees. *Uredineana* 6: 59-61.
- Hamburger, M., J.L. Wolfender and K. Hostettmann. 1993. Search for chlorinated sesquiterpene lactones in the neurotoxic thistle *Centaurea solstitialis* by liquid chromatography-mass

- spectroscopy, and model studies on their possible artifactual formation. *Nat. Toxins* 1(6): 315-327.
- Hakim, S. E. A. 1979. Range Condition on the Threemile Game Range in Western Montana. M.S. thesis. University of Montana, Missoula, MT. 62 p.
- Harrington, K.C. and W.T. Lanini. 2000. *Phalaris aquatica*, pp. 262-266. *In* C. Bossard, J. M. Randall, M. Hoshovsky, eds., *Invasive Plants of California's Wildlands*. UC Press, Berkeley.
- Harris, P. 1980. Establishment of *Urophora affinis* Frfld and *U. quadrifasciata* (Meig.) (Diptera: Tephritidae) in Canada for the biological control of diffuse and spotted knapweed. *Zeitschrift fur Angewandte Entomologie* 89: 504-514.
- Harris, P. 1980. Effects of *Urophora affinis* Frfld and *U. quadrifasciata* (Meig.) (Diptera: Tephritidae) on *Centaurea diffusa* Lam. and *C. maculosa* Lam. (Compositae). *Zeitschrift fur Angewandte Entomologie* 90: 190-201.
- Harris, P. 1986. Biological control of knapweed with *Metzneria paucipunctella* (Zeller). *Canadex* 641.613.
- Harris, P. 1986. Biological control of knapweed with *Urophora affinis* (Frfld.). *Canadex* 641.613. 2 pg.
- Harris, P. 1989. Feeding Strategy, Coexistence and Impact of Insects in Spotted Knapweed Capitula, pp. 39-47. *In* E. S. Delfosse (ed.), *Proc. VII. Int. Symp. Biol. Contr. Weeds*, 6-11 March 1988, Rome, Italy.
- Harris, P. 1989. The use of Tephritidae for the biological control of Weeds. *Biocontrol News and Information* 10: 7-16.
- Harris, P. 1990. Environmental impact of introduced biological control agents, pp. 289-300. *In* Mackauer, M., L. E. Ehler and J. Roland (Eds.), *Critical issues in biological control*. Andover, UK: Intercept.
- Harris, P. 1993. Effects, constraints and the future of weed biocontrol. *Agriculture. Ecosystems and Environmen.* 46: 289-303.
- Harris, P. 1997. Monitoring and Impact of Weed Biological Control Agents. Chap. 13, pp. 215-223. *In* D. A. Andow, D. W. Ragsdale, and R. B. Nyvall (eds.), *Ecological Interactions and Biological Control*. Westview Press, Boulder, CO.
- Harris, P. 1998. New directions in classical weed biocontrol, pp. 87-103. *In* *Proceedings, Science in Wildland Weed Management Symposium*, Denver, Colorado, April 8-10, 1998. Bureau of Land Management.
- Harris, P. and M. J. Clapperton. 1997. An exploratory study on the influence of vesicular-arbuscular mycorrhizal fungi on the success of weed biological control with insects. *Biocontrol Science Technology* 7: 793-201.
- Harris, P. and R. Cranston. 1979. An economic evaluation of control methods for diffuse and spotted knapweed in western Canada. *Can. J. Plant Sci.* 59(2): 375-382.
- Harris, P. and A. Muir. 1986. Biological control of spotted knapweed by *Metzneria paucipunctella* (Zeller). *Canadex* 641.613, *Agric. Canada*. 2 p.

- Harris, P. and J. H. Myers. 1984. *Centaurea diffusa* Lam. *C. maculosa* Lam. diffuse and spotted knapweed (Compositae), pp. 127-137. In Kelleher, J.S. and M.A. Hulme (eds.), Biological Control Programmes Against Insects and Weeds In Canada 1969-1980. Commonwealth Agricultural Bureaux.
- Harris, P. and J. D. Shorthouse. 1996. Effectiveness of gall inducers in weed biological control. *Can. Entomol.* 128: 1021-1055.
- Harris, P., J. H. Myers, J. S. Kelleher and M. A. Hulme. 1981. *Centaurea diffusa* Lam., and *C. maculosa* Lam. s. lat., diffuse and spotted knapweed (Compositae), pp. 127-137. In Biological control programmes against insects and weeds in Canada 1969-1980, Commonwealth Agricultural Bureaux.
- Harrison, E. and R. Cranston. 1979. An economic evaluation of control methods for diffuse and spotted knapweed in western Canada. *Can J. Plant Sci.* 59:375-82.
- Harrod, R. J. and R. J. Taylor. 1995. Reproduction and pollination biology of *Centaurea* and *Acroptilon* species, with emphasis on *C. diffusa*. *Northwest Science* 69(2): 97-105
- Hastings, M.S. and J.M. DiTomaso. 1996. The use of fire for yellow starthistle (*Centaurea solstitialis*) management and the restoration of native grasslands at Sugarloaf Ridge State Park. *Proceedings of the California Weed Science Society* 48:114-119.
- Hawkins, B. A. 1988. Do galls protect endophytic herbivores from parasitoids? A comparison of galling and non-galling Diptera. *Ecol. Entomol.* 13: 473-477.
- Hegi, G. 1912. III. Flora von Mitteleuropa Vol. 6, 969-973.
- Hendry, G. W., and M. P. Kelly. 1925. The plant content of adobe bricks. *Calif. Hist. Soc. Quart.* 4:361-373.
- Hershenhorn, J., S. H. Park, A. Stierle and G. A. Strobel. 1992. *Fusarium avenaceum* as a novel pathogen of spotted knapweed and its phytotoxins, acetamido-butenolide and enniatin B. *Plant Sci.* 86:155-160.
- Hess, H. E., E. Landolt, and R. Hirzel. 1972. Flora der Schweiz und angrenzender Gebiete. Band 3: Plumbaginaceae bis Compositae. Birkhauser Verlag, Basel and Stuttgart.
- Hickman, J.C. 1993. The Jepson Manual. Higher Plants of California. Pages 222-223. University of California Press, Berkeley, CA.
- Hickman, M. V. and R. G. Lym. 1985. Spotted knapweed: a threat to the northwestern rangelands. *Weeds Today* 16(4): 1-2.
- Higgins, R. E. and R. L. Kambitsch. 1978. Yellow starthistle *Centaurea solstitialis*: a threat to Idaho grazing and recreational land users. *Idaho Curr Inf Ser* (445).
- Higgins, R. E.; R. L. Kambitsch. 1978. Yellow starthistle *Centaurea solstitialis*: a threat to Idaho grazing and recreational land users. *Idaho Curr Inf Ser* (445).
- Higgins, R. E. and R. Schirman. 1977. Know and control spotted and diffuse knapweed [*Centaurea maculosa*, *Centaurea diffusa*, ranges and pastures]. *Curr. Inf. Ser.*, Idaho University Coop. Ext. Serv.
- Hirsch, S. A. and J. A. Leitch. 1996. The impact of knapweed on Montana's economy. North Dakota Agric. Exp. Station. Agricultural Economics Report No. 355. 43 p.

- Hoebeker, E. R. 1993. Establishment of *Urophora quadrifasciata* (Diptera:Tephritidae) and *Chrysolina quadrigemina* (Coleoptera: Chrysomelidae) in portions of eastern United States. Ent. News 104:143-152.
- Hoebeker, E. R. and A. G. Wheeler. 1996. *Pteromalus elevatus* (Walker) (Hymenoptera: Pteromalidae): North American records of an immigrant parasitoid of the gall fly *Urophora jaceana* (Diptera: Tephritidae. Proc. Entomol. Soc. Wash. 98: 97-92.
- Hoffman, A. 1958. Fauna de France 62: Coléoptères Curculionides (troisième partie). Lechevalier, Paris.
- Hopkins, A; Pywell, RF; Peel, S, et al. 1999. Enhancement of botanical diversity of permanent grassland and impact on hay production in Environmentally Sensitive Areas in the UK. Grass Forage Sci. 54(2): 163-173.
- Howell, J. T. 1959. Distributional data on weedy thistles in western North America. Leaflet. West. Bot. 9:17-32.
- Hubbard, W. A. 1970. Knapweed control. Canadex 641, Canadian Dept. Agric.
- Hubbard, W. A. 1975. Increased range forage production by reseeding and the chemical control of knapweed. Journal of Range Management 28: 406-407.
- Huston, C., R.L. Sheley, R.H. Callihan and D.C. Thill. 1982. Genotypic variation among yellow starthistle populations. Res. Prog. Rep. West. Soc. Weed Sci. pg. 33.
- Huston, C.H., R.L. Sheley, R.H. Callihan, D.L. Zamora and D.C. Thill. 1983. Effect of maturation on viability and germination of yellow starthistle seed buried at three depths. Res. Prog. Rep. West. Soc. Weed Sci. pp. 43-44.
- Huxley, A. 1967. Mountain Flowers (Europe). Blandford Press, London.
- Ialongo, M. T. and P. E. Boldt. 1977. Preliminary study on host specificity of *Puccinia centaurea* DC. on *Centaurea sphaerocephala* L. Extracts from Annali dell' Instituto Sperimentale per la Patologia Vegetale 5: 3-7.
- Ialongo, M. T., and P. E. Boldt. 1978. Ricerche preliminari sulla specificita' di *Puccinia centaureae* D. C. su *Centaurea sphaerocephala* L. Ann. Ist. Speriment. Patol. Veg. 5: 1-7.
- Ivannikov, A. 1969. A nematode against Russian knapweed. (In Russian). Zashch. Rast. 14: 54-55. (Weed Abstr. 19: 2227)
- Ivannikov, A. 1969. Russian knapweed - a harbinger of a polyphagous miner. (In Russian). Zashch. Rast. 14: 50. (Weed Abstr. 20: 1273)
- Ivannikov, A. I. and S. S. Tyurebaev. 1977. Beetles (Curculionidae, Coleoptera), enemies of Russian knapweed [*Centaurea repens*]. Vestnik Sel'skokhozyaistvennoi Nauki Kazakhstana 20(10): 35-38.
- Ivanova, T. S. 1966. Biological control of mountain bluet (*Acroptilon picris* C.A.M.). Izv Acad.Nauk.tadzhik 2: 51-63. (Translation: Transl. Bur., Can. Dept. Secretary of State, No. 3793)
- Jacobs, J. S. and R. L. Sheley. 1997. Relationships among Idaho fescue defoliation, soil water, and spotted knapweed emergence and growth. J. Range Manage. 50: 258-262.

- Jacobs, J. S. and R. L. Sheley. 1998. Observation: life history of spotted knapweed. *J. Range Manage.* 51: 665-673.
- Jacobs, J. S. and R. L. Sheley. 1999. Competition and niche partitioning among *Pseudoroegneria spicata*, *Hedysarum boreale*, and *Centaurea maculosa*. *Great Basin Natur.* 59(2): 175-181.
- Jacobs, J. S. and R. L. Sheley. 1999. Spotted knapweed, forb and grass response to 2,4-D and N-fertilizer. *J. Range Manage.* 52: 482-488.
- Jacobs, H. S. and R. L. Sheley. 1999. Grass defoliation intensity, frequency, and season effects on spotted knapweed invasion. *J. Range Manage.* 52: 626-632.
- Jacobs, J.S., M.F. Carpinelli and R.L. Sheley. 1999. Revegetating noxious weed-infested rangeland, pp 133-141. *In* R. L. Sheley and J. K. Petroff, eds., *Biology and Management of Noxious Rangeland Weeds*. Oregon St. Univ. Press, Corvallis.
- Jacobs, J. S., R. L. Sheley and B. D. Maxwell. 1996. Effect of *Sclerotinia sclerotiorum* on the interference between bluebunch wheatgrass (*Agropyron spicatum*) and spotted knapweed (*Centaurea maculosa*). *Weed Tech.* 10:13-21.
- Jacobs, J. S., R. L. Sheley and B. D. Maxwell. 1996. Effect of *Sclerotinia sclerotiorum* on the interference between bluebunch wheatgrass and spotted knapweed, p. 39. *In* Proceedings of the Society for Range Management meeting, February 10-15, 1996, Wichita, Kansas.
- Jacobs, J. S., R. L. Sheley, and J. M. Story. 2000. Use of Picloram to Enhance Establishment of *Cyphocleonus achates* (Coleoptera: Curculionidae). *Environ. Entomol.* 29(2): 349-354.
- Jaeger, E. C. 1947. A source-book of biological names and terms, 2nd edn. Charles C. Thomas, Pub., Springfield, Illinois.
- Jeffrey, G. 1968. The Cynareae in east tropical Africa. *Kew Bulletin* 22: 107-140.
- Jette, C., J. Connett and J. P. McCaffrey. 1999. Biology and biological control agents of yellow starthistle. USDA, Forest Service. FHTET-98-17.
- Johnson, D. 1988. Forage species for replacement of yellow starthistle in Oregon. *Knapweed* 2:3.
- Johnson, D.E. and M.M. Borman. 1992. Yellow starthistle control research in Southwestern Oregon. *Knapweed* 6:3-4.
- Johnson, E. 1923. A new noxious weed in California. *California Agric. Dept. Bull.* 12:92-105.
- Johnson, J. B., J. P. McCaffrey and F. W. Merickel. 1992. Endemic phytophagous insects associated with yellow starthistle in northern Idaho. *Pan-Pacific Entomol.* 68: 169-173.
- Johnson, S.A. 2000. Thistle and bush management for rural and foothill landowners. *Proc., California Weed Science Society* 52:20-25.
- Joley, D. B., D. M. Maddox, B. E. Mackey, S. E. Schoenig and K. A. Casanave. 1997. Effect of light and temperature on germination of dimorphic achenes of *Centaurea solstitialis* in California. *Can. J. Bot.* 75(12): 2131-2139.
- Joley, D. B., D. M. Maddox, D. M. Supkoff and A. Mayfield. 1992. Dynamics of yellow starthistle (*Centaurea solstitialis*) achenes in field and laboratory. *Weed Science* 40(2): 190-193.

- Jones, I. B. and J. O. Evans. 1973. Control of Russian knapweed and field bindweed with dicamba, 2,4-D and their combinations, with and without DMSO. *Proceedings of the Western Society of Weed Science* 26: 39-43.
- Jordan, K. 1995. Host specificity of *Larinus minutus* Gyll. (Col., Curculionidae), and agent introduced for the biological control of diffuse and spotted knapweed in North America. *J. Appl. Ent.* 119: 689-693.
- Julien, M. H. (ed.). 1982. *Biological control of weeds. A world catalogue of agents and their target weeds.* Commonwealth Agricultural Bureau International, Wallingford, Oxon, U.K. 108 p.
- Julien, M. 1987. *Biological control of weeds. A world catalogue of agents and their target weeds.* Second edition. CAB International, Wallingford, UK.
- Julien, M.H. 1989. Biological control of weeds worldwide: trend, rates of success and the future. *Biocontr. News Info.* 10:299-306.
- Julien, M. H. 1992. *Biological Control of Weeds. A world catalogue of agents and their target weeds.* Third edition. CAB International, Wallingford, UK.
- Julien, M. H. and M. W. Griffiths (Eds.) 1999. *Biological Control of Weeds: A World Catalogue of Agents and Their Target Weeds.* 4th edition. CABI Publishing and the Australian Centre for International Agricultural Research. Antony Rowe, Chippenham, United Kingdom. 223 p.
- Kal'chenko, V. A., A. V. Rubanovich and V. A. Shevchenko. 1995. Genetical processes in chronically irradiated populations of *Centaurea scabiosa* L., growing on the Eastern Urals radioactive trail. *Radiatsionnaya Biologiya Radioekologiya* 35 (5) 708-720
- Kartesz, J. T. 1988. *A Flora of Nevada.* Ph.D. Dissertation.
- Kartesz, J. T. 1994. *A synonymized checklist of the vascular flora of the United States, Canada, and Greenland.* Second edition. Volume 2 - thesaurus. Timber Press, Portland, Oregon.
- Kashefi, J. 1993. A new method for determining the sex of living weevils. *Proc. Entomol. Soc. Wash.* 95: 511-512.
- Kashefi, J. M. and R. Sobhian. 1998. Notes on the biology of *Larinus minutus* Gyllenhal (Col., Curculionidae), an agent for biological control of diffuse and spotted knapweeds. *J. Appl. Ent.* 122: 547-549.
- Kasimova, G. A. 1978. A record of the knapweed nematode *Paranguina picridis* (Kirjanova, 1944) on Russian knapweed in Azerbaidzhan. *Doklady Akademii Nauk Azerbaidzhanskoi SSR* 34(1): 51-53.
- Kazmer, D.J. ; Rogers, K.; Baker, J.L.; McNary, T. 1997. The current status of classical biological control efforts against exotic rangeland weed pests in Wyoming, p. 30. *In Proceedings of the Western Society of Weed Science* vol. 50.
- Kearing, S. A. 1996. Spotted knapweed (*Centaurea maculosa* Lam.): water, nutrients, plant competition, bacteria, and the seed head fly (*Urophora affinis* Frnfd.). M.S. thesis, Montana State University, Bozeman, Montana. 66 p.

- Kearing, S. A., R. M. Nowierski and W. E. Grey. 1997. First report of spotted knapweed (*Centaurea maculosa*) stem dieback caused by *Pseudomonas syringae*. *Plant Disease* 81(1): 113 p.
- Kedici, R.; K. Melan; A. Ercis; H. Ural. 1925. Phytophagous insects on important weeds in cereal fields in Ankara and Cankiri provinces and their evaluation with respect to biological control. *Turkiye III 25-28 Ocak 1994*, Ege Universitesi Ziraat Fakultesi, Bitki Koruma Bolumu, Izmir. 1994, 309-320; 26 ref.: Ege-320 p.
- Kedzie-Webb, S. A. 1999. Relationship between spotted knapweed and indigenous plant assemblages and prediction of plant community response to picloram. M. S. thesis, Montana State University. Bozeman, Montana.
- Kelsey, R. G. 1984. Living with spotted knapweed: minimizing economic impact research possibilities, pp. 15-21. *In Proc. Knapweed Symposium*, Great Falls, April 3-4, 1984. Bull. 1315, Plant and Soil Sciences Dept. and Coop. Ext. Serv., Montana State Univ., Bozeman, Montana.
- Kelsey, R. G. 1985. Knapweed nutritional composition. *Knapweed Update* 3:1. Plant and Soil Science Dept., Montana State Univ., Bozeman, Montana.
- Kelsey, R. and D. Bedunah. 1989. Ecological significance of allelopathy for *Centaurea* species in the Northwestern United States. *Knapweed* 3:1-3.
- Kelsey, R. G. and L. J. Locken. 1987. Phytotoxic properties of cnicin, a sesquiterpene lactone from *Centaurea maculosa* (spotted knapweed). *J. Chem. Ecol.* 13: 19-33.
- Kelsey, R. G. and R. D. Mihalovich. 1987. Nutrient composition of spotted knapweed (*Centaurea maculosa*). *Journal of Range Management* 40(3): 277-281.
- Kennett, G. A., J. R. Lacey, C. A. Butt, K. M. Olson-Rutz and M. R. Haferkamp. 1992. Effects of defoliation, shading and competition on spotted knapweed and bluebunch wheatgrass. *J. Range Manage.* 45: 363-369.
- Khaniki, G. B. 1995. Meiotic studies on some Iranian *Centaurea* (Compositae). *Cytologia* 60(4): 341-346.
- Kidrishev, T. K. and V. V. Styazhkovoi. 1980. Herbicides for controlling Russian knapweed in Tselinograd Province. *Khimiya v Sel'skom Khozyaistve* 18(11): 24-26.
- Kiemnec, G. and L. Larson. 1991. Germination and root growth of two noxious weeds as affected by water and salt stresses. *Weed Tech.* 5(3): 612-615.
- Kiemnec, G.L. and M.L. McInnis. 1994. Management implications of yellow starthistle adaptations in the Pacific Northwest. *Ecology and Management of Annual Rangelands*. Pp. 83-84.
- Kiemnec, G. L., M. L. McInnis, S. B. Monsen and S. G. Kitchen. 1994. Management implications of yellow starthistle adaptations in the Pacific northwest. *Proceedings Ecology and Management of Annual Rangelands*, USDA Forest Service. 313: 83-84.
- Kim, W. K. and K. Mortensen. 1986. Differentiation of *Puccinia jaceae*, *P. centaureae*, *P. acroptili*, and *P. carthami* by two-dimensional polypeptide mapping. *Canadian Journal of Plant Pathology* 8(3): 233-240.

- Kingsbury, J.M. 1964. Poisonous Plant of the United States and Canada. Pages 396-397. Prentice-Hall, Inc. Englewood Cliffs, New Jersey.
- Klein, M. 1997. [*Isocolus scabiosae* (Hymenoptera: Cynipidae) as an example for population ecology and biotope management.] Populationsökologie und Biotopmanagement am Beispiel der Gallwespe *Isocolus scabiosae* (Hymenoptera: Cynipidae). In Proceedings of the German Society for General and Applied Entomology, Bayreuth, Germany, 18-22 March 1997. Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie 11(1/6): 607-609.
- Klisiewicz, J. M. 1986. Susceptibility of yellow starthistle to selected plant pathogens. Plant Disease 70(4): 295-297.
- Klokov, M. B., D. I. Sonsovskii, N. N. Tsvelev and C. K. Cherepanov. 1963. (*Centaurea*), pp. 370-579. In Flora USSR XXVIII. Moscow and Leningrad.
- Knapp, E.E. and K.J. Rice. 1997. Ecotypes of native species: how local is local in restoration plantings? Proc., California Exotic Pest Plant Council Symposium 3:51-55.
- Kok, L. T., 1989. Biological Control of Weeds in Virginia from 1969-1986, pp. 623-629. In E. S. Delfosse (ed.), Proceedings VII International Symposium Biological Control Weeds, 6-11 March 1988, Rome, Italy. Ist. Sper. Patol. Veg. (MAF).
- Kovalev, O. V. 1973. The use of a biological method of controlling weedy plants. (In Russian) Obz. inform. 749: 32. (Translation: Transl. Bur., Can. Dept. Secretary of State, No. 619707)
- Kovalev, O. V., L. G. Danilov and T. S. Ivanova. 1973. Method of controlling Russian knapweed. (In Russian) Opisanie Izobretenii Kavtorskomu Svidetel'stvu Byull. 38:2. (Translation: Transl. Bur., Can. Dept. Secretary of State, No. 619708)
- Kovalev, O. V., V. G. Shevchenko and L. G. Danilov. 1974. *Aceria acroptiloni* sp. nov. (Acarina, Tetrápodili), a perspective phytophage for the biological control of *Acroptilon repens* L. DC. [in Russian] Entomologicheskoe Obozrenie 53(2): 280-290.
- Kovalev, O. V., V. G. Shevchenko and L. G. Danilov. 1974. The phytophagous mite *Aceria acroptiloni*, sp. n. (Acarina: Tetrápodili), a prospective agent for biological control of Russian knapweed, *Acroptilon repens* (L.). (In Russian) Ent. Oboz. 53(2) :280-290. (also Rev. Appl. Ent. (A) 63: 623)
- Krall, E. L., K. A. Krall, E. Krall and H. Krall. 1976. Experimental acclimatization of *Anguina picridis* in Estonia. VIII Vsesoyuznoe soveshchanie no nematodnym bolezniam sel'skokhozyaistvennykh kul'tur 20-21.
- Krumzdorov, A. M. 1974. The use of dicamba and picloram for the control of Russian knapweed. Izvestiya Timiryazevskoi Sel'skokhozyaistvennoi Akademii 3: 157-163
- Krumzdorov, A. M. 1975. Dicamba metabolism in roots of Russian knapweed. Agrokhimiya 12(2): 130-132.
- Krumzdorov, A. M. 1975. The effectiveness of dicamba against Russian knapweed and its rate of inactivation in relation to times of treatment. Izvestiya Timiryazevskoi Sel'skokhozyaistvennoi Akademii 3: 163-168

- Krumzdorov, A. M. 1976. The effect of picloram and dicamba on Russian knapweed and their residual effects on maize. *Khimiya v Sel'skom Khozyaistve* 14(7): 39-43.
- Krumzdorov, A. M. 1976. The use of Banvel-D [dicamba-dimethylamine] to control Russian knapweed and its residual effect on the yield and quality of maize. *Doklady Vsesoyuznoi Akademii Sel'skokhozyaistvennykh Nauk imeni V* 9: 14-16.
- Kummerow, M. 1992. Weeds in Wilderness: a Threat to Biodiversity. *Western Wildlands* 18(2): 12-17.
- Lacey, C. A. 1985. A weed education program and the biology and control of spotted knapweed (*Centaurea maculosa* Lam.) in Montana. M.S. Thesis, Montana State Univ., Bozeman. 179 p.
- Lacey, C. A. 1989. Knapweed management: A decade of change, pp. 1-6. *In* P.K. Fay and J.R. Lacey (editors), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Mt. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Lacey, C. and P. K. Fay. 1984. Montana's leafy spurge and spotted knapweed awareness program. *Proceedings of the Western Society of Weed Science* 37: 233-239.
- Lacey, C. A., M. B. McKone and D. Bedunah. 1989. Evaluation of clopyralid rate and time of application on spotted knapweed (*Centaurea maculosa* Lam.). *Proceedings of the Western Society of Weed Science* 42: 280-284.
- Lacey, C. A., J. R. Lacey, T. K. Chicoine, P. K. Fay and R. A. French. 1986. Controlling knapweed on Montana rangeland. Montana State University Extension Service, Bozeman. Circular 311.
- Lacey, C. A., J. R. Lacey, P. K. Fay, J. M. Story and D. L. Zamora. 1992. Controlling knapweed on Montana rangeland. Montana State University Extension Service, Bozeman. Circular 311.
- Lacey, C.A., J.R. Lacey, P.K. Fay, J.M. Story and D.L. Zamora. 1998. Controlling knapweed on Montana rangeland. Montana State University Extension Service, Bozeman. Circular 331. 17 p.
- Lacey, J. R. 1983. The knapweed takeover. *Knapweed Update* 1:3. Plant and Soil Science Dept., Montana State Univ., Bozeman, Montana.
- Lacey, J. R. 1989. Knapweed management: a decade of change, pp. 1-6. *In* P.K. Ray and J.R. Lacey (editors), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Mt. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Lacey, J. R. and B.E. Olson. 1991. Environmental and economic impacts of noxious range weeds, pp. 5-16. *In* L.F. James, J.O. Evans, M.H. Ralphs and R.D. Child (eds.), *Noxious Range Weeds*. Westview Press, Boulder, Colorado.
- Lacey, J., P. Husby and G. Handl. 1990. Observations on spotted and diffuse knapweed invasion into ungrazed bunchgrass communities in Western Montana. *Rangelands* 12(1): 30-32.

- Lacey, J. R., C. B. Marlow and J. R. Lane. 1989. Influence of spotted knapweed (*Centaurea maculosa*) on surface runoff and sediment yield. *Weed Tech.* 3: 627-631
- Lacey, J. R., R. K. Olson, M. R. Haferkamp and G. A. Kennett. 1994. Effects of defoliation and competition on total nonstructural carbohydrates of spotted knapweed. *Journal of Range Management* 47(6): 481-484.
- Lacey, J. R., K. M. Olson-Rutz, M. R. Haferkamp and G. A. Kennett. 1994. Effects of defoliation and competition on total nonstructural carbohydrates of spotted knapweed. *J. Range Manage.* 47: 481-484.
- Landau, I., H. Muller-Scharer and P.I. Ward. 1994. Influence of cnicin, a sesquiterpene lactone of *Centaurea maculosa* (Asteraceae), on specialist and generalist insect herbivores. *J. Chem. Ecol.* 20: 929-942.
- Landolt, E. 1999. Contributions to the flora of the city of Zurich. VIII. Dicotyledones 6 (Compositae). *Botan. Helv.* 109(1): 1-20.
- Landonin, V. F. 1968. The effect of *Acroptilon repens* Fisch. on crop plants. *Bot. Zh.* 53: 1305-1308. (Weed Abstr. 18: 818)
- Lang, R. F. and R. D. Richard. 1998. Native parasitoids attacking *Urophora affinis* Frauenfeld (Diptera: Tephritidae), an introduced biological control agent of spotted and diffuse knapweeds (*Centaurea* spp.) in the United States. *Pan-Pacific Entomologist* 74(4): 223-227.
- Lang, R. F., G. L. Piper and E. M. Coombs. 1998. Establishment and redistribution of *Sphenoptera jugoslavica* Obenberger (Coleoptera: Buprestidae) for biological control of diffuse knapweed (*Centaurea diffusa* Lamarck) in the midwestern and western United States. *Pan-Pacific Entomol.* 74:27-31.
- Lang, R. F., R. D. Richard and R. W. Hansen. 1997. *Urophora affinis* and *U. quadrifasciata* (Diptera: Tephritidae) released and monitored by USDA, APHIS, PPQ as biological control agents of spotted and diffuse knapweed. *The Great Lakes Entomologist.* 30: 105-113.
- Lang, R. F., J. M. Story and G. L. Piper. 1996. Establishment of *Larinus minutus* Gyllenhal (Coleoptera: Curculionidae) for biological control of diffuse and spotted knapweed in the western United States. *Pan-Pac. Entomol.* 72: 209-212.
- Lang, Ronald F., Robert D. Richard, Paul E. Parker and Lloyd Wendel. 2000. Release and establishment of diffuse and spotted knapweed biocontrol agents by the USDA, APHIS, PPQ, in the United States. *Pan-Pacific Entomologist* 76(4): 197-218.
- Lanini, W.T., C.D. Thomsen, T.S. Prather, C.E. Turner, J.M. DiTomaso, M.J. Smith, C.L. Elmore, M.P. Vayssieres, and W.A. Williams. 1995. Yellow starthistle. *Pest Notes* 3:1-4.
- Larson, L. 1994. Comparative growth and competition between cheatgrass and yellow starthistle seedlings. *Knapweed* 8:3-4.
- Larson, L. and G. Kiemnec. 1997. Differential germination by dimorphic achenes of yellow starthistle (*Centaurea solstitialis* L.) under water stress. *J. Arid Environ* 37(1): 107 p.
- Larson, L.L. and M. L. McInnis. 1989. Impact of grass seedlings on establishment and density of diffuse knapweed and yellow starthistle. *Northwest Sci.* 63:162-166.

- Larson, L.L. and M. L. McInnis. 1989. Response of yellow starthistle (*Centaurea solstitialis*) and grass biomass to grass, picloram, and fertilizer combinations. *Weed Technology* 3(3): 497-500.
- Larson, L.L. and R.L. Sheley. 1994. Ecological relationships between yellow starthistle and cheatgrass. *Ecology and Management of Annual Rangeland*. Pp. 92-94.
- Larson, L., G. Kiemnec and M. McInnis. 1992. Effects of water and salt stress on yellow starthistle germination and root growth. *Knapweed* 6: 3.
- Larson, L. L., R. L. Sheley, S. B. Monsen and S. G. Kitchen. 1994. Ecological relationships between yellow starthistle and cheatgrass. *Proceedings Ecology and management of annual rangelands, USDA Forest Service* 313: 92-94.
- Larson, K.A. and S. Young. 1970. Nigropallidal encephalomalacia in horses in Colorado. *Amer. Vet. Med. Assoc. J.* 156(5):626-628. [*Centaurea solstitialis*]
- Lass, L.W. and R.H. Callihan. 1994. Fall application of herbicides to yellow starthistle. *Res. Prog. Rep. West. Soc. Weed Sci.* pp. I-39-40.
- Lass, L.W. and R.H. Callihan. 1994. Herbicide evaluation for yellow starthistle control. *Res. Prog. Rep. West. Soc. Weed Sci.* pp. I-41-42.
- Lass, L.W. and R.H. Callihan. 1995. The effects of grass planting time on establishment in yellow starthistle infestations. *Res. Prog. Rep. West. Soc. Weed Sci.* pp. 33.
- Lass, L.W. and R.H. Callihan. 1995. Testing the potential use of quinclorac for yellow starthistle control. *Res. Prog. Rep. West. Soc. Weed Sci.* pp. 31-32.
- Lass, L. W. and D. C. Thill. 2000. Detecting spotted knapweed (*Centaurea maculosa*) With hyperspectral remote sensing technology. presentation at WSSA meeting, Toronto, Feb. 2000. Abstract only.
- Lass, L.W., R.H. Callihan and F.E. Northam. 1993. Effects of winter and spring applied herbicides on picloram resistant yellow starthistle. *Res. Prog. Rep. West. Soc. Weed Sci.* pp. I-102.
- Lass, L.W., R.H. Callihan, and F.E. Northam. 1993. Yellow starthistle control in semiarid annual non-crop grassland. *Res. Prog. Rep. West. Soc. Weed Sci.* pp. I-103-104.
- Lass, L.W., H.W. Carson and R.H. Callihan. 1995. Detecting yellow starthistle with high resolution remote sensing equipment. *Res. Prog. Rep. West. Soc. Weed Sci.* pp. 34-35.
- Lass, L.W., H.W. Carson and R.H. Callihan. 1996. Detection of yellow starthistle (*Centaurea solstitialis*) and common St. Johnswort (*Hypericum perforatum*) with multispectral digital imagery. *Weed Technology* 10:466-474.
- Lass, L.W., B. Shafii, W.J. Price and D.C. Thill. 2000. Assessing agreement in multispectral images of yellow starthistle (*Centaurea solstitialis*) with ground truth data using a Bayesian methodology. *Weed Technology* 14:539-544.
- Lavelle, D. A. 1986. Use and preference of spotted knapweed (*Centaurea maculosa*) by elk (*Cervus elaphus*) and mule deer (*Odocoileus hemionus*) on two winter ranges in western Montana. M.S. Thesis, Univ. Montana, Missoula.
- Lehr, J.H. A Catalogue of the Flora of Arizona. 1978.

- Leppik, L. A. and P. A. Khlebnikov. 1967. Conversion of substances in underground organs of Russian knapweed (*Centaurea repens*) in a monoculture of winter crops grown for silage. (In Russian). Resp. mezhved. Sb. Akad. Nauk. ukr. SSR, Rost Ustoich Rast. 3:147-152. (Weed Abstr. 18: 817)
- Leppla, N.C., and E.G. King. 1996. The Role of Parasitoid and Predator Production in Technology Transfer of Field Crop Biological Control," ENTOMOPHAGA, 41(3-4), 343-360,
- Lesica, P. and J. S. Shelly. 1996. Competitive effects of *Centaurea maculosa* on the population dynamics of *Arabis fecunda*. Bulletin of the Torrey Botanical Club. 123(2): 111-121
- Lindquist, J. L., B. D. Maxwell and T. Weaver. 1996. Potential for controlling the spread of *Centaurea maculosa* with grass competition. Great Basin Naturalist 56: 267-271.
- Lindquist, J. L., P. K. Fay, E. S. Davis and R. G. Lym. 1991. The light requirement of dormant spotted knapweed seeds in soil. Proceedings of the Western Society of Weed Science, Seattle, Washington, 12-14 March 1991, 44: 48-49.
- Locken, L.J. 1985. Cnicin concentrations in spotted knapweed (*Centaurea maculosa* Lam.) and associated soils. M. S. thesis, University of Montana, Missoula.
- Locken, L. J. and R. G. Kelsey. 1987. Cnicin concentrations in *Centaurea maculosa* (spotted knapweed). Biochem. Syst. Ecol. 15:313-320.
- Lorenz, R. J., S. A. Dewey. 1988. Noxious weeds that are poisonous. The ecology and economic impact of poisonous plants on livestock production, pp. 309-336. In L.F. James, J.O. Evans, M.H. Ralphs, and R.D. Child (eds.), Noxious Range Weeds. Westview Press, Boulder, Colorado.
- Losensky, B. J. 1987. An evaluation of noxious weeds on the Lolo, Bitterroot and Flathead Forests with recommendations for implementing a weed control program. Lolo Natl. For., Missoula, Mont. 64pp.
- Lym, R. G., P. M. Bultsma and D. E. Peterson. 1988. Spotted knapweed (*Centaurea maculosa* Lam.). W-842 (revised). NDSU Extension Service, North Dakota State University, Fargo, ND. 2 p.
- Macoun, J. 1890. Catalog of Canadian Plants 5:336.
- MacRoberts, D.T. A Documented Checklist and Atlas of the Vascular Flora of Louisiana. 1988.
- Maddox, D. M. 1977. The economic importance of diffuse and spotted knapweed in the western United States, pp. 271-275. In Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B.C., Canada.
- Maddox, D. M. 1979. The knapweeds: Their economics and biological control in the western states, U.S.A. Rangelands 1(4): 139-143.
- Maddox, D.M. 1981. Introduction, phenology and density of yellow starthistle in coastal, intercoastal, and central valley situations in California. ARR-W-20, pp. 1-33. USDA-ARS.
- Maddox, D. M. 1982. Biological control of diffuse knapweed (*Centaurea diffusa*) and spotted knapweed (*Centaurea maculosa*). Weed Sci. 30: 76-82.

- Maddox, D. M. and A. Mayfield. 1985. Yellow starthistle infestations are on the increase. *California Agriculture* 39(11-12): 10-12.
- Maddox, D. M. and R. Sobhian. 1987. Field experiment to determine host specificity and oviposition behavior of *Bangasternus orientalis* and *Bangasternus fausti* (Coleoptera: Curculionidae), biological control candidates for yellow starthistle and diffuse knapweed. *Environ. Entomol.* 16: 645-648.
- Maddox, D. M., A. Mayfield and N. H. Poritz. 1985. Distribution of yellow starthistle (*Centaurea solstitialis*) and Russian knapweed (*Centaurea repens*). *Weed Sci.* 33: 315-327.
- Maddox, D. M., A. Mayfield and C. E. Turner. 1990. Host specificity of *Chaetorellia australis* (Diptera: Tephritidae) for biological control of yellow starthistle (*Centaurea solstitialis*, Asteraceae). *Proceedings of the Entomological Society of Washington* 92(3): 426-430.
- Maddox, D. M., D. B. Joley, A. Mayfield, B. E. Mackey. 1991. Impact of *Bangasternus orientalis* (Coleoptera: Curculionidae) on achene production of *Centaurea solstitialis* (Asterales: Asteraceae) at a low and high elevation site in California. *Environ. Entomol.* 20(1): 335-337.
- Maddox, D. M., D. B. Joley, D. M. Supkoff and A. Mayfield. 1996. Pollination biology of yellow starthistle (*Centaurea solstitialis*) in California. *Can. J. Bot.* 74: 262-267.
- Maddox, D. M., R. Sobhian, D. B. Joley, A. Mayfield and D. Supkoff. 1986. New biological control for yellow starthistle. *California Agriculture* 40(11-12): 4-5.
- Manojlovic, B., M. Maceljiski, J. Igrc, V. Zlof, R. Sekulic, B. Talosi, and T. Keresi. 1989. The entomofauna complex registered on *Centaurea solstitialis* in Yugoslavia. *Zastita bilja* (Beograd) 40(3) Broj. 189: 251-271.
- Marcus, W. A., G. Milner and B. Maxwell. 1998. Spotted knapweed distribution in stock camps and trails of the Selway-Bitterroot Wilderness. *Great Basin Naturalist* 58: 156-166.
- Marikovskii, M. and A. Ivannikov. 1970. *Acroptilon picris* need not be in pastures. (In Russian). *Luga Pastbishcha* 1970(3): 26. (Weed Abstr. 20: 2602)
- Marler, M. J., C. A. Zabinski and R. M Callaway. 1999. Mycorrhizae indirectly enhance competitive effects of an invasive forb on a native bunchgrass. *Ecology* 80: 1180-1186.
- Marler, M. J., C. A. Zabinski, T. Wojtowicz, and R. M. Callaway. 1999. Mycorrhizae and fine root dynamics of *Centaurea maculosa* and native bunchgrasses in western Montana. *Northwest Sci.* 73(3): 217-224.
- Marquardt, K. 1989. [Biology, ecology and host cycle of *Chaetorellia acrolophi* White and *Terellia virens* (Loew) (Diptera: Tephritidae), two potential condidates for the biological control of *Centaurea maculosa* Lam. and *C. diffusa* Lam. (Asteraceae) in North America.] *Biologie, Okologie und Wirtskreis von Chaeteorellia acrolophi* White und *Terellia virens* (Loew) (Diptera: Tephritidae), zwei potentiellen Kandidaten fur die biologische Bekampfung von *Centaurea maculosa* Lam. und *C. diffusa* Lam. (Asteraceae) in Nordamerika. Thesis (Ph.D), Christian Albrechts Universitat, West Germany.
- Marquardt, K. 1988. *Terellia virens* (Loew.) and *Chaetorellia* spec. nov. (Dipt., Tephritidae), two new candidates for the biological control of *Centaurea maculosa* Lam. and *C. diffusa*

- Lam. (Compositae) in North America. *Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie* 6(4-6): 306-310.
- Martin, A.A., F.G. Yanarella, R.A. Maurel and J. Ruager. 1971. Nigropallidal encephalomalacia in horses provoked by chronic intoxication with yellow star thistle (*Centaurea solstitialis*). *Analecta Vet.* 3(1/3):43-53.
- Marsden-Jones, E. M. and W. B. Turrill. 1954. *British Knapweeds. A Study in Synthetic Taxonomy.* Royal Society, London, 201 pp.
- Martin, A. A.; F. G. Yanarella; R. A. Maurel; J. Ruager. 1971. Nigropallidal encephalomalacia in horses provoked by chronic intoxication with yellow star thistle (*Centaurea solstitialis*). *Analecta Vet* (1/3).
- Martin, Alexander C., Herbert S. Zim and Arnold L. Nelson. 1951. *American Wildlife and Plants: A guide to wildlife food habits: the use of trees, shrubs, weeds, and herbs by birds and mammals of the United States.* Dover Publications, Inc., New York.
- Martin, W.C. and C.R. Hutchins. *A Flora of New Mexico.* 1980.
- Masey, A.B. *Virginia flora.* 1961. Virginia Agricultural Experiment Station, Tech. Bull. No. 155. 258 pp.
- Mass, F.H. 1985. The knapweed-spurge invasion in Montana and the inland Northwest. *Western Wildlands* 10(4): 14-19.
- Maw, M. and A. K. Watson. 1980. The biology of Canadian weeds. 43. *Acroptilon (Centaurea) repens* (L.) DC. *Canadian Journal of Plant Science* 60(3): 993-1004.
- Maxwell, B. D.; R. L. Sheley. 1997. Noxious weed population dynamics education model. *Weed Technology* 11(1): 182-188.
- Maxwell, J. F., R. Drinkwater, D. Clark and J. W. Hall. 1992. Effect of grazing, spraying, and seeding on knapweed in British Columbia. *J. Range Manage.* 45: 180-182.
- Maymó, A.C.; Cervera, A.; Garcerá, M.D.; R. Martínez. 1999. Sesquiterpene-related compounds as endocrine disrupters in *Oncopeltus fasciatus*, and potential reduced glutathione synthesis modifiers. *Sci. Total Envir.* 233(1-3): 163-166.
- Mays, W. T. and L. T. Kok. 1996. Establishment and dispersal of *Urophora affinis* (Diptera: Tephritidae) and *Metzneria paucipunctella* (Lepidoptera: Gelechiidae) in southwestern Virginia. *Biological Control.* 6: 299-305.
- McCaffrey, J. P. and R. H. Callihan. 1988. Compatibility of picloram and 2,4-D with *Urophora affinis* and *U. quadrifasciata* (Diptera: Tephritidae) for spotted knapweed control. *Environmental Entomology* 17(5): 785-788.
- McCaffrey, J. P. and L.M. Wilson. 1994. Assessment of biological control of exotic broadleaf weeds in Intermountain rangelands. *Ecology and Management of Annual Rangelands.* pp. 101-102.
- McCaffrey, J. P., J. B. Johnson and G. S. Wheeler. 1985. Effects of duration of low temperature exposure on post-diapause development of overwintering *Urophora affinis* and *U. quadrifasciata*, p. 445. In E. S. Delfosse (ed.), *Proceedings VI International Symposium on Biological Control of Weeds, 19-25 August 1984, Vancouver, Canada.* Agriculture Canada.

- McCaffrey, J. P., E. A. Vogt and J. B. Johnson. 1994. Effects of adult diet on longevity of *Urophora affinis* and *U. quadrifasciata* (Diptera: Tephritidae). *Environ. Entomol.* 23: 623-628.
- McCaffrey, J. P.; L. M. Wilson; S. B. Monsen; S. G. Kitchen. 1994. Assessment of biological control of exotic broadleaf weeds in intermountain rangelands. *Proceedings Ecology and management of annual rangelands -USDA-Forest-Service.* 1994, No. INT-313, 101-102; 9 ref.: No-313, 101.
- McCaffrey, J. P., R. P. Wight, R. L. Stoltz, R. H. Callihan and D. W. Kidder. 1988. Collection and redistribution of biological control agents of diffuse and spotted knapweed. *Extension Bulletin 680, University of Idaho Cooperative Extension System, Moscow*
- McFadyen R E C. 1998. Biological control of weeds. *Annual Review of Entomology* 43: 369-393.
- McGregor, R. L., T. M. Barkley, R. E. Brooks and E. K. Schofield (eds.). 1986. *Flora of the Great Plains.* Great Plains Flora Association. University Press of Kansas, Lawrence, Kansas. 1392 p.
- McGregor, R.L. et al. *Atlas of the Flora of the Great Plains.* 1977.
- McGregor, R. L. 1986. *Centaurea*, pp. 898-901. *In* McGregor, R. L., T.M. Barkley, R.E. Brooks, and E.K. Schofield (eds.), *Flora of the Great Plains.* Great Plains Flora Association. University Press of Kansas, Lawrence, Kansas. 1392 p.
- McHenry, W.B., R.B. Bushnell, M.N. Oliver and R.F. Norris. 1990. Three poisonous plants common in pastures and hay. Leaflet No. 21483, 10 pp. Cooperative Extension, University of California. Publication.
- Medley, Max E. *An Annotated Catalogue of the Known or Reported Vascular Flora of Kentucky* 1993. PhD Dissertation, University of Louisville.
- Mei, S. and K. Ritland. 1998. Mating system of yellow starthistle (*Centaurea solstitialis*), a successful colonizer in North America. *Heredity* 80(2): 225-232.
- Merrill, G. B. 1989. Eupatoriochromene and enecalinal, plant growth regulators from yellow starthistle (*Centaurea solstitialis* L.). *Journal of Chemical Ecology* 15(7): 2073-2087.
- Merrill, G. B. and K. L. Stevens. 1985. Sesquiterpene lactones from *Centaurea solstitialis*. *Phytochemistry*: 24: 2013-2018.
- Mettler, F.A. and G.M. Stern. 1963. Observations on the toxic effects of yellow star thistle. *Journal of Neuropathology and Experimental Neurology* 22:164-169.
- Meyers, J. H. and P. Harris. 1980. Distribution of *Urophora* galls in flower heads of diffuse and spotted knapweed in British Columbia. *J. Appl. Ecol.* 17: 359-367.
- Mikhno, A. N., F. L. Kalinin and B. R. Vyblou. 1979. The destruction with Tordon of Russian knapweed growing in patches. *Khimiya v Sel'skom Khozyaistve* 17(6): 39-42.
- Mikhno, A. N., F. L. Kalinin and L. A. Lesnevich. 1977. Comparative anatomical characteristics of *Acroptilon picris* (Pall.) Fisch. et Mey. [= *Centaurea repens*] forms in relation to their different sensitivities to picloram. *Ukrain'skii Botanichnii Zhurnal* 34(6): 573-576.

- Mikhno, A. N., F. L. Kalinin and L. A. Lesnevich. 1978. Anatomical changes induced by picloram in plants of *Acroptilon picris* (Pall.) Fisch. et Mey. *Botanicheskii Zhurnal* 63(11): 1632-1635.
- Miller, R. V., E. J. Ford, N. J. Zidack and D. C. Sands. 1989. A pyrimidine auxotroph of *Sclerotinia sclerotiorum* for use in biological weed control. *Journal of General Microbiology* 135(7): 2085-2091.
- Miller, T.W., S.L. Shinn, R.H. Callihan, L.W. Lass and D.C. Thill. 1998. Livestock trampling of grass seedlings for enhanced establishment on yellow starthistle-infested rangelands. *Proc., Western Society of Weed Science* 51:114-116.
- Milner, G. M. 1995. The relationships between disturbances in stock camps and the occurrence of spotted knapweed (*Centaurea maculosa*) in the Selway-Bitterroot Wilderness in Montana and Idaho. M. S. Thesis. Montana State University, Bozeman, Montana. 83 p.
- Mitchell, R.S. ed. A Checklist of New York State Plants. 1986. Contributions of a Flora of New York State, Checklist III. New York State Bulletin No. 458
- Mitich, L. W. 1988. Intriguing World of Weeds: Thistles II: *Sonchus* and *Centaurea*. *Weed Tech.* 2(3): 380-381.
- Monya, M.; Sabau, M.; Racz, G. 1968. Die antibiotische Wirkung von Auszugen aus *Centaurea*-Arten. *Planta Med.* 16: 58-62.
- Mooers, Gloria B. 1986. Relationship of Critical Environmental Factors to the Success of Spotted Knapweed (*Centaurea maculosa* L.) in Western Montana. M.S. thesis, University of Montana, Missoula.
- Moore, R. J. 1972. Distribution of native and introduced knapweeds (*Centaurea*) in Canada and the United States. *Rhodora* 74: 331-346.
- Moore, R. J. and C. Frankton. 1954. Cytotaxonomy of three species of *Centaurea* adventive in Canada. *Can. J. Bot.* 32: 182-186.
- Moore, R. J. and C. Frankton. 1974. The thistles of Canada. Research Branch, Canada Department of Agriculture. Monogr. No. 10. Information Canada, Ottawa. 111 p.
- Mordovets, A. A., I. D. Chernyshev and V. P. Ignatenko. 1972. The reaction of Russian knapweed plants to root cutting at different depths. *Sel'skokhozyaistvennaya Biologiya* 7(2): 299-300.
- Mordovets, A. A. and V. V. Golovin. 1974. The residual effect of herbicides, used against Russian knapweed, on the principal field crops. *Khimiya v Sel'skom Khozyaistve* 12(8): 602-603.
- Mordovets, A. A. and V. V. Golovin. 1976. Control of *Acroptilon repens* under irrigated conditions. *Zashchita Rastenii* No.12: 48-49.
- Mordovets, A. A. and V. V. Golovin. 1983. Application of herbicides before chisel ploughing as a factor in increasing the effectiveness of herbicide mixtures against *Centaurea repens*. *Agrokhiimiya* No.4, 113-117.
- Morghan, K. J. R. and T. R. Seastedt. 1999. Effects of soil nitrogen reduction on nonnative plants in restored grasslands. *Restor. Ecol.* 7(1): 51-55.

- Morris, M. S. and D. Bedunah. 1984. Some observations on the abundance of spotted knapweed (*Centaurea maculosa* Lam.) in western Montana, pp. 77-81. In Proc. knapweed symposium, Bull. 1315, April 3-4, Great Falls, Mont. Plant and Soil Sci. Dep. and Coop. Extension Serv., Montana State Univ., Bozeman.
- Mortensen, K. 1985. Reaction of safflower cultivars to *Puccinia jaceae*, a potential biocontrol agent for diffuse knapweed, p. 447-452. Proceedings of the VI International Symposium on Biological Control of Weeds.
- Mortensen K, Harris P and Kim WK. 1991. Host ranges of *Puccinia jaceae*, *P. centaureae*, *P. acroptili*, and *P. carthami*, and the potential value of *P. jaceae* as a biological control agent for diffuse knapweed (*Centaurea diffusa*) in north America. Canadian-Journal-of-Plant-Pathology 13(1): 71-80.
- Mortenson, K., P. Harris, and R.M.D. Makowski. 1989. First occurrence of *Puccinia jaceae* var. *diffusae* in North America on diffuse knapweed (*Centaurea diffusa*). Canadian Journal of Plant Pathology 11: 322-324.
- Morrison, R. G., N. K. Lownds and T. M. Sterling. 1995. Picloram uptake, translocation, and efficacy in relation to water status of Russian knapweed (*Acroptilon repens*). Weed Science 43(1): 34-39.
- Mortensen, K. and M. M. Molloy. 1989. Fungi detected on *Acroptilon repens* (Russian knapweed) during surveys from 1981 to 1988. Canadian Plant Disease Survey 69(2): 143-145.
- Mortensen, K., P. Harris and R. D. Makowski. 1989. First occurrence of *Puccinia jaceae* var. *diffusae* in North America on diffuse knapweed (*Centaurea diffusa*). Canadian Journal of Plant Pathology 11(3): 322-324.
- Mortensen, K., P. Harris and W. K. Kim. 1991. Host ranges of *Puccinia jaceae*, *P. centaureae*, *P. acroptili*, and *P. carthami*, and the potential value of *P. jaceae* as a biological control agent for diffuse knapweed (*Centaurea diffusa*) in north America. Canadian Journal of Plant Pathology 13(1): 71-80.
- Mortimer, SR; Van der Putten, WH; Brown, VK. 1999. Insect and nematode herbivory below ground: interactions and role in vegetation succession. HERBIVORES: BETWEEN PLANTS AND PREDATORS, 205-238.
- Moschetti, C.; A. E. Dell'. 1980. Considerations and results obtained in the production of lucerne seed in the Bonaerense Valley of the river Colorado. IDIA No.391-392, 78-87.: 78-87.
- Muir, A. D. and W. Majak. 1983. Allelopathic potential of diffuse knapweed (*Centaurea diffusa*) extracts. Can. J. Plant Sci. 63: 989-996.
- Muir, A. D., W. Majak, F. Balza and G. H. Towers. 1987. A search for the allelopathic agents in diffuse knapweed. A C S Symp. Ser. Am. Chem. Soc. (22): 238-246.
- Müller, H. 1980. Annual project statement. *Pelochrista medullana* against diffuse knapweed. CIBC, Delémont, Switzerland.
- Muller, H. 1983. Investigations on the suitability of *Stenodes straminea* Haw. (Lep. Cochylidae) for the biological control of *Centaurea maculosa* Lam. (spotted knapweed) (Compositae) in

- Canada. Mitteilungen der Schweizerischen Entomologischen Gesellschaft 56(3-4): 329-342.
- Müller, H. 1983. Untersuchungen zur Eignung von *Stenodes straminea* Haw. (Lep. Cochyliidae) für die biologische Bekämpfung von *Centaurea maculosa* Lam. (Gefleckte Flockenblume) (Compositae) in Kanada. Bulletin de la Societe Entomologique Suisse 56: 329-342.
- Müller, H. 1984. Die strukturanalyse der Wurzelphtophagenkomplexe von *Centaurea maculosa* Lam. und *C. diffusa* Lam. (Compositae) in Europa und Interaktionen zwischen wichtigen Phytophagenarten und ihren Wirtspflanzen. Inauguraldissertation der Philosophisch-naturwissenschaftlichen Fakultät der Universität Bern. 163 p.
- Müller, H. 1987. Preliminary notes on the use of glass-faced boxes as a tool to study root/herbivore interactions, p. 405. In V. Laberyrie, G. Fabres, and D. Lachaise (eds.) Insects-plants. W. Junk Publishers, Dordrecht, The Netherlands.
- Müller, H. 1989. An experimental and phytocentric approach for selecting effective biological control agents: insects on spotted and diffuse knapweed, *Centaurea maculosa* and *C. diffusa* (Compositae), pp. 181-190. In E. S. Delfosse (ed.), Proc. VII. Int. Symposium on Biological Control of Weeds, 6-11 March 1988, Rome, Italy.
- Müller, H. 1989. Growth pattern of diploid and tetraploid spotted knapweed, *Centaurea maculosa* Lam. (Compositae), and effects of the root-mining moth *Agapeta zoegana* (L.) (Lep.: Cochyliidae). Weed Research 29(2): 103-111.
- Müller, H. 1989. Structural analysis of the phytophagous insect guilds associated with the roots of *Centaurea maculosa* Lam. *C. diffusa* Lam., and *C. vallesiaca* Jordan in Europe: 1. Field observations. Oecologia 78: 41-52.
- Müller, H. 1990. An experimental and phytocentric approach for selecting effective biological control agents: Insects on spotted and diffuse knapweed, *Centaurea maculosa* and *C. diffusa* (Compositae), pp. 181-190. In Delfosse, E.S. 1st (editor) Proc. VII Int. Symposium on Biological Control of Weeds. 6-11 March 1988, Rome, Italy
- Müller, H. and D. Schroeder. 1982. Investigations on *Agapeta zoegana* L. (Lep. Cochyliidae), a possible biocontrol agent of spotted knapweed, *Centaurea maculosa* Lam. (Compositae) in Canada. Final Report, Commonw. Inst. Biol. Cont., Delemont
- Müller, H. and D. Schroeder. 1989. The biological control of diffuse and spotted knapweed in North America: What did we learn?, pp. 151-169. In P. K. Fay and J. R. Lacey (eds), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Mt. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Müller, H., D. Schroeder and A. Gassmann. 1988. *Agapeta zoegana* (L.) (Lepidoptera: Cochyliidae), a suitable prospect for biological control of spotted and diffuse knapweed, *Centaurea maculosa* Monnet de la Marck and *C. diffusa* Monnet de la Marck (Compositae) in North America. Can. Entomol 120: 109-124.
- Müller, H., C. S. A. Stinson, K. Marquardt and D. Schroeder. 1989. The entomofaunas of roots of *Centaurea maculosa* Lam., *C. diffusa* Lam., and *C. vallesiaca* Jordan in Europe: Niche separation in time and space. Journal of Applied Entomology 107: 83-95.

- Muller-Scharer, H. 1991. The impact of root herbivory as a function of plant density and competition: survival, growth and fecundity of *Centaurea maculosa* in field plots. *J. Applied Ecol.* 28:759-776.
- Muller-Scharer, H. and D. Schroeder. 1993. The biological control of *Centaurea* spp. in North America: Do insects solve the problem? *Pestic. Sci.* 37:343-353.
- Muller-Schaerer, H., C. Lehr, M. Klein and K. Marquardt. 1991. Gel-electrophoretic description of European populations of *Terellia virens* (Loew) (Diptera: Tephritidae): Implications for its use as an agent for the biological control of *Centaurea* spp. (Asteraceae) in North America. *Experientia* (Basel) 47: 859-864.
- Muller-Scharer, H., T. M. Lewinsohn, J. H. Lawton. 1991. Searching for weed biocontrol agents: when to move on? *Biocontrol science and technology* 1(4): 271-280.
- Mullin, B. H. 1992. Meeting the invasion: integrated weed management. in *Western Wildlands*.
- Mullin, B. H. and P. Kountz. 1993. Noxious weeds in Montana. a color brochure on Montana's category one noxious weeds.
- Mullin, B.H., L.W.J. Anderson, J.M. DiTomaso, R.E. Epliee and K.D. Getsinger. 2000. Invasive plant species. Council for Agricultural Science and Technology. Issue Paper. No. 13, 18 pp.
- Muminov, M. M. 1967. On the biology of Russian knapweed (*Acroptilon picris* C.A.M.). (In Russian). *Ispol'z rastist. Resursov i Povysh. Productivn. Kul't. Rast.* Taskent. 81-85. (Weed Abstr. 17: 2811)
- Muminov, M. M. 1969. Rust against Russian knapweed. (In Russian). *Zashch. Rast.* 14:47. (Weed Abstr. 18: 2356)
- Munz, P.A. and D.D. Keck *A California flora.* 1959.
- Musiyaka, V. K. and F. L. Kalinin. 1975. Morphological and anatomical changes in *Acroptilon picris* (Pall.) Cam. [= *Centaurea repens*] under the influence of picloram. *Ukrain'skii Botanichnii Zhurnal* 32(4): 489-497.
- Myers, J. H. and D. Berube. 1983. Diffuse knapweed invasion into rangeland in the dry interior of British Columbia. *Canadian Journal of Plant Science* 63: 981-987.
- Myers, J. H. and P. Harris. 1980. Distribution of *Urophora galls* in flower heads of diffuse and spotted knapweed in British Columbia. *J. Appl. Ecol.* 17:359-367.
- Myers, J. H. and S. Ockenden. 1977. *Metzneria paucipunctella* as a potential biological control agent of spotted knapweed in Westwold, British Columbia, pp. 132-134. *In Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977.* Brit. Colum. Ministry of Agric., Victoria, B.C., Canada.
- Myers, J. H., C. Risley and R. Eng. 1989. The ability of plants to compensate for insect attack: why biological control of weeds with insects is so difficult, pp. 67-73. *In E. S. Delfosse (ed.), Proc. VII. Int. Symp. Biol. Contr. Weeds, 6-11 March 1988, Rome, Italy.*
- National Research Council Canada No. 13684. 1974. Picloram: the effects of its use as an herbicide on environmental quality. Subcommittee on Pesticides and Related Compounds Report No. 1. Ottawa, Canada.
- Nelson, J. C. 1917. The introduction of foreign weeds in ballast as illustrated by ballast-plants at Linnton, Oregon. *Torreyia* 17: 151-160.

- Nickle, W. R. 1981. Nematodes with potential for biological control of insects and weeds, pp. 181-199. *In* Biological control in crop production, Beltsville Symposia in Agricultural Research No. 5.
- Nobile, R. A.; V. S. Lujan. 1989. Description and illustration of the seeds of prescribed agricultural weeds in Argentina. *Malezas* 17(1): 63-70.
- Nolan, D. O. and M. K. Upadhyaya. 1988. Primary seed dormancy in diffuse and spotted knapweed. *Can. J. Plant Sci.* 68:775-783.
- Northam, F.E. and R.H. Callihan. 1988. Adaptation of selected grasses to a semi-arid yellow starthistle infested site. *Res. Prog. Rep. West. Soci. Weed Sci.* Pp. 64-67.
- Northam, F.E. and R.H. Callihan. 1988. Perennial grass response to environment and herbicides in a yellow starthistle site. *Proc., West. Soc. Weed Sci.* 41:84-86.
- Northam, F.E. and R.H. Callihan. 1988. Yellow starthistle presence in 29 month-old stands of eight grasses. *Res. Prog. Rep. West. Soc. Weed Sci.* Pp. 60-63.
- Northam, F.E. and R.H. Callihan. 1989. The effects of herbicides on the species composition of an annual weed community. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 112-115.
- Northam, F.E. and R.H. Callihan. 1990. Evaluation of soil conservation plant materials for herbicide tolerance and revegetating semi-arid land infested with yellow starthistle. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 75-78.
- Northam, F.E. and R.H. Callihan. 1990. Grass adaptation to semi-arid, yellow starthistle infested canyonland. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 79-82.
- Northam, F.E. and R.H. Callihan. 1991. Effects of herbicides on yellow starthistle density and vegetation biomass components of a rangeland yellow starthistle weed community. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 43-46.
- Northam, F.E. and R.H. Callihan. 1994. Interpreting germination results based on differing embryonic emergence criteria. *Weed Science* 42:474-481.
- Northam, F. E., R. R. Old, and R. H. Callihan. 1984. New weed species and potential weed problems identified in northern Idaho during 1984. *Idaho Weed Control Rept.* University of Idaho, Moscow.
- Northam, F. E., T. S. Prather and R. H. Callihan. 1989. Viability and germination of buried yellow starthistle seed. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 124-126.
- Nowierski, R. M. 1985. A new era of biological weed control in the western United States, pp. 811-815. *In* E. S. Delfosse (ed.), *Proceedings VI International Symposium on Biological Control of Weeds*, 19-25 August 1984, Vancouver, Canada. Agriculture Canada.
- Nowierski, R. M. and J. M. Story. 1988. Numerical sampling plans for *Urophora affinis* and *U. quadrifasciata*, two introduced seed head flies on spotted knapweed. *Montana AgResearch, Mont. Agric. Exp. Stn., Bozeman.* 5(3): 17-20.
- Nowierski, R. M., J. M. Story and R. E. Lund. 1987. Two-level numerical sampling plans and optimal subsample size computations for *Urophora affinis* and *Urophora quadrifasciata* (Diptera: Tephritidae) on spotted knapweed. *Environmental Entomology* 16(4): 933-937.
- Nyarady, E. I. 1964. *Flora Republicae Popularis Romanicae*, vol. 9. *Acad. Repub. Pop. Rom.*

- Obermaier, E; Zwolfer, H. 1999. Plant quality or quantity? Host exploitation strategies in three Chrysomelidae species associated with Asteraceae host plants. *Entomol. Exp. Appl.*, 92(2): 165-177.
- Ochsmann, J. 1997. Ein Bestand von *Centaurea x Psammogena* Gáyér (*Centaurea diffusa* Lam. x *Centaurea stoebe* L.) am nsg Sonnenstein (Thüringen). *Floristische Rundbriefe* 31(2): 118-125. [Gr,en]
- Ochsmann, J. 1999. Chromosomenzahlen einiger europäischer *Centaurea*-Sippen. *Haussknechtia* 7: 59-65.
- Ochsmann, J. 2000. Morphologische und molekularsystematische Untersuchungen an der *Centaurea stoebe* L.-Gruppe (Asteraceae-Cardueae) in Europa. *Dissertationes Botanicae* Band 324. 242 p.
- Ochsmann, J., N. Biermann, H. Knüpffer and K. Bachmann. 1999. What is the American *Centaurea maculosa*? XVI International Botanical Congress, Saint Louis, summer 1999. Abstract Number: 5003, Poster No. 372.
- Olkowski, H. and W. Olkowski. 1992. Using animals for weed management. *Common Sense Pest Control Quarterly* 8(2):5-13.
- Olson, B.E. 1999. Grazing and weeds, pp. 85-96. In R.L. Sheley and J.K. Petroff, eds., *Biology and Management of Noxious Rangeland Weeds*. Oregon St. Univ. Press, Corvallis.
- Olson, B. E. and R. G. Kelsey. 1997. Effect of *Centaurea maculosa* on sheep rumen microbial activity and mass in vitro. *J. Chem. Ecol.* 23: 1131-1144.
- Olson, B. E. and J. R. Lacey. 1994. Sheep: a method for controlling rangeland weeds. *Sheep Research Journal* Special issue (105-112).
- Olson, BE. Wallander RT (1997) Sheep utilization of spotted knapweed and Idaho fescue. *J Range Manage* - in prep
- Olson, B. E. and R. T. Wallander. 1997. Biomass and carbohydrates of spotted knapweed and Idaho fescue after repeated grazing. *J. Range Manage.* 50: 409-412.
- Olson, B. E., R. T. Wallander and J. R. Lacey. 1997. Effects of sheep grazing on a spotted knapweed-infested Idaho fescue community. *J. Range Manage.* 50: 386-390.
- Ou, X. and A. K. Watson. 1992. In vitro culture of *Subanguina picridis* in *Acroptilon repens* callus, excised roots and shoot tissues. *Journal of Nematology* 24(1): 199-204.
- Ou, X and A. K. Watson. 1993. Effects of temperature, shoot age and medium on gall induction by *Subanguina picridis* in vitro. *Journal of Nematology* 25(1): 95-100.
- Ou, X. and A. K. Watson. 1993. Mass culture of *Subanguina picridis* and its bioherbicidal efficacy on *Acroptilon repens*. *Journal of Nematology* 25(1): 89-94.
- Ownbey, G.B. and T. Morley. *Vascular Plants of Minnesota. A Checklist and Atlas*. 1991.
- Palm, M. E., R. D. Richard and P. Parker. 1992. First report of *Puccinia jaceae* var. *diffusa* on diffuse knapweed in the United States. *Plant Disease* 76: 972
- Palm, M. E. and S. G. Vesper. 1991. Russian knapweed rust caused by *Puccinia acroptili* in New Mexico. *Plant Disease* 75(10): 1075
- Panter, K.E. 1990. Toxicity of knapweed in horses. *Knapweed* 4:3-4.

- Panter, K. E. 1991. Neurotoxicity of the Knapweeds (*Centaurea* Spp.) in Horses, pp. 316-324. In L.F. James, J.O. Evans, M.H. Ralphs, and R.D. Child (eds.), Noxious Range Weeds. Westview Press, Boulder, Colorado.
- Park, S. H. 1992. Mode of action of maculosin, a host-specific phytotoxin, produced by *Alternaria alternata* on spotted knapweed (*Centaurea maculosa* L.). M. S. Thesis. Montana State University, Bozeman. 101 p.
- Park, S. H. and G. A. Strobel. 1994. Cellular protein receptors of maculosin, a host specific phytotoxin of spotted knapweed (*Centaurea maculosa* L.). *Biochimica et Biophysica Acta, General Subjects* 1199(1): 13-19.
- Park, S. H., A. Stierle and G. A. Strobel. 1994. Metabolism of maculosin, a host-specific phytotoxin produced by *Alternaria alternata* on spotted knapweed (*Centaurea maculosa*). *Phytochemistry* 35:101-106.
- Pearson, D. E., K. S. McKelvey and L. F. Ruggiero. 2000. Non-target effects of an introduced biological control agent on deer mouse ecology. *Oecologia* 122: 121-128.
- Peck, M.E. A manual of the higher plants of Oregon. Second edition. 1961.
- Pemberton, R. W.; D. W. Irving. 1990. Elaiosomes on weed seeds and the potential for myrmecochory in naturalized plants. *Weed Science* 38(6): 615-619.
- Penhallegon, R. H. 1983. A pilot weed survey program for the state of Washington. M.S. Thesis, ACE, Washington State Univ., Pullman, Washington.
- Peschken, D.P. 1979. Biologische Unkrautbekämpfung in Kanada mit hilfe von Insekten und Nematoden. *Zeitschrift fuer Angewandte Entomologie* 88: 1-16.
- Petney, T. N. 1988. Influence of insect attack on reproductive potential of thistle species in Jordan. *Entomol. Gener.* 14(1): 25-35.
- Petney, T. N. 1988. Influence of Insect Attack on Reproductive Potential of Thistle Species in Jordan. *Entomol. Gener.* 14(1): 25-35.
- Piper, G.L. 1985. Biological control of weeds in Washington: status report, pp. 817-826. In E. S. Delfosse (ed.), Proceedings VI International Symposium on Biological Control of Weeds, 19-25 August 1984, Vancouver, Canada. Agriculture Canada.
- Piper, G. L. 1989. Release of *Sphenoptera jugoslavica* on diffuse knapweed infestations bordering highway rights-of-way in Eastern Washington, pp. 175-179. In P. K. Fay and J. R. Lacey (editors), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Piper, G. L. and S. S. Rosenthal. 1995. Diffuse knapweed, pp. 237-241. In J. R. Nechols, L. A. Andres, J. W. Beardsley, R. D. Goeden and C. G. Jackson (eds.), Biological Control in the Western United States. Accomplishments and benefits of Regional Research Project W-84, 1964-1989. University of California, Division of Agriculture and Natural Resources, Oakland. Publication 3361.
- Pitcairn, M. J. 1999. Advancements in biological control of weed species via insects and fungi. *Proc., Forest Vegetation Management Conference* 20:60-63.

- Pitcairn, M. J and J. M. DiTomaso. 2000. Rangeland and uncultivated areas: integrating biological control agents and herbicides for starthistle control, pp 65-72. *In* M. S. Hoddle (ed.), California Conference on Biological Control II.
- Pitcairn, M. J. and J. M. DiTomaso and J. Fox. 1999. Integrating chemical and biological control methods for control of yellow starthistle, pp. 77-82. *In* D.M. Woods, ed., Biological Control Program Annual Report, 1998. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Pitcairn, M. J., J. M. DiTomaso and V. Popescu. 2000. Integrating chemical and biological control methods for control of yellow starthistle, pp. 58-61. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1999. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Pitcairn M. J., D. B. Joley, D. M. Woods and V. Popescu. 1998. Impact of *Chaetorellia succinea* on yellow starthistle, *Centaurea solstitialis*, p. 57. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1997. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Pitcairn, M. J., R. A. O'Connell and J. M. Gendron. 1998. Yellow starthistle: survey of statewide distribution, pp. 64-66. *In* D. M. Woods, ed., Biological Control Program Annual Summary, 1997. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Pitcairn M. J., V. Popescu, D. B. Joley and D. M. Woods. 1998. Estimating the number of flowers per head from head diameter in yellow starthistle in California., pp. 60-63. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1997. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Pitcairn, M. J., D. M. Woods, D. B. Joley, D. G. Fogle and V. Popescu. 2000. Impact of seedling pathogens on yellow starthistle in California, pp. 52-54. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1999. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Pitcairn, M. J., D. M. Woods, D. B. Joley and V. Popescu. 2000c. Five-year population buildup and combined impact of biological control insects on yellow starthistle, pp. 55-57. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1999. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Pitcairn M. J., D. M. Woods, E. F. Van Mantgem and R.K. Wall. 1999. Endemic natural enemy fauna of yellow starthistle and purple starthistle in central California, pp. 83-84. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1998. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Pittara, I. S. and B. I. Katsoyannos. 1990. Evidence for a host-marking pheromone in *Chaetorellia australis*. *Entomol. Exp. Appl.* 54: 287-295.
- Pittara, I. S. and B. I. Katsoyannos. 1992. Effect of shape, size and color on selection of oviposition sites by *Chaetorellia australis*. *Entomologia Experimentalis et Applicata* 63(2): 105-113.
- Pittara, I. S. and B. I. Katsoyannos. 1992. Rearing of *Chaetaorellia australis* (Dipt., Tephritidae) on an artificial diet. *Entomophaga* 37: 253-257.

- Pleban, S. and G. A. Strobel. 1998. Rapid evaluation of *Fusarium* spp. as a potential biocontrol agent for weeds. *Weed Science* 46(6): 703-706.
- Plitmann, U. 1973. Taxonomic Studies in *Centaurea* Sect. Calcitrapa. I. New taxa in Palestine. *Israel Journal of Botany* 22: 47-66.
- Plitmann, U. 1975. Taxonomic Studies in *Centaurea* Sect. Calcitrapa. II. The section in the Middle East. *Israel Journal of Botany* 24: 10-25.
- Plitmann, U. 1976. Taxonomic Studies in *Centaurea* Sect. Calcitrapa. III. Cytotaxonomic Notes. *Israel Journal of Botany* 25: 84-89.
- Pogosyan, E. E. 1966. New finds of parasitic nematodes of the genera *Anguina* Scopoli, 1777 and *Paraguina* Kirjanova, 1955, in the Armenian Soviet Socialist Republic. (In Russian). *Dokl. Akad. Nauk. Armyan. SSR*. 42: 117-184. (Translation: Transl. Bur., Can. Dept. Secretary of State, No. 619736)
- Popova, A. Y. 1960. *Centaurea diffusa* Lam., a steppe-pasture weed in the Crimea. *Bot. Zhur., SSSR* 45: 1207-1213.
- Popova, A. Y. 1964. Composition of nutritional substances of *Centaurea diffusa* Lam. in Crimea. *Bot. Zhur., SSSR* 49: 863-865.
- Popov, V. G., M. S. Raskin, G. S. Gruzdev. 1973. The noxious effect of Russian knapweed (*Acroptilon repens* (L.) D.C.) in field plant associations. *Izvestiya Timiryazevskoi Sel'skokhozyaistvennoi Akademii* 2: 221-223.
- Post, G. E. 1933. *Flora of Syria, Palestine and Sinai*, vol. 2, ed. 2, revised by J.E. Dinsmore. American Press, Beirut.
- Powell, R. D. 1984. Some preliminary results concerning the beetle *Sphenoptera jugoslavica* as a biological control for diffuse knapweed. *Proceedings of the Knapweed Symposium*, Montana State University, Bull. 1315: 45-52.
- Powell, R. D. 1989. The functional forms of density-dependent birth and death rates in diffuse knapweed (*Centaurea diffusa*) explain why it has not been controlled by *Urophora affinis*, *U. quadrifasciata* and *Sphenoptera jugoslavica* pp. 195-202. In E. S. Delfosse (ed.), *Proc. VII. Int. Symp. Biol. Contr. Weeds*, 6-11 March 1988, Rome, Italy.
- Powell, R. D. 1990. The role of spatial pattern in the population biology of *Centaurea diffusa*. *Journal of Ecology* 78: 374-388.
- Powell, R. D. and P. Harris. 1986. Biological control of diffuse knapweed by *Sphenoptera jugoslavica* (Obenb.). *Canadex* 641-613. Agriculture Canada.
- Powell, R. D. and J. H. Myers. 1988. The effect of *Sphenoptera jugoslavica* Obenb. (Col., Buprestidae) on its host plant *Centaurea diffusa* Lam. (Compositae). *Journal of Applied Entomology* 106: 25-45.
- Powell, R. D., C. Risley and J. H. Myers. 1989. Plant size, seed production, and attack by biological control agents of knapweed in an area of reduced plant density following picloram spraying, pp. 58-66. In P.K. Fay and J.R. Lacey (editors), *Proceedings of the 1989 Knapweed Symposium*, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.

- Powell, G. W., B. M. Wikeem and A. Sturko. 2000. Biology of *Agapeta zoegana* (Lepidoptera: Cochylidae), propagated for the biological control of knapweeds (Asteraceae). *Can. Entomol.* 132: 223-230.
- Powell, G. W., B. M. Wikeem, A. Sturko and J. Boateng. 1997. Knapweed growth and effect on conifers in a montane forest. *Can. J. For. Res.* 27: 1427-1433.
- Powell, G. W., A. Sturko, B. M. Wikeem and P. Harris. 1994. Field guide to the biological control of weeds in British Columbia. Ministry of Forests, Victoria, Canada. 163 p.
- Prather, T. S. and R. H. Callihan. 1988. Interference between yellow starthistle and pubescent wheatgrass. *Proceedings of the Western Society of Weed Science* 41: 74.
- Prather, T.S. 1994. Biology of yellow starthistle. *Proc., California Weed Conference* 46:219-223.
- Prather, T.S. and R.H. Callihan. 1989. Interactions between a yellow starthistle community and a pubescent wheatgrass community. *Res. Prog. Rep. West. Soc. Weed Sci.* Pp. 81-83.
- Prather, T.S. and R.H. Callihan. 1989. Yellow starthistle trends in perennial and annual communities. *Res. Prog. Rep. West Soc. Weed Sci.* pp. 130.
- Prather, T.S. and R.H. Callihan. 1990. Yellow starthistle population dynamics in perennial and annual communities. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 87-88.
- Prather, T.S. and R.H. Callihan. 1991. Interference between yellow starthistle and pubescent wheatgrass during grass establishment. *Journal of Range Management* 44(5):443-447.
- Prather, T.S., R.H. Callihan and D.C. Thill. 1988. Revegetating yellow starthistle infested land with intermediate wheatgrass. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 68-69.
- Prather, T.S., P. Fuerst, and R.H. Callihan. 1991. Uptake and translocation of picloram in apparently resistant and known susceptible yellow starthistle. *Res. Prog. Rep. West. Soc. Weed Sci.* Pp. 312-315.
- Price, W.J., B. Shafii, L.W. Lass and D.C. Thill. 1998. Assessing variability of agreement measures in remote sensing using a Bayesian approach. *Appl. Stat. Agric.* Pp. 43-54.
- Pritchard, G. H. and K. A. Shaw. 1981. Control of creeping knapweed (*Acroptilon repens*) with herbicides. *Proceedings of the Sixth Australian Weeds Conference* 1: 15-19.
- Pritchard, G. H. and R. W. Madin. 1984. Control of creeping knapweed on cereal fallows. *Proceedings of the seventh Australian weeds conference.* 1: 286-290
- Prodan, I. 1930. Centaureele Romaniei. *Buletinul Academiei de Cluj Institutul de Arte Grafice.* "Ardealul" Strada, Memorandului No. 22, 1930.
- Racz, A.; Augustin, G.; Racz-Koilla, E. 1963. Valorificarea speciilor indigene de *Centaurea* ca plante medicinale cu continut in princippii amare. *Lucrarile Grandini Bot. Bucuresti* 1961/1962 (1): 521-524.
- Radford, A.E., H.A. Ahles and C.R. Bell. *Manual of the Vascular Flora of the Carolinas.* 1964.
- Randall, J.M. 1994. Weeds and the preservation of natural areas. *Proc., California Weed Science Society* 46:143-154.
- Randall, J. M. 1995. Assessment of the invasive weed problem on preserves across the United States.

- Randall, J. M. 1996. Weed control for the preservaton of biological diversity. *Weed Technol.* 10: 370-383.
- Razowski, J. 1970. Cochylidae. *In* Amsel, H. G., F. Gregor, and H. Reisser. *Microlepidoptera Palearctica*. Vol. 32. Verlag Georg Fromme and Co., Wien. 528 p.
- Reader, R. J. 1997. Potential effects of granivores on old field succession. *Canadian Journal of Botany* 75(12): 2224-2227.
- Reed, C. F. and R. O. Hughes. 1970. Selected weeds of the United States. *Agriculture Handbook*. 463.
- Reed, R. *Wisconsin Vascular Plants* 1987.
- Rees, N.E. 1978. Interactions of *Rhinocyllus conicus* and thistles in the Gallatin Valley, pp. 31-38. *In* K.E. Frick, ed., *Biological Control of Thistles in the Genus Carduus in the United States*. USDA Science and Education Administration, Agricultural Research Service. Washington, D.C.
- Rees, N. E. and J. M. Story. 1991. Host plant testing of *Urophora quadrifasciata* (Diptera: Tephritidae) against *Carthamus tinctorius* and two North American species of *Centaurea*. *Entomophaga* 36(1): 115-119.
- Rees, N. E., P. C. Quimby, G. L. Piper, E. M. Coomb, C. E. Turner, N. R. Spencer and L. V. Knutson (eds.). 1996. *Biological Control of Weeds in the West*. Western Society of Weed Science., USDA-ARS, Montana State University, Bozeman, MT. World Color Printers, Bozeman, MT.
- Rejmanek, M. 1999. Invasive plant species and invasible ecosystems, pp. 79-102. *In* O.T. Sandlund, P.J. Schei, and A. Viken, eds., *Invasive Species and Biodiversity Management*. Kluwer Academic Publ., Dordrecht.
- Renney, A. J. 1959. *Centaurea* spp. infestation in British Columbia. *Proc. Joint Meeting North Central Weed Cont.Conf.16 and Western Can. Weed Cont. Conf.* 10: 18-19.
- Renney, A. J. and E. C. Hughes. 1969. Control of knapweed, *Centaurea* species, in British Columbia with Tordon herbicide. *Down to Earth* 24: 6-8.
- Rice, P. M. and J. C. Toney. 1996. Plant population responses to broadcast herbicide applications for spotted knapweed control. *Down to Earth* 51: 14-19.
- Rice, P. M. and J. C. Toney. 1998. Exotic weed control treatments for conservation of fescue grassland in Montana. *Biological Conservation* 85: 83-95.
- Rice, P. M., J. C. Toney, D. J. Bedunah and C. E. Carlson. 1997. Elk winter forage enhancement by herbicide control of spotted knapweed. *Wildlife Society Bull.* 25: 627-633.
- Rice, P. M., J. C. Toney, D. J. Bedunah and C. E. Carlson. 1997. Plant community diversity and growth form responses to herbicide applications for control of *Centaurea maculosa*. *J. Appl. Ecol.* 34:1397-1412.
- Richey, E. Duke. 1998. *Subdividing Eden: Land use and change in the Bitterroot Valley, 1930-1998*. Masters thesis, Environmental Studies, University of Montana, Missoula. Advisor: Don Snow (Dan Flores). Mansfield Library No.: M, 333.30978689, R529s

- Riopelle, R. J.; R. J. Boegman; P. B. Little; K. L. Stevens; L. F. James; R. F. Keeler; E. M. Bailey; P. R. Cheeke; M. P. Hegarty. 1992. Neurotoxicity of sesquiterpene lactones. *Poisonous plants* 298-303; 10 ref.
- Robbins, W. W., M. K. Bellue, and W. S. Ball. 1970. *Weeds of California*. State Department of Agriculture, Sacramento. 547 p.
- Robertson, K. 1989. Living with spotted knapweed in the Bitterroot Valley, pp. 33-36. *In* P.K. Fay and J.R. Lacey (eds), *Proceedings of the 1989 Knapweed Symposium*, April 4-5, 1989, Bozeman, MT. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Robles, M., B.H. Choi, B. Han, K. Santa Cruz and R.C. Kim. 1998. Repin-induced neurotoxicity in rodents. *Exp. Neurol.* 152(2):129-136.
- Roché, B.F., Jr. 1965. Ecological studies of yellow star-thistle (*Centaurea solstitialis* L.). Ph. D. Thesis, Univ. of Idaho, Moscow.
- Roché, B.F., Jr. 1991. Yellow starthistle: wind, birds and humans. *Knapweed* 5:3-4.
- Roché, B.F., Jr. 1991. Seeds-From start to finish. *Knapweed* 5:1.
- Roché, B.F., Jr. 1992. Achene dispersal in yellow starthistle (*Centaurea solstitialis* L.). *Northwest Science* 66(2): 62-65.
- Roché, B.F., Jr. 1994. Status of knapweeds in Washington. *Wash. State Univ. Coop. Ext. Serv., Knapweed Newsletter* 8(1): 2-4.
- Roché, B. F., Jr. 1994. Some thoughts about weeds. *Wash. State Univ. Coop. Ext. Serv., Knapweed Newsletter* 8(3): 1-2.
- Roché, B.F., Jr. and C. T. Roché. 1989. Meadow Knapweed. *Extension Bulletin* 1524, Washington State University Cooperative Extension, Pullman.
- Roché, B. F., Jr. and C. T. Roché, eds. 1990. *Range Weeds Revisited*. Washington State University Cooperative Extension, Pullman. MISC0143.
- Roché, B.F., Jr. and C. T. Roché. 1991. Identification, introduction, distribution, ecology, and economics of *Centaurea* species, pp. 274-291. *In* L. F. James, J. O. Evans, M. H. Ralphs and R. D. Child (eds.), *Noxious Range Weeds*. Westview Press, Boulder, Colorado. Roche
- Roche, B. F., Jr., and C. T. Roche. 1999. Diffuse knapweed, pp. 217-230. *In* Sheley, R. L. and J. K. Petroff, eds., *Biology and Management of Noxious Rangeland Weeds*. Oregon State University Press, Corvallis.
- Roché, B.F., Jr. and C. J. Talbott. 1986. The collection history of *Centaureas* found in Washington State. *Agric. Res. Cent., Washington State Univ. Res. Bull.* XB0978, Pullman, WA. 36 p.
- Roché, B.F., Jr., G. L. Piper and C. J. Talbott. 1986. Knapweeds of Washington, *Washington State Cooperative Extension Service Bull.* EB1393. 41 p.
- Roché, B.F., Jr., C. T. Roche and R. C. Chapman. 1994. Impacts of grassland habitat on yellow starthistle (*Centaurea solstitialis* L.) invasion. *Northwest Sci.* 68: 86-96.
- Roché, C. 1990. Yellow starthistle seeded after Hells Canyon fire. *Knapweed* 4:4.

- Roché, C. 1991. Bighead Knapweed. Washington State University Cooperative Extension, Pullman. PNW386.
- Roché, C. 1992. Short-fringed Knapweed. Washington State University Cooperative Extension, Pullman. PNW417.
- Roche, C. T. 1993. Identification of knapweeds and starthistles in the Pacific northwest. Pacific Northwest Cooperative Extension Publication PNW 432, 22 pp.
- Roche, C. T. 1999. Squarrose knapweed, pp. 362-371. *In* Sheley, R. L. and J. K. Petroff, eds., *Biology and Management of Noxious Rangeland Weeds*. Oregon State University Press, Corvallis.
- Roche, C. and L. C. Burrill. 1992. Squarrose knapweed *Centaurea virgata* Lam. ssp. *squarrosa* Gugl. Pacific Northwest Cooperative Extension Publication PNW422. Oregon State University Extension Service, Corvallis.
- Roché, C. T. and B. F. Roche, Jr. 1988. Distribution and amount of four knapweed (*Centaurea* L.) species in eastern Washington. *Northwest Science* 62(5): 242-253.
- Roche, C. T. and B. F. Roche, Jr. 1989. Introductory notes on squarrose knapweed (*Centaurea virgata* Lam. ssp. *squarrosa* Gugl.). *Northwest Science* 63(5): 246-252.
- Roché, C. T. and B. F. Roche, Jr. 1990. Purple Starthistle and Iberian Starthistle. Washington State University Cooperative Extension, Pullman. PNW350.
- Roche, C. T. and B. F. Roche, Jr. 1991. Meadow Knapweed Invasion in the Pacific Northwest, U.S.A., and British Columbia, Canada. *Northwest Science* 65(1): 53-61.
- Roché, C. T. and B. F. Roche, Jr. 1993. Identification of knapweeds and starthistles in the Pacific Northwest. Washington State University Cooperative Extension, Pullman, Washington, Oregon State University Extension Service, University of Idaho Cooperative Extension System, U.S.D.A. Pacific Northwest Extension Pub. PNW432. 22 p.
- Roché, C. T. and B. F. Roche, Jr. 2000. Identification of knapweeds and starthistles in the Pacific Northwest. Pacific Northwest Extension Publication PNW432. Washington State University, Pullman, University of Idaho, Moscow, Oregon State University, Corvallis, Montana State University, Bozeman. 22 p.
- Roche, C. T., B. F. Roche, Jr. and G. A. Rasmussen. 1992. Dispersal of squarrose knapweed (*Centaurea virgata* ssp. *squarrosa*) capitula by sheep on rangeland in Juab County, Utah. *Great Basin Naturalist* 52(2): 185-188.
- Roche, C. T., D. C. Thill and B. Shafii. 1997. Reproductive phenology in yellow starthistle (*Centaurea solstitialis*). *Weed Science* 45: 763-770.
- Roitberg, B. D. 1988. Comparative flight dynamics of knapweed gall flies *Urophora quadrifasciata* and *U. affinis* (Diptera: Tephritidae). *J. Entomol. Soc. Brit. Columbia* 85: 58-64.
- Rosenthal, S. S. 1989. Safety of the Russian knapweed nematode for general release in the United States, pp. 190-196. *In* P.K. Fay and J.R. Lacey (eds.), *Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Mt.* Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.

- Rosenthal, S. S. and G. L. Piper. 1995. Russian knapweed, pp. 256-257. In J.R. Nechols, L.A. Andres, J.W. Beardsley, R.D. Goeden and C.G. Jackson (editors), Biological Control in the Western United States: Accomplishments and benefits of regional research project W-84, 1964-1989. University of California, Division of Agriculture and Natural Resources, Oakland. Publ. 3361.
- Rosenthal, S. S., G. Campobasso, L. Fornasari, R. Sobhian and C. E. Turner. 1992. Biological control of *Centaurea* spp., pp. 292-302. In L. F. James, J. O. Evans, M. H. Ralphs, R. D. Child (eds), Noxious Range Weeds. Westview Press, Boulder, Colorado.
- Rosenthal, S. S., E. M. Coombs, B. Haglan and G. L. Piper. 1993. Use of critical nontarget plants by the Russian knapweed nematode (*Subanguina picridis*). Weed Tech. 7(3): 759-762.
- Rosenthal, S. S., T. Davarci, A. Ercis, B. Platts and S. Tait. 1994. Turkish herbivores and pathogens associated with some knapweeds (Asteraceae: *Centaurea* and *Acroptilon*) that are weeds in the United States. Proc. Entomol. Soc. Wash. 96: 162-17.
- Rousseau, C. 1968. Histoire, habitat et distribution de 250 plantes introduites au Quebec. Nat. Can. 95: 49-169.
- Roy, D.N., D.H. Peyton and P.S. Spencer. 1995. Isolation and identification of two potent neurotoxins, aspartic acid and glutamic acid, from yellow starthistle (*Centaurea solstitialis*). Natural Toxins 3:174-180.
- Roze, L. D. 1981. The biological control of *Centaurea diffusa* Lam. and *C. maculosa* Lam. by *Urophora affinis* Frauenfeld and *U. quadrifasciata* Meigen (Diptera: Tephritidae). M. Sc. thesis, University of British Columbia, Vancouver, B. C.
- Roze, L. D.; B. D. Frazer. 1978. Biological control of diffuse and spotted knapweed by *Urophora affinis* and *U. quadrifasciata* in British Columbia. Proceedings of the First International Rangeland Congress, Denver, Colorado, USA 1978, pp. 664-666.
- Routsis, E; Georgiadis, T. 1999. Cytogeographical study of *Centaurea* L-sect. *Acrocentron* (Cass.) DC-(Asteraceae) in Greece. Botan. Helv. 109(2): 139-151.
- Rusmore, J.T. 1995. Use of fire and cutting to control yellow starthistle. Pages 13-19, Kelly, M. and Lovich, J., eds. Proc., California Exotic Pest Plant Council Symposium.
- Rusterholz, H P; Erhardt A. 1998. Effects of elevated CO-2 on flowering phenology and nectar production of nectar plants important for butterflies of calcareous grasslands. Oecologia (Berlin) 113 (3). 341-349.
- Sabba, R. P., T. M. Sterling and N. K. Lownds. 1998 Effect of picloram on resistant and susceptible yellow starthistle (*Centaurea solstitialis*): the role of ethylene. Weed Science, 46: 297-300.
- Salinska, M., Czapiak, R., Piotrowicz, M., et al. 1959. Further studies in chromosome numbers of Polish Angiosperms. Acta Soc. Bot. Polon. 28: 487-529.
- Sarker, S. D.; Dinan, L.; Sik, V.; Rees, H. H. 1998. Moschatine: an unusual steroidal glycoside from *Centaurea moschata*. Phytochemistry 48(6): 1039-1043.
- Savile, D. B. O. 1973. A variety of *Puccinia centaureae* on *Centaurea diffusa*. Can. J. Bot. 51(5): 1077-1078.

- Scheidel, U; Bruelheide, H. 1999. Selective slug grazing on montane meadow plants. *J. Ecol.* 87(5): 828-838.
- Scherler, P. 1982. *Apion méconnus* on nouveaux pour la faune suisse (Col., Curculionidae). *Bull. Entomol. Soc. Suisse* 55: 385-387. [Fr.]
- Schirman, R. 1981. Seed production and spring seedling establishment of diffuse and spotted knapweed. *Journal of Range Management* 34: 45-47.
- Schirman, R. 1984. Seedling establishment and seed production of diffuse and spotted knapweed, pp 7-10. *In Proc. Knapweed Symposium, Great Falls, April 3-4, 1984.* Bull. 1315, Plant and Soil Sciences Dept. and Coop. Ext. Serv., Montana State Univ., Bozeman, Montana.
- Schirman, R.D. 1991. Follow-up necessary for yellow starthistle control. *Knapweed* 5(4):3-4.
- Schoenig, S.E. 2000. Weed Management Areas in California. *Proc., Forest Vegetation Management Conference* 21:96-97.
- Schoenig, S.E. 2000. Weed Management Areas in California. *Proc., California Weed Science Society* 52:141-143.
- Schroeder, D. 1977. Biotic agents attacking diffuse and spotted knapweed in Europe and their prospective suitability for biological control in North America, pp. 108-131. *In Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977.* British Columbia Ministry of Agric., Victoria, B. C., Canada.
- Schroeder, D. 1981. Annual project statement. 2b. *Pelochrista medullana*. CIBC, Delémont, Switzerland.
- Schroeder, D. 1985. The search for effective biological control agents in Europe. 1. Diffuse and spotted knapweed, pp. 103-119. *In E.S. Delfosse (ed), Proceedings of the Sixth International Symposium on Biological Control of Weeds, Vancouver, Canada.* Agriculture Canada, Ottawa.
- Schumacher, A.E., R.L. Sheley, R.H. Callihan and D.C. Thill. 1982. Chemotaxonomic analysis of seed proteins as a means of biotype identification of yellow starthistle. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 31-32.
- Scott, T. and N. Pratini. 1995. Habitat fragmentation: the sum of the pieces is less than the whole. *California Agriculture* 49(6):56.
- Sell, Randall S., Dean A. Bangsund and E Larry Leistritz. 1999. *Euphorbia esula*: perceptions by ranchers and land managers. *Weed Science*, 47:740-749.
- Selleck, G. W. 1964. A competition study of *Cardaria* spp. and *Centaurea repens*. *Proc. 7th British Weed Contr. Conf.* 569-576.
- Sharp, A.J., R.E. Shanks, J.K. Underwood, and E. McGilliard 1960. A Preliminary Checklist of Monocots in Tennessee
- Sheley, R.L. and J.S. Jacobs. 1997. Response of spotted knapweed and grass to picloram and fertilizer combinations. *J. Range Manage.* 50: 263-267.
- Sheley, R.L. and J.S. Jacobs. 1997. Acceptable levels of spotted knapweed (*Centaurea maculosa*) Control. *Weed Tech.* 11: 363-368.

- Sheley, R.L. and L.L. Larson. 1992. Is yellow starthistle replacing cheatgrass? *Knapweed* 6(4): 3.
- Sheley, R.L. and L.L. Larson. 1994. Observation: Comparative life-history of cheatgrass and yellow starthistle. *J. Range Manage.* 47: 450-456.
- Sheley, R.L. and L.L. Larson. 1994. Comparative growth and interference between cheatgrass and yellow starthistle seedlings. *J. Range Manage.* 47: 470-474.
- Sheley, R.L. and L.L. Larson. 1994. Comparative growth and interference between cheatgrass and yellow starthistle seedlings. *Journal of Range Management* 47(6): 470-474.
- Sheley, R.L. and L.L. Larson. 1995. Interference between cheatgrass and yellow starthistle at 3 soil depths. *J. Range Manage.* 48: 392-397.
- Sheley, R.L. and L.L. Larson. 1996. Emergence date effects on resource partitioning between diffuse knapweed seedlings. *J. Range Manage.* 49: 241-244.
- Sheley, R.L. and L.L. Larson. 1997. Cheatgrass and yellow starthistle growth at 3 soil depths. *J. Range Manage.* 50: 146-150.
- Sheley, R. L. and P.M. Rice. 1994. Invasion USA: a chronicle of exotic weed invasion, pp. --. *In Invasive Exotics: A Threat to the Greater Northwest! What is Our Status?* Montana Weed Control Assn. Annual Conf. Proc. 28-30 November, 1994, Missoula, Montana.
- Sheley, R. L. and B. F. Roché, Jr. 1982. Rehabilitation of spotted knapweed infested rangeland in northeastern Washington. *West. Soc. Weed Sci. Abstr.* p. 31.
- Sheley, R.L., R.H. Callihan and D.C. Thill. 1982. Survey of yellow starthistle (*Centaurea solstitialis*) infestations in Idaho. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 29-31.
- Sheley, R.L., J.S. Jacobs and M.F. Carpinelli. 1998. Distribution, biology, and management of diffuse knapweed (*Centaurea diffusa*) and spotted knapweed (*Centaurea maculosa*). *Weed Tech.* 12: 353-362.
- Sheley, R. L., J. S. Jacobs, and M. L. Carpinelli. 1999. Spotted knapweed, pp. 350-361. *In* Sheley, R. L. and J. K. Petroff, eds., *Biology and Management of Noxious Rangeland Weeds*. Oregon State University Press, Corvallis.
- Sheley, R.L. J.S. Jacobs and R.P. Velagala. 1999. Enhancing intermediate wheatgrass establishment in spotted knapweed infested rangeland. *J. Range Manage.* 52: 68-74.
- Sheley, R.L., S. Kedzie-Webb and B.D. Maxwell. 1999. Integrated weed management on rangeland. Pages 57-68 in R. L. Sheley and J. K. Petroff, eds. *Biology and Management of Noxious Rangeland Weeds*. Oregon St. Univ. Press, Corvallis.
- Sheley, R.L., L.L. Larson and J.S. Jacobs. 1999. Yellow starthistle, pp. 409-416. *In* Sheley, R.L. and J.K. Petroff, eds., *Biology and Management of Noxious Rangeland Weeds*. Oregon State University Press, Corvallis.
- Sheley, R.L., L.L. Larson, and D.E. Johnson. 1993. Germination and root dynamics of range weeds and forage species. *Weed Technology* 7(1):234-237.
- Sheley, R. L., M. Manoukian and G. Marks. 1996. Preventing noxious weed invasion. *Rangelands*. 18(3): 100-101.

- Sheley, R.L., M. Manoukian and G. Marks. 1999. Preventing noxious weed invasion. Pages 69-72 in R. L. Sheley and J. K. Petroff, eds. *Biology and Management of Noxious Rangeland Weeds*. Oregon St. Univ. Press, Corvallis.
- Sheley, R.L., B.E. Olson and L.L. Larson. 1997. Effect of weed seed rate and grass defoliation level on diffuse knapweed. *J. Range Manage.* 50: 39-43.
- Sheley, R.L., B.F. Roche, R.H. Callihan. 1983. Genotypic variation among yellow starthistle populations. *Proceedings of the Western Society of Weed Science* 36: 200.
- Sheley, R. L., T. J. Svejcar, and B. D. Maxwell. 1996. A theoretical framework for developing successional weed management strategies on rangeland. *Weed Technol.* 10: 766-773.
- Sheley, R.L., R.H. Callihan, C.H. Huston and D.C. Thill. 1983. Genotypic variation among yellow starthistle populations. *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 53-54.
- Sheley, R.L., C.L. Huston, R.H. Callihan and D.C. Thill. 1982. Effect of maturation on viability and germination of yellow starthistle seed buried at 3 depths. *Res. Prog. Rep. West Soc. Weed Sci.* p. 35.
- Sheley, R.L., C.A. Duncan, M.B. Halstvedt and J. S. Jacobs. 2000. Spotted knapweed and grass response to herbicide treatments. *J. Range Manage.* 53: 176-182.
- Sheley, R.L., Svejcar, TJ, Maxwell, BD, Jacobs, JS. 1996. Successional rangeland weed management. *Rangelands.* 18(4): 155-159.
- Sheley, R.L., D.L. Zamora, C.H. Huston, R.H. Callihan and D.C. Thill. 1983. Seed and seedling root growth characteristics of several populations of yellow starthistle (*Centaurea solstitialis* L.). *Res. Prog. Rep. West Soc. Weed Sci.* Pp. 62-63.
- Shinn, S.L., T.W. Miller, and D.C. Thill. 1998. Yellow starthistle control with imazapic. *Res. Prog. Rep. West Soc. Weed Sci.* pp. 20.
- Shinn, S.L. and D.C. Thill. 1999. Yellow starthistle response to imazapic. *Proc., Western Society of Weed Science* 52:39.
- Shinn, S. L. and D. C. Thill. 2000. The effect of imazapic on yellow starthistle control and pasture grass production. *Res. Prog. Rep. West Soc. Weed Sci.* p. 29.
- Shinn, S.L. and D.C. Thill. 2000. Yellow starthistle control with imazapic. *Res. Prog. Rep. West. Soc. Weed Sci.* p. 30.
- Shirman, R. 1981. Seed production and spring seedling establishment of diffuse and spotted knapweed. *J. Range Manage.* 34: 45-47.
- Shishkoff, N. and W.L. Bruckart. 1995. Risk assessment of *Puccinia jaceae* for biological control of starthistles and knapweeds, p. 403. *In* E. S. Delfosse and R. R. Scott (eds.), *Proceedings of the VIII International Symposium on Biological Control of Weeds*, 2-7 February 1992, Canterbury, New Zealand. DSIR/CSIHO, Melbourne, Australia.
- Shishkoff, N. and W.L. Bruckart. 1993. Evaluation of infection of target and nontarget hosts by isolates of the potential biocontrol agent *Puccinia jaceae* that infect *Centaurea* spp. *Phytopathology* 83(9): 894-898.
- Shishkoff, N. and W.L. Bruckart. 1996. Water stress and damage caused by *Puccinia jaceae* on two *Centaurea* species. *Biological control.* 6: 57-63.

- Shorthouse, J. D. 1977. Developmental morphology of *Urophora affinis* galls, p. 188-195. In Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B. C., Canada.
- Shorthouse, J. D. 1977. Developmental morphology of *Urophora quadrifasciata* galls, pp. 196-201. In Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B. C., Canada.
- Shorthouse, J. D. 1989. Modification of flowerheads of diffuse knapweed by the gall-inducers *Urophora affinis* and *Urophora quadrifasciata* (Diptera: Tephritidae), pp. 221-228. In E. S. Delfosse (ed.), Proc. VII. Int. Symp. Biol. Contr. Weeds, 6-11 March 1988, Rome, Italy.
- Simpson, Rachel. 1999? Ecological factors affecting the reproduction of *Lespedeza virginica* (Fabaceae), an old-field perennial plant. Ph.D. dissertation, University of Michigan, Ann Arbor.
- Skaltsa, H; Lazari, D; Georgiadou, E, et al. 1999. Sesquiterpene lactones from *Centaurea* species: *C. thessala* subsp *drakiensis* and *C. attica* subsp *attica*. Planta Med. 65(4): 393-393.
- Smathers, R.L., R.O. Brooks and E.L. Michalson. 1985. Controlling yellow starthistle economic considerations. Bull. Idaho Agric. Exp. Stn. 8(650):1-8.
- Sobhian, R. 1993. Two biotypes of *Bangasternus orientalis* (Coleoptera: Curculionidae) found in Greece. Proc. Entomol. Soc. Wash. 95(2): 163-164.
- Sobhian, R. 1993. Life history and host specificity of *Urophora sirunaseva* (Hering) (Diptera: Tephritidae), a candidate for biological control of yellow starthistle, with remarks on the host plant. J. Appl. Entomol. 116: 381-390.
- Sobhian, R. and L. Fornasari. 1994. Biology of *Larinus curtus* Hochhut (Coleoptera: Curculionidae), a European weevil for biological control of yellow starthistle, *Centaurea solstitialis* L. (Asteraceae), in the United States. Biological Control 4: 328-335.
- Sobhian, R. and I. S. Pittara. 1988. A contribution to the biology, phenology and host specificity of *Chaetorellia hexachaeta* Loew (Diptera: Tephritidae), a possible candidate for the biological control of yellow starthistle (*Centaurea solstitialis* L.). J. Appl. Entomol. 6: 444-450.
- Sobhian, R. and H. Zwölfer. 1985. Phytophagous insect species associated with flowerheads of yellow starthistle (*Centaurea solstitialis* L.). Zeit. Ang. Entomol. 99: 301-321.
- Sobhian, R., G. Campobasso and P. H. Dunn. 1992. Biology of *Bangasternus fausti* (Coleoptera: Curculionidae), a potential biological control agent of diffuse knapweed (*Centaurea diffusa*), and its effect on the host plant. Entomophaga 37(1): 50-58.
- Sobhian, R., G. Campobasso and P. H. Dunn. 1992. A contribution to the biology of *Bangasternus fausti* (Col.:Curculionidae), a potential biological control agent of diffuse knapweed, *Centaurea diffusa*, and its effect on the host plant. Entomophaga 37: 171-179.
- Sobhian, R., G. Campobasso and P. H. Dunn. 1992. Contribution to the biology of *Bangasternus orientalis* Capiomont (Col., Curculionidae) J. Appl. Entomol. 113:93-102.

- Sobhian, R., B. I. Katsoyannos and J. Kashefi. 1989. Host specificity of *Aceria centaureae* (Nalepa), a candidate for biological control of *Centaurea diffusa* De Lamarck. *Entomologia Hellenica* 7: 27-30
- Soroka, S V; Soroka L I; Aleksandrov I V. 1996. The efficiency of the early spring application of herbicide "Arelon" to struggle with the annual weeds in winter wheat sowing areas. *Vyestsi Akademii Ahrarnykh Navuk Byelarusi* 0 (1). 43-46.
- Sozeri, S. and G. Erdiller. 1993. The determination of viability ratio of (*Acroptilon repens* (L.) D. C.) Russian knapweed seeds with TTC (triphenyl tetrazolium chloride) method. *Ankara Universitesi Ziraat Fakultesi Yilligi* 43(1-2): 1-6
- Sozeri, S. and S. Maden. 1994. Efficacies of low dosages and repeated applications of some herbicides against Russian knapweed (*Acroptilon repens* (L.) D.C.). *Journal of Turkish Phytopathology* 23(2): 99-104.
- Spears, B. M., S. T. Rose and W. S. Belles. 1980. Effect of canopy cover, seedling depth, and soil moisture on emergence of *Centaurea maculosa* and *C. diffusa*. *Weed Res.* 20: 87-90
- Spoon, C. W., H. R. Bowles and A. Kulla. 1983. Noxious weeds on the Lolo National Forest. A situation analysis staff paper. U.S. Department of Agriculture Forest Service, Northern Region, Missoula, MT. 6 p.
- Stalling, David. 1998. Weeds: An exotic invasion of elk country. *Bugle - Journal of Elk and the Hunt* July/Aug 1998: 16-27.
- Stanton, T. R., and E. G. Boerner. 1936. An interesting seed combination. *Amer. Soc. Agron. J.* 28:329.
- State of Washington Department of Agriculture. 1983. WAC 16-300-010 and WAC 16-300-020. Rules relating to prohibited noxious weed seeds. May 13, 1983. Olympia, Washington.
- Steinger, T. and H. Muller-Scharer. 1992. Physiological and growth responses of *Centaurea maculosa* (Asteraceae) to root herbivory under varying levels of interspecific plant competition and soil nitrogen availability. *Oecologia.* 91: 141-149.
- Steklova, M. 1983. K. poznaniu druheho zlozenia a zivnych rastlin podcelade Apioninae (Coleoptera, Curculionidae) v jurskom sure. *Biologia (Bratislava)* 38: 139-144.
- Sterling, T.M., N.K. Lownds, E.P. Fuerst, T.S. Prather and R.H. Callihan. 1991. Potential mechanism of picloram resistance in yellow starthistle (*Centaurea solstitialis* L.). *Weed Science Society of America Abstracts* 31:80.
- Stevens, K.L. 1982. Sesquiterpene lactones from *Centaurea repens*. *Phytochemistry* 21(5): 1093-1098.
- Stevens, K.L. 1986. Allelopathic polyacetylenes from *Centaurea repens* (Russian knapweed). *J. Chem. Ecol.* 12(6): 1205.
- Stevens, K.L. and G.B. Merrill. 1985. Sesquiterpene lactones and allelochemicals from *Centaurea* species, pp. 83-98. In A.C. Thompson, ed., *The Chemistry of Allelopathy*. Ser. Am. Chem. Soc. No. 268. Am. Chem. Soc. Sym.
- Stevens, K. L.; G. B. Merrill. 1999. Sesquiterpene Lactone and Allelochemicals from *Centaurea* Species. (6): 83-98. *The Chemistry of Allelopathy*.

- Stevens, K.L. and R.Y. Wong. 1987. Structure of chlororepdiolide, a new sesquiterpene lactone from *Centaurea repens*. *Journal of Natural Products* 49(5): 833-837.
- Stevens, K.L., R.J. Riopelle and R.Y. Wong. 1990. Repin, a sesquiterpene lactone from *Acroptilon repens* possessing exceptional biological activity. *Journal of Natural Products* 53(1): 218-221.
- Stevens, K.L., S.C. Witt and C.E. Turner. 1990. Polyacetylenes in related thistles of the subtribes Centaureinae and Carduinae. *Biochemical Systematics and Ecology* 18(4): 229-232.
- Stewart, R. R. 1972. Annotated Catalogue of the Vascular Plants of West Pakistan and Kashmir. *In* Flora of West Pakistan. E. Nasir and S.I. Ali, eds. Karachi.
- Steyskal, George C. 1979. Taxonomic studies on fruit flies of the genus *Urophora* (Diptera: Tephritidae). The Entomological Society of Washington, Washington, D.C. 61 p.
- Stierle, A.C., J.H. Cardellina and G.A. Strobel. 1988. Maculosin, a host-specific phytotoxin for spotted knapweed from *Alternaria alternata*. *Proc. Natl. Acad. Sci.* 85: 8008-8011.
- Stierle, A.C., J.I. Cardellina and G.A. Strobel. 1989. Phytotoxins from *Alternaria alternata*, a pathogen of spotted knapweed. *Journal of Natural Products* 52(1): 42-47.
- Stinson, C. S.A. 1985. Study and screening of biological control agents of diffuse and spotted knapweed at the European Station, CIBC, in 1984/85. Misc. Rep. Commonw. Inst. Biol. Control (Delémont) for Colorado State University.
- Stinson, C. S.A. 1987. Investigations on *Cyphocleonus achates* (Fabr.) (Col.: Curculionidae), a potential biological control agent of spotted knapweed (*Centaurea maculosa* Lam.) and diffuse knapweed (*C. diffusa* Lam.) (Compositae) in North America. CAB International Institute of Biological Control, European Station, Report. 37 pp.
- Stinson, C. S.A., D. Schroeder and K. Marquardt. 1994. Investigations on *Cyphocleonus achates* (Fabr.) (Col., Curculionidae), a potential biological control agent of spotted knapweed (*Centaurea maculosa* Lam.) and diffuse knapweed (*C. diffusa* Lam.) (Compositae) in North America. *J. Appl. Entomol.* 117: 35-50.
- Stoathers, R.L., R.O. Brooks and E.L. Michalson. 1985. Controlling yellow starthistle: economic considerations. Bulletin No. 650, University of Idaho Agricultural Experiment Station, Moscow.
- Story, J.M. 1976. A study of *Urophora affinis* (Diptera: Tephritidae) released on spotted knapweed in western Montana. M. S. thesis. Montana State University, Bozeman. 77 pp.
- Story, J.M. 1977. Biology of spotted knapweed in Montana, p. 31-38. *In* Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B.C., Canada.
- Story, J.M. 1977. Effect of predation by the spider, *Dictyna major*, on *Urophora affinis* populations in Montana, pp. 206-207. *In* Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B.C., Canada.
- Story, J.M. 1977. Effects of *Urophora affinis* on spotted knapweed seed production in Montana. pp. 208-209. *In* Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B.C., Canada.

- Story, J.M. 1977. Establishment, increase and dispersal of *Urophora affinis* in Montana, p. 202-205. In Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B.C., Canada.
- Story, J.M. 1983. A new insect for biocontrol of spotted knapweed (More about a new insect). Montana Farmer-Stockman 70:26.
- Story, J.M. 1984. Collection and redistribution of *Urophora affinis* and *U. quadrifasciata* for biological control of spotted knapweed. Montana Coop. Ext. Service. Circular No. 308. 9 p.
- Story, J.M. 1985. First report of the dispersal into Montana of *Urophora quadrifasciata* (Diptera: Tephritidae), a fly released in Canada for biological control of spotted and diffuse knapweed. Canadian Entomologist 117: 1061-1062.
- Story, J.M. 1985. Status of biological weed control in Montana, pp. 837-842. In E. S. Delfosse (ed.), Proceedings VI International Symposium on Biological Control of Weeds, 19-25 August 1984, Vancouver, Canada. Agriculture Canada.
- Story, J.M. 1989. The status of biological control of spotted and diffuse knapweed, pp. 37-42. In P. K. Fay and J. R. Lacey (editors), Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Story, J.M. 1992. Biological control of weeds: selective, economical and safe. Western Wildlands. 18(2): 18-23.
- Story, J. M. 1995. Cause and extent of predation on *Urophora* spp. larvae (Diptera: Tephritidae) in spotted knapweed capitula. Environ. Entomol. 24: 1467-1472.
- Story, J.M. 1995. Spotted knapweed, pp. 258-263. In Nechols, J.R., L.A. Andres, J.W. Beardsley, R.D. Goeden, and C.G. Jackson (eds.), Biological Control in the Western United States: Accomplishments and Benefits of Regional Research Project W-84, 1964-1989. Univ. Calif. Div. Agric. and Nat. Res. Publ. 3361.
- Story, J.M. and N.L. Anderson. 1978. Release and establishment of *Urophora affinis* (Diptera: Tephritidae) on spotted knapweed in western Montana. Environ. Entomol. 7: 445-448.
- Story, J.M. and R.M. Nowierski. 1984. Increase and dispersal of *Urophora affinis* (Diptera: Tephritidae) on spotted knapweed in western Montana. Environ. Entomol. 13:1151-1156.
- Story, J.M. and R.M. Nowierski. 1985. Population increase of the seed head fly in western Montana. Montana AgResearch Summer 1985 pp. 8-10.
- Story, J.M., L.O. Baker and N.L. Anderson. 1976. Biological control of spotted knapweed. Proceedings of the Western Society of Weed Science 29: 102.
- Story, J.M., K.W. Boggs and W.R. Good. 1988. Optimal timing of 2,4-D applications for compatibility with *Urophora affinis* and *U. quadrifasciata* (Diptera: Tephritidae) for control of spotted knapweed. Environ. Entomol. 17: 911-914.
- Story, J.M., K.W. Boggs and W.R. Good. 1991. First report of the establishment of *Agapeta zoegana* L. (Lepidoptera: Cochylidae) on spotted knapweed, *Centaurea maculosa* Lamarck, in the United States. Canadian Entomologist 123(2): 411-412.

- Story, J.M., K. W. Boggs and W.R. Good. 1992. Voltinism and phenological synchrony of *Urophora affinis* and *U. quadrifasciata* (Diptera: Tephritidae), two seed head flies introduced against spotted knapweed in Montana. *Env. Entomol.* 21: 1052-1059.
- Story, J.M., K. W. Boggs and D.R. Graham. 1989. Effects of nitrogen fertilization on spotted knapweed and competing vegetation in western Montana. *J. Range Management* 42(3): 222-225.
- Story, J.M., K.W. Boggs and R.M. Nowierski. 1989. Effect of two introduced seed head flies on spotted knapweed, pp. 14-17. *In* Montana AgResearch, Winter 1989 Montana State Univ., Bozeman, MT.
- Story, J.M., W.R. Good and N.W. Callan. 1993. Supercooling capacity of *Urophora affinis* and *U. quadrifasciata* (Diptera: Tephritidae), two flies released on spotted knapweed in Montana. *Environ. Entomol.* 22: 831-836.
- Story, J.M., W.R. Good and L.W. White. 1994. Propagation of *Agapeta zoegana* L. (Lepidoptera: Cochyliidae) for biological control of spotted knapweed: procedures and cost. *Biological Control.* 4: 145-148.
- Story, J.M., W.R. Good and L.J. White. 1997. First report of the establishment of *Cyphocleonus achates* (Fahraeus) (Coleoptera: Curculionidae) on spotted knapweed, *Centaurea maculosa* Lamarck, in the United States. *Canadian Entomologist.* 129(2): 373-374.
- Story, J.M., W.R. Good and L.J. White. 1999. Biocontrol of spotted knapweed: monitoring and collecting *Agapeta zoegana* and *Cyphocleonus achates*. *MontGuide* MT 9915. Montana State University Extension Service, Bozeman, Montana.
- Story, J.M., R.M. Nowierski and K.W. Boggs. 1987. Distribution of *Urophora affinis* and *U. quadrifasciata*, two flies introduced for biological control of spotted knapweed (*Centaurea maculosa*) in Montana. *Weed Science* 35:145-148.
- Story, J.M., L.J. White and W.R. Good. 1996. Propagation of *Cyphocleonus achates* (Fahraeus) (Coleoptera: Curculionidae) for biological control of spotted knapweed: procedures and cost. *Biological Control.* 7: 167-171.
- Story, J.M., K.W. Boggs, W.R. Good and R.M. Nowierski. 1988. 2,4-D and mowing effects on seed head flies used for spotted knapweed control. *Montana AgResearch, Mont. Agric. Exp. Stn.* 5(3): 8-11.
- Story, J.M., K.W. Boggs, W.R. Good and R.M. Nowierski. 1989. The seed moth, *Metzneria paucipunctella*: Its impact on spotted knapweed seed production and two seed head flies, *Urophora* spp, pp.172-174. *In* P.K. Fay and J.R. Lacey (editors), *Proceedings of the 1989 Knapweed Symposium, April 4-5, 1989, Bozeman, Mt.* Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Story, J.M., W.R. Good, L.J. White and L. Smith. 2000. Effects of the interaction of the biocontrol agent, *Agapeta zoegana* L. (Lepidoptera: Cochyliidae), and grass competition on spotted knapweed. *Biological Control* 17: 182-190.
- Story, J.M., K.W. Boggs, W.R. Good, P. Harris and R.M. Nowierski. 1991. *Metzneria paucipunctella* Zeller (Lepidoptera: Gelechiidae), a moth introduced against spotted

- knapweed: its feeding strategy and impact on two introduced *Urophora* spp. (Diptera: Tephritidae). *Can. Entomol.* 123: 1001-1007.
- Story, J.M., K.W. Boggs, W.R. Good, L.J. White and R.M. Nowierski. 1995. Cause and extent of predation on *Urophora* spp. larvae (Diptera: Tephritidae) in spotted knapweed capitula. *Environ. Entomol.* 24: 1467-1472.
- Story, J.M., P.C. Quimby, G.L. Piper, S.S. Rosenthal and N.E. Rees. 1995. Spotted knapweed. *In* Rees, N.E., P.C. Quimby, G. L. Piper, E.M. Coombs, C. E. Turner, N.R. Spencer, and L.V. Knutson. (Eds.). *Biological Control of Weeds in the West*. Western Soc. Weed Sci.
- Strang, R. M., K. M. Lindsay and R. S. Price. 1979. Knapweeds: British Columbia's undesirable aliens. *Rangelands* 1(4): 141-143.
- Strobel, G., A. Stierle, S. H. Park and J. Cardellina. 1990. Maculosin: a host-specific phytotoxin from *Alternaria alternata* on spotted knapweed, pp. 53-62. *In* R. E. Hoagland, ed., *Microbes and Microbial Products as Herbicides*.
- Sturdevant, Nancy J., Gary Daterman and Dennis Vander Meer. in prep. Evaluating the Use of Pheromones for Monitoring the Establishment of *Agapeta zoegana* (Lepidoptera: Tortricidae), a Biological Control Agent of Spotted Knapweed.
- Sulima, A. G. 1968. Agronomical methods of controlling Russian knapweed. (In Russian). *Zashch. Rast.* 13: 49-50. (Weed Abstr. 19: 14)
- Sun, M. 1997. Population genetic structure of yellow starthistle (*Centaurea solstitialis*), a colonizing weed in the western United States. *Canadian Journal of Botany* 75(9): 1470-1478.
- Sun, M. and K. Ritland. 1998. Mating system of yellow starthistle (*Centaurea solstitialis*), a successful colonizer in North America. *Heredity* 80(2): 225-232.
- Sunderland, A. 1976. Yellow starthistle [*Centaurea solstitialis*] a major range weed problem. *Pract Nutr.* 3.
- Sunderland, A. 1976. Yellow starthistle: a major range weed problem. *Down to Earth* 32(1): 28-32.
- Susanna, A., T. Garnatje and N. Garcia-Jacas. 1999. Molecular phylogeny of *Cheirolophus* (Asteraceae: Cardueae-Centaureinae) based on ITS sequences of nuclear ribosomal DNA. *Plant Systematics and Evolution* 214(1-4): 147-160.
- Swatschek, B. 1958. *Die Larvalsystematik der Wickler (Tortricidae und Carposinidae)*. Akademie-Verlag Berlin. pp. 229-230.
- Swearingen, R. J., T. D. Whitson and R. G. Lym. 1993. Russian knapweed control with herbicides applied during early fall dormancy. *Proceedings of the Western Society of Weed Science, Tucson, Arizona, 9-11 March 1993* 46: 73.
- Sylvén, E. and B. Lindberg. 1998. Morphometric analyses of Palearctic *Dasineura* and *Jaapiella* species (Diptera: Cecidomyiidae, Oligotrophini) developing in flower heads of Asteraceae, with description of four new species. *Entomologica Scandinavica* 29(3): 241-265.
- Talbott, C. J. 1987. Distribution and ecologic amplitude of selected *Centaurea* species in eastern Washington. M. S. Thesis, Wash. State Univ., Pullman.

- Tarshis, G. I. 1967. Summer dormancy of Russian knapweed, *Acroptilon picris* Pall. (C.A.M.). (In Russian). Uchen. Zap. Sverdlovsk. gos red. Inst. 48: 3-11. (Weed Abstr. 17: 2776).
- Tarshis, G. I. and A. A. Mordovets. 1974. Biological characteristics of Russian knapweed (*Acroptilon picris* C.A.M. [= *Centaurea repens*] and control prospects. Biologicheskii Nauki 17(10): 68-74.
- Ter-Minasyan, M. E. 1978. Weevils of the subfamily Cleoninae in the fauna of the USSR (in translation). New Delhi: Amerind.
- Terrell, E.E., S.R. Hill, J.H. Wiersema, and W.E. Rice. A checklist of names for 3,000 vascular plants of economic importance. 1986. U.S.D.A. Agric. Handb. No. 505, 244 pp.
- Thomas, F. 1996. Using annual legumes to manage weeds. Proc., California Weed Science Society 48:120-122.
- Thomas, F. 1997. Selecting cover crops to suppress weeds. Proc., California Weed Science Society 49:68-71.
- Thompson, D. J. and D. G. Stout. 1990. Duration of the juvenile period in diffuse knapweed (*Centaurea diffusa*). Canadian Journal of Botany 69: 368-371.
- Thompson, M. J. 1996. Winter foraging responses of elk to spotted knapweed removal. Northwest Sci. 70: 10-19.
- Thomsen, C. D. 1997. Mowings and subclover plantings suppress yellow starthistle. Calif. Agric., 51(6): 15-20.
- Thomsen, C. and W. A. Williams. 1991. Yellow starthistle control. UC Sustainable Agric. Research and Educ. Program 3(1): 2-6.
- Thomsen, C. and W. A. Williams. 1992. Yellow starthistle control. Components 3(1): 2-6.
- Thomsen, C.D., M.E. Robbins and S. Larson. 1991. Yellow starthistle control. University of California. Agricultural Experiment Station, Range Science Report No. 30. 6 p.
- Thomsen, C.D., M.P. Vayssieres and W.A. Williams. 1994. Grazing and mowing management of yellow starthistle. Proc., California Weed Conference 46:228-230.
- Thomsen, C.D., M.P. Vayssieres and W.A. Williams. 1997. Mowing and subclover plantings suppress yellow starthistle. California Agriculture 51(6):15-20.
- Thomsen, C.D., W.A. Williams, and M.R. George. 1990. Managing yellow starthistle on annual range with cattle. Knapweed 4:3-4.
- Thomsen, C.D., W.A. Williams, W. Olkowski and D.W. Pratt. 1996. Grazing, mowing and clover plantings control yellow starthistle. The IPM Practitioner 18:1-4.
- Thomsen, C.D., W.A. Williams, M. Vayssières, and F.L. Bell. 1994. Yellow starthistle control. Range Science Report #33, 6 pp.
- Thomsen, C.D., W.A. Williams, M. Vayssieres, F.L. Bell and M.R. George. 1993. Controlled grazing on annual grassland decreases yellow starthistle. California Agric. 47(6): 36-40.
- Thomsen, C.D., W.A. Williams, M.P. Vayssieres, C.E. Turner and W.T. Lanini. 1996. Yellow starthistle biology and control. University of California: Division of Agriculture and Natural Resources Publication 21541.

- Thomsen, C. D., W.A. Williams, M.R. George, W.B. McHenry, F.L. Bell and R. S. Knight. 1989. Managing yellow starthistle on rangeland. *California Agriculture* 43(5): 4-7.
- Toney, J. C. 1996. Changes in native plant communities following herbicide control of an invasive exotic forb, *Centaurea maculosa*. M. S. Thesis. University of Wisconsin, Madison. 72 p.
- Tonian, T. S. 1982. Floristic records in the Armenian SSR *Centaurea diffusa*, *Cirsium dealbatum*, *Silybum marianum*. *Biol. Zh. Arm.* 35(12): 994.
- Tóth, M., P. M. Guerin, H. R. Buser, H. Müller, G. Szöcs, G. Sziráki and H. Arn. 1985. Z-11-tetradecenyl acetate: sex attractant of *Agapeta zoegana* (Lepidoptera: Tortricidae), a potential species for the biological control of knapweed. *Can. Ent.* 117: 1163-1165.
- Trunkle, T. and P. Fay. 1991. Transportation of spotted knapweed seeds by vehicles. *Proc. Montana Weed Control Assoc.*, Butte, Montana, Jan. 14-16, 1991. p. 33.
- Tucker, R. 1989. Propagation of knapweed biological control agents, pp. 180-181. *In* P. K. Fay and J. R. Lacey (editors), *Proceedings of the 1989 Knapweed Symposium*, April 4-5, 1989, Bozeman, Montana. Plant and Soil Department and Extension Service, Montana State University, Bozeman, Montana.
- Turner, C. E. 1991. Biological control of yellow starthistle, *Centaurea solstitialis* L.: a progress report. *Proc. Calif. Weed Conf.* (43rd). 78 p.
- Turner, C.E. 1992. Biological approaches to weed management, pp. 32-67. *In* T. Beall, ed., *Beyond Pesticides. Biological Approaches to Pest Management in California*. Div. Ag. Nat. Resources, Univ. Calif., Oakland.
- Turner, C. E. 1994. Host specificity and oviposition of *Urophora sirunaseva* (Hering) (Diptera: Tephritidae), a natural enemy of yellow starthistle. *Proceedings of the Entomological Society of Washington* 96(1): 31-36.
- Turner, C. E. 1996. Tephritid flies in the biological control of yellow starthistle, pp. 171-176. *In* B. A. McPherson and G. J. Steck (eds.), *Fruit Fly Pests: A world assessment of their biology and management*. St. Lucie Press, Delray Beach, FL.
- Turner, C. E. and L. Fornasari. 1995. Biological control of yellow starthistle (*Centaurea solstitialis*) in North America, pp. 405-410. *In* E. S. Delfosse and R. R. Scott (eds.), *Proc. 8th Intl. Symp. Biol. Control Weeds*, 2-7 February 1992, Lincoln, Univ., Canterbury, New Zealand.
- Turner, C. E., J. B. Johnson and J. P. McCaffrey. 1995. Yellow starthistle, pp. 270-275. *In* J.R. Nechols, L.A. Andres, J.W. Beardsley, R.D. Goeden and C.G. Jackson (editors), *Biological Control in the Western United States: Accomplishments and benefits of regional research project W-84, 1964-1989*. University of California, Division of Agriculture and Natural Resources, Oakland. Publ. 3361.
- Turner, C. E., G. L. Piper and E. M. Coombs. 1996. *Chaetorellia australis* (Diptera: Tephritidae) for biological control of yellow starthistle, *Centaurea solstitialis* (Compositae), in the western USA: establishment and seed destruction. *Bulletin of Entomological Research* 86(2): 177-182.

- Turner, C. E., R. Sobhian and D. M. Maddox. 1990. Host specificity studies of *Chaetorellia australis* (Diptera: Tephritidae), a prospective biological control agent for yellow starthistle, *Centaurea solstitialis* (Asteraceae), pp. 231-236. In E. S. Delfosse (Ed.), Proc. VII Intl. Symp. Biol. Contr. Weeds, Rome.
- Turner, C. E., R. Sobhian, D. B. Joley, E. M. Coombs and G. L. Piper. 1994. Establishment of *Urophora sirunaseva* (Hering) (Diptera: Tephritidae) for biological control of yellow starthistle in the western United States. Pan-Pacific Entomologist 70(3): 206-211.
- Turner, C. E., E. E. Grissell, J. P. Cuda and K. Casanave. 1990. *Microdontomerus anthonomi* (Crawford) (Hymenoptera: Torymidae), an indigenous parasitoid of the introduced biological control insects *Bangasternus orientalis* (Capiomont) (Coleoptera: Curculionidae) and *Urophora affinis* Frauenfeld (Diptera: Tephritidae). Pan-Pacific Entomol. 66: 162-166.
- Turner, C. E., R. Sobhian, D. B. Joley, E. M. Coombs, and G. L. Piper. 1994. Establishment of *Urophora sirunaseva* for biological control of yellow starthistle in the western United States. Pan-Pac. Entomol. 70(3): 206-211.
- Tyser, R. W. 1992. Vegetation associated with two alien plant species in a fescue grassland in Glacier National Park, Montana. Great Basin Nat. 52(2): 189-193.
- Tyser, R. W. and C. H. Key. 1988. Spotted knapweed in natural area fescue grasslands: an ecological assessment. Northwest Sci. 62: 151-160.
- Tyurebaev, S. S. 1972. Gall-forming insects attacking Russian knapweed in the middle reaches of the R. Irtysh. Vestnik Sel'skokhozyaistvennoi Nauki Kazakhskoi SSR 15(6): 52-53. (Weed Abstr. 22: 2640)
- Upadhyaya, M. K. 1986. Induction of bolting by gibberellic acid in rosettes of diffuse (*Centaurea diffusa*) and spotted (*C. maculosa*) knapweed. Can. J. Bot. 64: 2428-2432.
- Upadhyaya, M. K. and N. H. Furness. 1951. Influence of light intensity and water stress on leaf surface characteristics of *Cynoglossum officinale*, *Centaurea* spp., and *Tragopogon* spp. Can. J. Bot. 72(9): 1379
- Vajs, V; Todorovic, N; Ristic, M, et al. 1999. Guaianolides from *Centaurea nicolai*: antifungal activity. Phytochemistry 52(3): 383-386.
- Valenzuela-Valenzuela, J., N.K. Lownds and T.M. Sterling. 1997. Clopyralid uptake, translocation and ethylene production in resistant and susceptible yellow starthistle plants. Proc., West. Soc. Weed Sci. 50:36.
- Van Der Puy, D., R. Lym and P. Bultsma. 1985. Spotted knapweed (*Centaurea maculosa* Lam.). W-842. NDSU Extension Service, North Dakota State University, Fargo, ND. 2 p.
- van Dorp, D., W.P.M. van den. Hoek, and C. Daleboudt. 1996. Seed dispersal capacity of six perennial grassland species measured in a wind tunnel at varying wind speed and height. Canadian Journal of Botany 74(12): 1956-1963.
- Vandenberg, P. 1974. Past and present influences of the grazing animal in relation to spotted knapweed and leafy spurge in Montana. M. S. thesis, University of Montana, Missoula. 75 p.
- Varley, G. C. 1937. The life-history of some trypetid flies, with description of the early stages (Diptera). Proc. Roy. Entomol. Soc. London (A) 12:109-22.

- Varley, G. C. 1947. The natural control of population balance in the knapweed gall fly (*Urophora jaceana*). *J. Animal Ecol.* 16:139-187
- Velagala, R. P. 1996. Using seed rate and plant densities to enhance intermediate wheatgrass establishment in spotted knapweed dominated rangeland. M.Sc. thesis, Montana State University, Bozeman. 66 p.
- Velagala, R.P., R. L. Sheley and J.S. Jacobs. 1997. Influence of density on intermediate wheatgrass and spotted knapweed interference. *J. Range Manage.* 50: 523-529.
- Vezina, L and D. Doyon. 1983. A note on the inhibitor effect of black knapweed (*Centaurea nigra*) residues. *Phytoprotection* 64: 77-81.
- Villegas, B. 1998. Distribution of the yellow starthistle seedhead flies, *Chaetorellia succinea* and *Chaetorellia australis* in California, pp. 55-56. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1997. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Villegas, B., T. Lenigar and D. Haines. 2000. Releases of the hairy weevil, *Eustenopus villosus*, in California for the biological control of yellow starthistle, pp. 47-50. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1999. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Villegas, B., D.A. Mayhew and J. Balciunas. 1999. Survey of *Chaetorellia* seedhead flies on commercial and non-commercial safflower in California, pp. 85-87. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1998. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Villegas, B., D.A. Mayhew, F. Hrusa and J. Balciunas. 2000. Survey of *Chaetorellia* seedhead flies on *Cirsium* thistles in close proximity to *Centaurea* spp. in California, pp. 62-63. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1999. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Villegas, B., M. J. Pitcairn and E. Coombs. 2000. Releases of Nosema-free *Larinus curtus* for the biological control of yellow starthistle in California in 1992-1999, pp. 35-37. *In* D.M. Woods, ed., Biological Control Program Annual Summary, 1999. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Volovnik, S. V. 1989. On distribution and ecology of some species of Cleonine weevils (Coleoptera: Curculionidae) 1. Tribe Cleonini. *Entomol. Rev.* 68: 138-144.
- Voss, E. 1959. Afganistans Curculioniden Fauna, nach den jüngsten Forschungsergebnissen zusammengestellt (155. Beitrag zur Kenntnis der Curculioniden). *Entomol. Bl. Biol. Syst. Kafer* 55(1): 65-112.
- Voss, E. 1960. Afganistans Curculioniden Fauna, nach den jüngsten Forschungsergebnissen zusammengestellt (155. Beitrag zur Kenntnis der Curculioniden). *Entomol. Bl. Biol. Syst. Kafer* 55(2): 113-162.
- Wadsworth, J. T. 1914. Some observations on the life-history and bionomics of the knapweed gall fly *Urophora solstitialis* Linn. *Ann. Appl. Biol.* 1: 142-169.
- Wagner, W.L., D.R. Herbst, and S.H. Sohmer 1990. Manual of the Flowering Plants of Hawaii

- Wagenitz, G. 1955. Pollenmorphologie und Systematik in der Gattung *Centaurea* L. *Flora* 142: 213-279.
- Wagenitz, G. 1974. *Centaurea* (Beiträge zur Kenntnis der Gattung *Centaurea* L. 2). In *Materials for a flora of Turkey*. XXX. Compositae, I. P.H. Davis, ed. *Notes R. Bot. Gard. Edinb.* 33: 207-264.
- Wagenitz, G. 1975. 79. *Centaurea* L., pp. 465-585. In P.H. Davis, ed., *Flora of Turkey*, Vol. 5. Edinburgh University Press, Edinburgh.
- Wagenitz, G. 1987. *Centaurea*, pp. 1405-1413. In Hegi, G., *Illustrierte Flora von Mitteleuropa* VI/2 (2. Aufl.): Nachträge, Berichtigungen und Ergänzungen zum Nachdruck der 1. Aufl. von Band VI/2 (1928/9). Berlin.
- Wagenitz, G. and F. Hellwig. 1994. Evolution of characters and systematics of the Centaureinae, p. 25. In Hind, D. J. N., ed., *Compositae systematics biology utilization*. Abstracts of the International Compositae Conference, Royal Botanic Gardens, Kew, 24 July-5 August, 1994. University of Reading School of plant Sciences, Systematics Association. Abstract only.
- Wallander, R. T., B. E. Olson and J. R. Lacey. 1995. Spotted knapweed seed viability after passing through sheep and mule deer. *J. Range Manage.* 48: 145-149.
- Washington State Grazing Land Assessment. 1984. Washington Rangeland Committee and Washington Conservation Commission. Printed by Washington State Univ., Coop. Ext., Pullman, Washington.
- Watson, A. K. 1972. The biology and control of *Centaurea diffusa* Lam. M. Sc. thesis, University of British Columbia, Vancouver, B. C.
- Watson, A. K. 1975. The potential of a nematode, *Paranguina picridis*, Kirjanova and Ivanova, as a biological control agent of Russian knapweed (*Acroptilon repens* (L.) DC.). Thesis, Univ. of Saskatchewan, Saskatoon, Saskatchewan.
- Watson, A. K. 1976. The potential of a nematode, *Paranguina picridis*, Kirjanova and Ivanova, as a biological control agent of Russian knapweed (*Acroptilon repens* (L.) DC.). Screening report of Regina Research Station, 136 p.
- Watson, A. K. 1978. Biological control of Russian knapweed [*Centaurea repens*] with a nematode, p. 221-223. In *Proceedings of the 4th International Symposium on Biological Control of Weeds*, Gainesville, Florida, 1976.
- Watson, A. K. 1980. The biology of Canadian weeds. 43. *Acroptilon (Centaurea) repens* (L.) DC. *Can. J. Plant Sci.* 60: 993-1004.
- Watson, A. K. 1986. Biology of *Subanguina picridis*, a potential biological control agent of Russian knapweed. *Journal of Nematology* 18(2): 149-154.
- Watson, A. K. 1986. Host range of and plant reaction to, *Subanguina picridis*. *Journal of Nematology* 18(1): 112-120.
- Watson, A. K. 1986. Morphological and biological parameters of the knapweed nematode, *Subanguina picridis*. *Journal of Nematology* 18(2): 154-158.
- Watson, A. K. (ed.). 1993. *Biological Control of Weeds Handbook*. Weed Science Society of America.

- Watson, A. K. and I. Alkhoury. 1981. Response of safflower cultivars to *Puccinia jaceae* collected from diffuse knapweed in eastern Europe, p. 301-305. *In* Proceedings of the 5th International Symposium on Biological Control of Weeds.
- Watson, A. K. and M. Clement. 1986. Evaluation of rust fungi as biological control agents of weedy *Centaurea* in north America. *Weed Science* 34(Supplement 1): 7-10.
- Watson, A. K. and T. E. Freeman. 1977. The biological control of Russian knapweed with a nematode, pp. 221-223. *In* Proceedings of the IV International Symposium on biological control of weeds, 30 August, 1976, University of Florida, Gainesville.
- Watson, A. K. and J. E. Miltimore. 1975. Parasitism of the sclerotia of *Sclerotinia sclerotiorum* by *Microsphaeropsis centaureae*. *Can. J. Bot.* 53: 2458-2461.
- Watson, A. K. and A. J. Renney. 1974. The biology of Canadian weeds, 6. *Centaurea diffusa* and *C. maculosa*. *Can. J. Plant Sci.* 54: 687-701.
- Watson, A. K., P. Harris, J. S. Kelleher and M. A. Hulme. 1981. *Acroptilon repens* (L.) DC., Russian knapweed (Compositae), pp. 105-110. Biological control programmes against insects and weeds in Canada 1969-1980. Commonwealth Agricultural Bureaux.
- Watson, A. K., D. Schroeder and I. Alkhoury. 1981. Collection of *Puccinia* species from diffuse knapweed in eastern Europe. *Canadian Journal of Plant Pathology* 3(1): 6-8.
- Weber, E. 1985. Grazing management controls weeds. *Soil and Water Conservation News* 6:4-5.
- Weber, W.A. and R.C. Wittmann. *Catalog of the Colorado Flora: A Biodiversity Baseline.* 1992.
- Weiner, J., S. Martinez, H. Müller-Schärer, P. Stoll and B. Schmid. 1997. How important are environmental maternal effects in plants? A study with *Centaurea maculosa*. *J. Ecol.* 85: 133-142.
- Westbrooks, R.G. 1991. Plant protection issues. I. A commentary on new weeds in the United States. *Weed Technology* 5(1):232-237.
- Wheeler, A. G. 1989. *Megalonotus sabulicola* (Heteroptera: Lygaeidae), an immigrant seed predator of *Centaurea* spp. (Asteraceae): distribution and habits in eastern North America. *Proc. Entomol. Soc. Wash.* 91:538-544.
- Wheeler, A. G. 1995. *Urophora quadrifasciata* (Diptera: Tephritidae), an introduced seedhead fly new to midwestern North America. *The Great Lakes Entomologist* 28: 235-236.
- Wheeler, G. S. and J. P. McCaffrey. 1989. Egg predation by *Catolaccus* prob. n. sp. (Hymenoptera, Pteromalidae) on the spider, *Dictyna coloradensis* (Dictynidae). *Journal of Arachnology* 17(3): 371-373.
- Wheeler, A. G. and C. A. Stoops. 1996. Establishment of *Urophora affinis* on spotted knapweed in Pennsylvania, with new eastern U.S. records of *U. quadrifasciata* (Diptera:Tephritidae). *Proc. Entomol. Soc. Wash.* 98: 93-99.
- Wheeler, G. S., J. P. McCaffrey and J. B. Johnson. 1990. Developmental biology of *Dictyna* spp. (Araneae: Dictynidae) in the laboratory and field. *American Midland Naturalist* 123(1): 124-134.
- White, C. T. 1935. Weeds of Queensland (creeping knapweed). *Queensland Agric. J.* 44: 702-705.

- White, I. M. and S. L. Clement. 1987. Systematic notes on *Urophora* (Diptera, Tephritidae) species associated with *Centaurea solstitialis* (Asteraceae, Cardueae) and other Palaearctic weeds adventive in North America. *Proceedings of the Entomological Society of Washington* 89(3): 571-580.
- White, I. M. and V. A. Korneyev. 1989. A revision of the Western Palaearctic species of *Urophora* Robineau-Desvoidy (Diptera: Tephritidae). *Systematic Entomology* 14: 327-374.
- White, I. M. and K. Marquardt. 1989. A revision of the genus *Chaetorellia* Hendel (Diptera: Tephritidae) including a new species associated with spotted knapweed, *Centaurea maculosa* Lam. (Asteraceae). *Bulletin of Entomological Research* 79(3): 453-487.
- White, I. M., K. Groppe and R. Sobhian. 1990. Tephritids of knapweeds, starthistles and safflower: results of a host choice experiment and the taxonomy of *Terellia luteola* (Wiedemann) (Diptera: Tephritidae). *Bull. Entomol. Res.* 80: 107-111.
- Whitson, T. D. 1999. Russian knapweed, pp. 315-322. *In* Sheley, R. L. and J. K. Petroff, eds., *Biology and Management of Noxious Rangeland Weeds*. Oregon State University Press, Corvallis.
- Whitson, T.D. and R. Costa. 1986. Evaluation of various herbicides for control of yellowstar thistle (*Centaurea solstitialis* L.). *Res. Prog. Rep. West. Soc. Weed Sci.* p. 51.
- Whitson, T. D., R. J. Swearingen and W. R. Tatman. 1992. The effects of fall applications of various herbicides on Russian knapweed (*Centaurea repens*) control. *Res. Prog. Rep. West. Soc. Weed. Sci.* V6-7.
- Whitson, T. D., L. C. Burrill, S. A. Dewey, D. W. Cudney, B. E. Nelson, R. D. Lee, and R. Parker. 1996. *Weeds of the West*, 5th edn. The Western Society of Weed Science in cooperation with the Western United States Land Grant Universities Cooperative Extension Services. Pioneer of Jackson Hole, Jackson Hole, Wyoming.
- Wikeem, B. M. and G. W. Powell. 1999. Biology of *Cyphocleonus achates* (Coleoptera: Curculionidae), propagated for the biological control of knapweeds (Asteraceae). *Can. Entomol.* 131: 243-250.
- Wilcox, D. D., C. A. Call, D. Ramsey and C. Bagley. 1996. Ecological amplitude and invasion of diffuse knapweed (*Centaurea diffusa*) at Yakima Training Center, Washington, p. 84. *In* *Proceedings of the Society for Range Management meeting, February 10-15, 1996, Wichita, Kansas.*
- Willard, E. E., D. J. Bedunah and C. L. Marcum. 1988. Impacts and potential impacts of spotted knapweed (*Centaurea maculosa*) on forest and range lands in western Montana. *Montana Forest and Conservation Experiment Station. School of Forestry. University of Montana.* 264p.
- William, R. D., R. Parker and D. G. Swan. 1986. *Pacific Northwest Weed Control Handbook*. Coop. Ext. Serv. of Oregon State Univ., Washington State Univ., and the Univ. of Idaho.
- Williams, T., 1997. Killer weeds. *Audubon*, 99(2):24-32.
- Willis, J. C. (Rev. by H. K. Airy Shaw). 1973. *A dictionary of the flowering plants and ferns*. 8th ed. Cambridge Univ. Press, London.

- Wilson, L.M. and J.P. MacCaffrey. 1999. Biological control of noxious rangeland weeds, pp. 97-116. In R.L. Sheley and J.K. Petroff, eds., *Biology and Management of Noxious Rangeland Weeds*. Oregon St. Univ. Press, Corvallis.
- Woo, I., L. Swiadon, T. Drlik and W. Quarles. 1999. Integrated management of yellow starthistle. *IPM Practitioner* 21(7):1-10.
- Wood, M. 1993. Weed-eating insects take the starthistle challenge. *Agricultural Research* 41:10-11.
- Wood, R.K.S. and M.J. Way (Editors) 1988. *Biological Control of Pests, Pathogens and Weeds: Developments and Prospects* (Royal Society, Series B, Vol 318).
- Woods, D.M. 1996. A new seedling disease of yellow starthistle, *Centaurea solstitialis* L. in California. *Weed Science Society of America Abstracts* 36:52.
- Woods, D.M. and D.G. Fogle. 1998. *Colletotrichum gloeosporioides* as a seedling disease of yellow starthistle, *Centaurea solstitialis*, p. 59. In D.M. Woods, ed., *Biological Control Program Annual Summary, 1997*. California Department of Food and Agriculture, Plant Health and Pest Prevention Services Sacramento, CA.
- Woods, D.M., D.B. Joley and M.J. Pitcairn. 1998. Assessment of yellow starthistle at long term Eustenopus release sites, p. 58-59. In D.M. Woods, ed., *Biological Control Program Annual Summary, 1997*. California Department of Food and Agriculture, Plant Health and Pest Prevention Services, Sacramento, CA.
- Wright, A. L. and R. G. Kelsey. 1997. Effects of spotted knapweed on a cervid winter-spring range in Idaho. *J. Range Manage.* 50: 487-496.
- Wright, R. T. 1978. Balkan invader. *ForesTalk* 78:3-7.
- Wrynski, J., P. Robins, G. Vesperat and J.M. DiTomaso. 1999. Clopyralid demonstration trial Yolo County, California. *Proc., California Weed Science Society* 51:114-119.
- Xanthopoulos, G. 1986. A fuel model for fire behavior prediction in spotted knapweed grasslands in western Montana. M. S. thesis. University of Montana, Missoula.
- Yatskievych, G. and J. Turner. Catalogue of the flora of Missouri. 1990. *Monographs in Systematic Botany from the Missouri Botanical Garden*. Vol. 37.
- Yesilada, E; Gurbuz, I; Shibata, H. 1999. Screening of Turkish anti-ulcerogenic folk remedies for anti-Helicobacter pylori activity. *J. Ethnopharmacol.* 66(3): 289-293.
- Young, J.A. and W.S. Longland. 1996. Impact of alien plants on Grant Basin rangeland. *Weed Technol.* 10:384-391.
- Young, S., W. W. Brown and B. Klinger. 1970. Nigropallidal encephalomalacia in horses fed Russian knapweed (*Centaurea repens* L.). *Amer. J. Vet. Res.* 31: 1393-1404.
- Zamora, D. L. and J. P. Olivarez. 1994. The viability of seeds in feed pellets. *Weed Tech.* 8(1): 148-153.
- Zamora, D. L. and D. C. Thill. 1999. Early detection and eradication of new weed infestations. Pages 73-84 in R. L. Sheley and J. K. Petroff, eds. *Biology and Management of Noxious Rangeland Weeds*. Oregon St. Univ. Press, Corvallis.

- Zamora, D. L., R. H. Callihan, D. C. Thill. 1983. Allelopathic potential of yellow starthistle (*Centaurea solstitialis* L.). Proceedings of the Western Society of Weed Science 101-102.
- Zwölfer, H. 1965. Phytophagous insect species associated with *Centaurea solstitialis* L. in south-western Europe. Report on investigations carried out in 1965. Commonw. Inst. Biol. Cont.
- Zwölfer, H. 1965. Preliminary list of phytophagous insects attacking wild Cynareae (Compositae) species in Europe. Tech. Bull. Commonw. Inst. Biol. Control 6: 81-154.
- Zwölfer, H. 1969. *Urophora siruna-seva* (Hg.) (Dipt.:Trypetidae), a potential insect for the biological control of *Centaurea solstitialis* L. in California. Tech. Bull. Commonw. Inst. Biol. Contr. 11: 105-156.
- Zwölfer, H. 1970. Investigations on the host-specificity of *Urophora affinis* Frfld. (Diptera, Trypetidae). Prog. Rep. Commonw. Inst. Biol. Control, No. 25. 28 p.
- Zwölfer, H. 1972. Investigations on *Chaetorellia* sp. associated with *Centaurea solstitialis* Report. Commonw. Inst. Biol. Cont. European Station. 22.
- Zwölfer, H. 1976. Investigations on *Sphenoptera (Chilostetha) jugoslavica* Obenb. (Col. Buprestidae), a possible biocontrol agent of the weed *Centaurea diffusa* Lam. (Compositae) in North America. Z. ang. Ent. 80(2): 170-190.
- Zwölfer, H. 1977. An analysis of the insect complexes associated with the heads of European *Centaurea maculosa* populations, pp. 139-163. In Proc. Knapweed Symposium, Kamloops, British Columbia, October 6-7, 1977. Brit. Colum. Ministry of Agric., Victoria, B.C., Canada.
- Zwölfer, H. 1980. Distelblütenköpfe als ökologische Kleinsysteme: Konkurrenz und Koexistence in Phytophagensystemen. Mitt dtsch Ges allg Ent 2: 21-37.
- Zwölfer, H. 1985. Insects and Thistle Heads: Resource Utilization and Guild Structure, pp. 407-416. In E. S. Delfosse (ed.), Proc. VI Int. Symp. Biol. Contr. Weeds, 19-25 August 1984, Vancouver, Canada. Agriculture Canada.
- Zwölfer, H. 1988. Evolutionary and ecological relationships of the insect fauna of thistles. Ann. Rev. Entomol. 33: 103-122.
- Zwölfer, H. and R. Brandl. 1989. Niches and size relationships in Coleoptera associated with Cardueae host plants: Adaptations to resource gradients. Oecologia 78: 60-68.
- Zwölfer, H. and O. Eichhorn. 1966. The host ranges of *Cassida* spp. (Col., Chrysomelidae) attacking Cynareae (Compositae) in Europe. Z. ang. Ent. 58:384-397.
- Zwölfer, H., K. E. Frick and L. A. Andres. 1971. A study of the host plant relationships of European members of the genus *Larinus* (Col.: Curculionidae). Commonwealth Institute of Biological Control, Technical Bulletin No.14. 143 p.
- Zwölfer, H., E. D. Schulze and H. Zwölfer. 1987. Species richness, species packing, and evolution in insect-plant systems, pp. 301-319. In F. D. Schulze and H. Zwölfer (eds.), Potentials and Limitations of Ecosystem Analysis. Ecological Studies 61, Springer Berlin Heidelberg, New York.