

## Appendix E Papers that Were Accepted for ECOTOX

### E1. Acceptable for ECOTOX and OPP

1. Aitken, R. J., Ryan, A. L., Baker, M. A., and McLaughlin, E. A. (2004). Redox Activity Associated with the Maturation and Capacitation of Mammalian Spermatozoa. *Free Rad.Biol.Med.* 36: 994-1010.  
  
EcoReference No.: 100193  
Chemical of Concern: RTN,CPS; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(RTN,CPS).
2. Akpinar, M. B., Erdogan, H., Sahin, S., Ucar, F., and Ilhan, A. (2005). Protective Effects of Caffeic Acid Phenethyl Ester on Rotenone-Induced Myocardial Oxidative Injury. *Pestic.Biochem.Physiol.* 82: 233-239.  
  
EcoReference No.: 99975  
Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(RTN).
3. Amer, S. M. and Aboul-Ela, E. I. (1985). Cytogenetic Effects of Pesticides. III. Induction of Micronuclei in Mouse Bone Marrow by the Insecticides Cypermethrin and Rotenone. *Mutation Res.* 155: 135-142.  
  
EcoReference No.: 99593  
Chemical of Concern: CYP,RTN; Habitat: T; Effect Codes: CEL,PHY,MOR; Rejection Code: LITE EVAL CODED(RTN),OK(CYP).
4. Bartlett, B. R. (1966). Toxicity and Acceptance of Some Pesticides Fed to Parasitic Hymenoptera and Predatory Coccinellids. *J.Econ.Entomol.* 59: 1142-1149.  
  
EcoReference No.: 98221  
Chemical of Concern:  
AND,ARM,AZ,DCTP,Captan,CBL,CHD,CYT,DDT,DEM,DZ,DCF,DLD,DMT,DINO,ES,EN,ETN,F  
NTH,FBM,HPT,HCCH,MLN,MXC,MVP,Naled,KER,PRN,RTN,SBDA,SFR,TXP,TCF,Zineb;  
Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL  
CODED(RTN),OK(ARM,AZ,Captan,CBL,DZ,DCF,DMT,ES,MLN,MXC,MVP,Naled,SFR).
5. Behrouz, B., Drolet, R. E., Sayed, Z. A., Lookingland, K. J., and Goudreau, J. L. (2007). Unique Responses to Mitochondrial Complex I Inhibition in Tuberoinfundibular Dopamine Neurons may Impart Resistance to Toxic Insult. *Neuroscience* 147: 592-598.  
  
EcoReference No.: 99974  
Chemical of Concern: RTN; Habitat: T; Effect Codes: PHY,BCM,CEL; Rejection Code: LITE EVAL CODED(RTN).
6. Betarbet, R., Canet-Aviles, R. M., Sherer, T. B., Mastroberardino, P. G., McLendon, C., Kim, J. H., Lund, S., Na, H. M., Taylor, G., Bence, N. F., Kopito, R., Seo, B. B., Yagi, T., Yagi, A., Klinefelter, G., Cookson, M. R., and Greenamyre, J. T. (2006). Intersecting Pathways to Neurodegeneration in Parkinson's Disease: Effects of the Pesticide Rotenone on DJ-1, alpha-Synuclein, and the Ubiquitin-Proteasome System. *Neurobiol.Dis.* 22: 404-420.  
  
EcoReference No.: 99973  
Chemical of Concern: RTN; Habitat: T; Effect Codes: MOR,BCM,CEL; Rejection Code: LITE EVAL CODED(RTN).
7. Blackstone, N. W. (2003). Redox Signaling in the Growth and Development of Colonial Hydroids. *J.Exp.Biol.*

206 : 651-658.

EcoReference No.: 79877

Chemical of Concern: ATM,RTN; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(ATM,RTN).

8. Butterworth, P. E., Perry, R. N., and Barrett, J. (1989). The Effects of Specific Metabolic Inhibitors on the Energy Metabolism of *Globodera rostochiensis* and *Panagrellus redivivus*. *Rev.Nematol.* 12: 63-67.

EcoReference No.: 82939

Chemical of Concern: ADC,FMP,CBF,CML,DDVP,CN,RTN; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: LITE EVAL CODED(ADC,RTN),OK(CBF,CML),TARGET(FMP),NO COC(ASCN).

9. Cheng, W. W. and Farrell, A. P. (2007). Acute and Sublethal Toxicities of Rotenone in Juvenile Rainbow Trout (*Oncorhynchus mykiss*): Swimming Performance and Oxygen Consumption. *Arch.Environ.Contam.Toxicol.* 52: 388-396.

EcoReference No.: 99972

Chemical of Concern: RTN; Habitat: A; Effect Codes: PHY,MOR; Rejection Code: LITE EVAL CODED(RTN).

10. Crutchfield, K. C. and Dluzen, D. E. (2006). Rotenone Produces Opposite Effects Upon Mouse Striatal Dopamine Function as a Result of Environmental Temperature. *Neurotox.Res.* 9: 15-21.

EcoReference No.: 100113

Chemical of Concern: RTN; Habitat: T; Effect Codes: MOR,BCM; Rejection Code: LITE EVAL CODED(RTN).

11. Dawson, V. K., Bills, T. D., and Boogaard, M. A. (1998). Avoidance Behavior of Ruffe Exposed to Selected Formulations of Piscicides. *J.Gt.Lakes Res.* 24: 343-350.

EcoReference No.: 9308

Chemical of Concern: RTN,ATM,NSM; Habitat: A; Effect Codes: BEH; Rejection Code: LITE EVAL CODED(RTN).

12. Diaz-Corrales, F. J., Asanuma, M., Miyazaki, I., Miyoshi, K., and Ogawa, N. (2005). Rotenone Induces Aggregation of gamma-Tubulin Protein and Subsequent Disorganization of the Centrosome: Relevance to Formation of Inclusion Bodies and Neurodegeneration. *Neuroscience* 133: 117-135.

EcoReference No.: 99971

Chemical of Concern: RTN; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(RTN).

13. Fajt, J. R. (1996). Toxicity of Rotenone to Common Carp and Grass Carp: Respiratory Effects, Oral Toxicity, and Evaluation of a Poison Bait. *Ph.D.Thesis, Auburn Univ., Auburn, AL* 77 p.

EcoReference No.: 82755

Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR,BEH,BCM; Rejection Code: LITE EVAL CODED(RTN).

14. Gilderhus, P. A. (1982). Effects of an Aquatic Plant and Suspended Clay on the Activity of Fish Toxicants. *N.Am.J.Fish.Manag.* 2: 301-306.

EcoReference No.: 15277

Chemical of Concern: PMR,RTN,ATM; Habitat: A; Effect Codes: MOR; Rejection Code: LITE

EVAL CODED(RTN),NO CONTROL(PMR,ATM).

15. Hayes, D. J. , O'Dowd, A. B., Selwood, D. L., Stables, J. N., Comley, J. C. W., and Rees, M. J. (1990). The Effect of Two Novel Analogues of Antimycin A on Oxygen Consumption and Survival of Filarial Nematodes In Vitro. *Mol.Biochem.Parasitol.* 38: 159-168.

EcoReference No.: 100013

Chemical of Concern: RTN,ATM,KCN; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: LITE EVAL CODED(RTN).

16. Hill, E. F. and Camardese, M. B. (1986). Lethal Dietary Toxicities of Environmental Contaminants and Pesticides to Coturnix. *U.S.Fish Wildl.Serv., Fish Wildl.Tech.Rep.No.2* 147 p.

EcoReference No.: 50181

Chemical of Concern:

24D,24DXY,ACP,ADC,AMSV,AMTL,AND,ARM,ATN,ATZ,AZ,BMC,BMN,BMY,Captan,CBF,CBL,CdCl,CHD,CMPH,CPY,CPYM,CrS,DBN,DCF,DCTP,DDT,DDVP,DEM,DFPM,DINO,DLD,DMB,DMT,DQTB,DS,DU,DZ,EN,EP,ES,ETN,FMP,FNF,FNT,FNTH,FTTCl,GYP,HCCH,HgCl2,HPT,IF P,K2Cr207,LNR,Maneb,MCB,MCPB,MDT,MLN,MLT,MOM,MP,MRX,MSMA,MTAS,MTM,MVP,MXC,Naled,Ni,OXD,Pb,PbN,PCB,PCL,PCP,PHSL,PMR,PPB,PPHD,PPN,PPX,PQT,PRN,PRT,PSM,PYN,RSM,RTN,SPS,SZ,TBO,TCF,TEPP,TFN,THM,TMP,TVMP, TVP,V,Zineb,Ziram,ZnP; Habitat: T; Effect Codes: MOR,BEH; Rejection Code: LITE EVAL CODED(ACP,ADC,ATZ,Captan,CBF,CBL,CPY,CPYM,DZ,GYP,MLN,MLT,MOM,MP,MTAS,MTM,Naled,PMR,PRT,PSM,RTN,SZ,Ziram),OK(CMPH,DCF,DCTP,DU,EP,ES,FMP,MDT,MVP,OXD,PPN,PQT,TBO,TEPP,TFN,TMP,TVP).

17. Hoglinger, G. U., Lannuzel, A., Khondiker, M. E., Michel, P. P., Duyckaerts, C., Feger, J., Champy, P., Prigent, A., Medja, F., Lombes, A., Oertel, W. H., Ruberg, M., and Hirsch, E. C. (2005). The Mitochondrial Complex I Inhibitor Rotenone Triggers a Cerebral Tauopathy. *J.Neurochem.* 95: 930-939.

EcoReference No.: 99976

Chemical of Concern: RTN; Habitat: T; Effect Codes: PHY,CEL,BCM,GRO; Rejection Code: LITE EVAL CODED(RTN).

18. Hudson, R. H., Tucker, R. K., and Haegele, M. A. (1984). Handbook of Toxicity of Pesticides to Wildlife. *Resour.Publ.No.153, Fish Wildl.Serv., 2nd Edition, U.S.D.I., Washington, DC* 90 p.

EcoReference No.: 50386

Chemical of Concern:

ACP,ACL,ACR,ADC,AND,ATN,AMTL,ANZ,ATZ,4AP,AZ,PPX,BTY,Captan,CBL,CBF,CHD,CQT,C,CPY,CMPH,CZE,24D,DDT,DDVP,DEF,DEM,DZ,DBN,DLN,DCF,DCTP,DLD,DMT,DQTB,DS,DU,ES,EDT,EN,EP,ETN,FNT,FNTH,FMV,Folpet,FNF,HPT,PSM,HCCH,MLN,MDT,MCB,MOM,MTN,TPN,MXC,MP,MVP,MRX,NABAM,Naled,FMP,PQT,PRN,PCP,PRT,PCL,RSM,RTN,STAR,STCH,TCDD,TMP,TZL,TVP,TZL,THM,TXP,TCF,TFN,ZnP,Zineb,PCB; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PSM,ATZ,DU,MDT,PRT,RTN,CPY,24D,DS),TARGET(Zn).

19. Inden, M., Kitamura, Y., Takeuchi, H., Yanagida, T., Takata, K., Kobayashi, Y., Taniguchi, T., Yoshimoto, K., Kaneko, M., Okuma, Y., Taira, T., Ariga, H., and Shimohama, S. (2007). Neurodegeneration of Mouse Nigrostriatal Dopaminergic System Induced by Repeated Oral Administration of Rotenone is Prevented by 4-Phenylbutyrate, a Chemical Chaperone. *J.Neurochem.* 101: 1491-1504.

EcoReference No.: 99967

Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM,PHY; Rejection Code: LITE EVAL CODED(RTN).

20. Kotze, A. C. , Dobson, R. J., and Chandler, D. (2006). Synergism of Rotenone by Piperonyl Butoxide in

Haemonchus contortus and Trichostrongylus colubriformis In Vitro: Potential for Drug-Synergism Through Inhibition of Nematode Oxidative Detoxification Pathways. *Vet.Parasitol.* 136: 275-282.

EcoReference No.: 100292

Chemical of Concern: PPB,RTN; Habitat: T; Effect Codes: POP,BEH; Rejection Code: LITE EVAL CODED(RTN),OK(PPB).

21. Lawrence, J. M. (1956). Preliminary Results on the Use of Potassium Permanganate to Counteract the Effects of Rotenone on Fish. *Prog.Fish Cult.* 18: 15-17.

EcoReference No.: 99592

Chemical of Concern: KPM,RTN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(RTN).

22. Lazur, A., Early, S., and Jacobs, J. M. (2006). Acute Toxicity of 5% Rotenone to Northern Snakeheads. *N.Am.J.Fish.Manag.* 26: 628-630.

EcoReference No.: 97210

Chemical of Concern: RTN; Habitat: A; Effect Codes: POP,MOR,PHY; Rejection Code: LITE EVAL CODED(RTN).

23. Luo, C., Rajput, A. H., Akhtar, S., and Rajput, A. (2007). Alpha-Synuclein and Tyrosine Hydroxylase Expression in Acute Rotenone Toxicity. *Int.J.Mol.Med.* 19: 517-521.

EcoReference No.: 99649

Chemical of Concern: RTN; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: LITE EVAL CODED(RTN).

24. Manley, S. L. and Barbero, P. E. (2001). Physiological Constraints on Bromoform (CHBr<sub>3</sub>) Production by *Ulva lactuca* (Chlorophyta). *Limnol.Oceanogr.* 46: 1392-1399.

EcoReference No.: 99732

Chemical of Concern: RTN; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: LITE EVAL CODED(RTN).

25. Mao, Y. R., Jiang, L., Duan, Y. L., An, L. J., and Jiang, B. (2007). Efficacy of Catalpol as Protectant Against Oxidative Stress and Mitochondrial Dysfunction on Rotenone-Induced Toxicity in Mice Brain. *Environ.Toxicol.Pharmacol.* 23: 314-318.

EcoReference No.: 99733

Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(RTN).

26. Marking, L. L. and Bills, T. D. (1976). Toxicity of Rotenone to Fish in Standardized Laboratory Tests. *Invest.Fish Control No.72, Fish Wildl.Serv., Bur.Sport Fish.Wildl., U.S.D.I., Washington, D.C.* 11 p.

EcoReference No.: 7853

Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(RTN).

27. Marletto, F., Patetta, A., and Manino, A. (2003). Laboratory Assessment of Pesticide Toxicity to Bumblebees. *Bull.Insectol.* 56: 155-158.

EcoReference No.: 73698

Chemical of Concern: RTN,PHSL,IMC,LCYT,CYF,DMT,ABM,ACP,CBL,CPYM,MOM; Habitat: T; Effect Codes: MOR; Rejection Code: LITE EVAL

CODED(DMT,CPYM,RTN),OK(ACP,CBL,CYF,MOM).

28. National Toxicology Program (1988). Toxicology and Carcinogenesis Studies of Rotenone in F344/N Rats and B6C3F1 Mice (Feed Studies). *Tech.Rep.Ser.No.320,NIEHS,NC* 159 p.

EcoReference No.: 100616

Chemical of Concern: RTN; Habitat: T; Effect Codes: BEH,MOR,GRO,PHY,CEL; Rejection Code: LITE EVAL CODED(RTN).

29. Oberg, K. E. (1964). The Inhibition of the Respiration of Brain Mitochondria of Rotenone-Poisoned Fish. *Exp.Cell Res.* 36: 407-410.

EcoReference No.: 100143

Chemical of Concern: RTN; Habitat: A; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(RTN).

30. Phinney, A. L., Andringa, G., Bol, J. G. J. M., Wolters, E. C., Van Muiswinkel, F. L., Van Dam, A. M. W., and Drukarch, B. (2006). Enhanced Sensitivity of Dopaminergic Neurons to Rotenone-Induced Toxicity with Aging. *Parkinsonism Related Disorders* 12: 228-238.

EcoReference No.: 99965

Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM,GRO,MOR; Rejection Code: LITE EVAL CODED(RTN).

31. Richardson, J. R., Quan, Y., Sherer, T. B., Greenamyre, J. T., and Miller, G. W. (2005). Paraquat Neurotoxicity is Distinct from that of MPTP and Rotenone. *Toxicol.Sci.* 88: 193-201.

EcoReference No.: 81295

Chemical of Concern: PAQT,RTN; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: LITE EVAL CODED(RTN).

32. Richter, F., Hamann, M., and Richter, A. (2007). Chronic Rotenone Treatment Induces Behavioral Effects but no Pathological Signs of Parkinsonism in Mice. *J.Neurosci.Res.* 85: 681-691.

EcoReference No.: 100290

Chemical of Concern: RTN; Habitat: T; Effect Codes: GRO,BEH,CEL,MOR; Rejection Code: LITE EVAL CODED(RTN).

33. Samantaray, S., Knaryan, V. H., Guyton, M. K., Matzelle, D. D., Ray, S. K., and Banik, N. L. (2007). The Parkinsonian Neurotoxin Rotenone Activates Calpain and Caspase-3 Leading to Motoneuron Degeneration in Spinal Cord of Lewis Rats. *Neuroscience* 146: 741-755.

EcoReference No.: 99734

Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM,GRO,PHY,MOR; Rejection Code: LITE EVAL CODED(RTN).

34. Sanchez-Reus, M. I., Gomez del Rio, M. A., Iglesias, I., Elorza, M., Slowing, K., and Benedi, J. (2007). Standardized Hypericum perforatum Reduces Oxidative Stress and Increases Gene Expression of Antioxidant Enzymes on Rotenone-Exposed Rats. *Neuropharmacology* 52: 606-616.

EcoReference No.: 100293

Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM,CEL; Rejection Code: LITE EVAL CODED(RTN).

35. Terzi, A., Iraz, M., Sahin, S., Ilhan, A., Idiz, N., and Fadillioglu, E. (2004). Protective Effects of Erdosteine on Rotenone-Induced Oxidant Injury in Liver Tissue. *Toxicol.Ind.Health* 20: 141-147.

EcoReference No.: 99735

Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM; Rejection Code: LITE EVAL CODED(RTN).

36. Ved, R., Saha, S., Westlund, B., Perier, C., Burnam, L., Sluder, A., Hoener, M., Rodrigues, C. M. P., Alfonso, A., Steer, C., Liu, L., Przedborski, S., and Wolozin, B. (2005). Similar Patterns of Mitochondrial Vulnerability and Rescue Induced by Genetic Modification of alpha-Synuclein, Parkin, and DJ-1 in *Caenorhabditis elegans*. *J.Biol.Chem.* 280: 42655-42668.

EcoReference No.: 100164

Chemical of Concern: RTN; Habitat: A; Effect Codes: CEL,PHY,BCM; Rejection Code: LITE EVAL CODED(RTN).

37. Vehovszky, A., Szabo, H., Hiripi, L., Elliott, C. J. H., and Hernadi, L. (2007). Behavioural and Neural Deficits Induced by Rotenone in the Pond Snail *Lymnaea stagnalis*. A Possible Model for Parkinson's Disease in an Invertebrate. *Eur.J.Neurosci.* 25: 2123-2130.

EcoReference No.: 99650

Chemical of Concern: RTN; Habitat: A; Effect Codes: BEH,PHY,BCM,MOR; Rejection Code: LITE EVAL CODED(RTN).

38. Walker, C. R., Burress, R. M., and Gilderhus, P. A. (1981). Plastic Enclosures and Containers for Evaluating the Efficacy and Safety of Pesticides in Aquatic Environments. In: *E.W.Schafer, Jr and C.R.Walker (Eds.), Vertebrate Pest Control and Management Materials, 3rd Conf., ASTM STP 752, Philadelphia, PA* 149-160.

EcoReference No.: 77448

Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(RTN).

#### **Acceptable for ECOTOX but not OPP**

1. Alali, F., Zeng, L., Zhang, Y., Ye, Q., Hopp, D. C., Schwedler, J. T., and McLaughlin, J. L. (1997). 4-Deoxyannonomontacin (2,4-cis and trans)-Annonomontacinone, New Bioactive Mono-tetrahydrofuran Annonaceous Acetogenins from *Goniothalamus giganteus*. *Bioorg.Med.Chem.* 5: 549-555.

EcoReference No.: 100282

Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(RTN).

2. Alali, F. Q., Zhang, Y., Rogers, L., and McLaughlin, J. L. (1997). (2,4-cis and trans)-Gigantecinone and 4-Deoxygigantecin, Bioactive Nonadjacent bis-Tetrahydrofuran Annonaceous Acetogenins, from *Goniothalamus giganteus*. *J.Nat.Prod.* 60: 929-933.

EcoReference No.: 100019

Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(RTN).

3. Alali, F. Q., Zhang, Y., Rogers, L., and McLaughlin, J. L. (1998). Mono-Tetrahydrofuran Acetogenins from *Goniothalamus giganteus*. *Phytochemistry* 49: 761-768.

EcoReference No.: 100018

Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(RTN).

4. Alia and Saradhi, P. P. (1993). Suppression in Mitochondrial Electron Transport is the Prime Cause Behind Stress Induced Proline Accumulation. *Biochem.Biophys.Res.Commun.* 193: 54-58.  
  
EcoReference No.: 99583  
Chemical of Concern: NaCl,CdCl,ATM,RTN; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(RTN).
5. Ambrose, A. M., Christensen, H. E., and Rather, L. J. (1953). Toxicological and Pharmacological Studies on Dihydrorotenone. *J.Am.Pharm.Assoc.* 42: 364-366.  
  
EcoReference No.: 100160; Habitat: T; Effect Codes: GRO,CEL,BEH; Rejection Code: NO COC(RTN).
6. Ambrose, A. M., DeEds, F., and Cox, A. J. Jr. (1943). The Effect of High Fat Diet on Chronic Toxicity of Derris and Rotenone. *J.Pharmacol.Exp.Ther.* 78: 90-92.  
  
EcoReference No.: 99667  
Chemical of Concern: RTN,DERR; Habitat: T; Effect Codes: GRO,BEH,CEL; Rejection Code: NO ENDPOINT(RTN,DERR).
7. Baldwin, N. A. and Bennett, J. R. (1990). Evaluation of Chemical Treatments for Inhibition of Earthworm Casting in Amenity Turf. *Tests Agrochem.Cultiv.* 11: 14-15.  
  
EcoReference No.: 40463  
Chemical of Concern: Fe,RTN,CuS,KPM,CBL,CHD,SFR; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(RTN)//NO OM, ERE//.
8. Berry, M. N., Fanning, D. C., Grivell, A. R., and Wallace, P. G. (1980). Ethanol Oxidation by Isolated Hepatocytes from Fed and Starved Rats and from Rats Exposed to Ethanol, Phenobarbitone or 3-Amino-Triazole. No Evidence for a Physiological Role of a Microsomal Ethanol Oxidation System. *Biochem.Pharmacol.* 29: 2161-2168.  
  
EcoReference No.: 100022  
Chemical of Concern: ETHN,ATM,RTN; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: NO IN VITRO(RTN).
9. Berry, M. N., Grivell, A. R., and Wallace, P. G. (1983). Biological Significance of Compartmentation of Hepatic Ethanol Oxidation. *Pharmacol.Biochem.Behav.* 18: 201-207.  
  
EcoReference No.: 100163  
Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM; Rejection Code: NO IN VITRO(RTN).
10. Bills, T. D. and Marking, L. L. (1988). Control of Nuisance Populations of Crayfish with Traps and Toxicants. *Prog.Fish-Cult.* 50: 103-106.  
  
EcoReference No.: 7603  
Chemical of Concern: EDT,CBL,MLN,CYF,CuS,RTN,NaN3,ATM; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(RTN,MLN).
11. Buckingham, D. E. (1930). Action of Rotenone upon Mammals when Taken by Mouth - Preliminary Report. *Ind.Eng.Chem.* 22: 1133-1134.  
  
EcoReference No.: 100144  
Chemical of Concern: RTN; Habitat: T; Effect Codes: PHY,POP; Rejection Code: NO CONTROL(RTN).

12. Cardol, P., Matagne, R. F., and Remacle, C. (2002). Impact of Mutations Affecting ND Mitochondria-Encoded Subunits on the Activity and Assembly of Complex I in *Chlamydomonas*. Implication for the Structural Organization of the Enzyme. *J.Mol.Biol.* 319: 1211-1221.
- EcoReference No.: 99898  
 Chemical of Concern: RTN,ATM; Habitat: A; Effect Codes: GRO,PHY; Rejection Code: NO ENDPOINT(RTN).
13. Chadderton, L., Kelleher, S., Brow, A., Shaw, T., Studholme, B., and Barrier, R. (2003). Testing the Efficacy of Rotenone as a Piscicide for New Zealand Pest Fish Species. *In: Managing Invasive Freshwater Fish in New Zealand* 113-130.
- EcoReference No.: 99664  
 Chemical of Concern: RTN; Habitat: A; Effect Codes: BEH,MOR; Rejection Code: NO ENDPOINT,NO CONTROL(RTN).
14. Charalambous, A., Tluczek, L., Frey, K. A., Higgins, D. S. Jr., Greenamyre, T. J., and Kilbourn, M. R. (1995). Synthesis and Biological Evaluation in Mice of (2-[11C]Methoxy)-6',7'-Dihydrorotenol, a Second Generation Rotenoid for Marking Mitochondrial Complex I Activity. *Nucl.Med.Biol.* 22: 491-496.
- EcoReference No.: 99899  
 Chemical of Concern: RTN; Habitat: T; Effect Codes: ACC; Rejection Code: NO ENDPOINT,NO CONTROL(RTN).
15. Cope, O. B. (1965). Sport Fishery Investigations. *In: Fish and Wildl.Serv.Cicr.226, Effects of Pesticides on Fish and Wildlife - 1964 Research Findings of the Fish and Wildlife Service, Washington, D.C.:* 51-63 (Publ in Part As 6797).
- EcoReference No.: 2871  
 Chemical of Concern:  
 CHD,CuS,PAQT,MCB,TFN,DBN,DZ,AND,PYN,HPT,EN,DLD,HCCH,EPRN,DDT,TXP,MRT,VNT ,CU,ATN,DU,SZ,MLN,RTN,MXC,DDVP,DMT,FNTH,TCF,ADC,CBL,BS,DBM,FNF,24DXY,AMS V,DBAC,NSM,BYT,MVP,PPG; Habitat: A; Effect Codes: MOR,BCM; Rejection Code: NO CONTROL(RTN,PPG,24DXY,Naled,BS,MLN).
16. Cutkomp, L. K. (1943). Toxicity of Rotenone and Derris Extract Administered Orally to Birds. *J.Pharmacol.Exp.Ther.* 77: 238-246.
- EcoReference No.: 99668  
 Chemical of Concern: RTN,DERR; Habitat: T; Effect Codes: MOR; Rejection Code: NO ENDPOINT(RTN,DERR).
17. Davies, P. H. and Brinkman, S. (1994). Water Pollution Studies. *In: Fed.Aid Proj.#F-33, Colorado Div.of Wildl., Fish Res.Sect., Fort Collins, CO* 138 p.
- EcoReference No.: 90601  
 Chemical of Concern: NH,Pb,Cu,Cd,ZnS,CdS,RTN,ATM,FML,Ag,Zn; Habitat: A; Effect Codes: MOR,BEH,ACC,BCM; Rejection Code: OK(ZnS),NO CONC(RTN),NO FATE(Zn).
18. Deng, Y., Ye, J., and Mi, H. (2003). Effects of Low CO<sub>2</sub> on NAD(P)H Dehydrogenase, a Mediator of Cyclic Electron Transport Around Photosystem I in the Cyanobacterium *Synechocystis* PCC6803. *Plant Cell Physiol.* 44: 534-540.
- EcoReference No.: 100020  
 Chemical of Concern: RTN; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(RTN).

19. Denis, S. and Devlin, T. M. (1968). The Effect of Oligomycin on the Development of Amphibian Eggs. *Exp.Cell Res.* 52: 308-318.
- EcoReference No.: 100148; Habitat: A; Effect Codes: REP,CEL; Rejection Code: NO COC(RTN).
20. Detaille, D., Guigas, B., Leverve, X., Wiernsperger, N., and Devos, P. (2002). Obligatory Role of Membrane Events in the Regulatory Effect of Metformin on the Respiratory Chain Function. *Biochem.Pharmacol.* 63: 1259-1272.
- EcoReference No.: 100548  
Chemical of Concern: RTN; Habitat: A; Effect Codes: BCM,ACC; Rejection Code: NO IN VITRO(RTN).
21. Diehn, B. and Tollin, G. (1967). Phototaxis in Euglena. IV. Effect of Inhibitors of Oxidative and Photophosphorylation on the Rate of Phototaxis. *Arch.Biochem.Biophys.* 121: 169-177.
- EcoReference No.: 100147  
Chemical of Concern: ATM,RTN,CN; Habitat: A; Rejection Code: NO CONTROL(ATM),NO ENDPOINT(RTN,CN).
22. Engstrom-Heg, R. (1972). Kinetics of Rotenone-Potassium Permanganate Reactions as Applied to the Protection of Trout Streams. *N.Y.Fish Game J.* 19: 47-58.
- EcoReference No.: 100320  
Chemical of Concern: RTN; Habitat: A; Effect Codes: PHY,ACC; Rejection Code: NO ENDPOINT(RTN).
23. Fox, I. and De Leon, D. (1982). Evaluation of Insecticides in Collars and Powders Against the Cat Fur Mite *Felistrphorus radofskyi* (Tenorio) on Persian Cats. *J.Agric.Univ.P.R.* 66: 139-144.
- EcoReference No.: 91301  
Chemical of Concern: DDVP,Naled,MXC,CBL,RTN; Habitat: T; Effect Codes: PHY,POP,MOR,BEH; Rejection Code: NO ENDPOINT(Naled,CBL,RTN).
24. Geisler, D. A., Johansson, F. I., Svensson, A. S., and Rasmusson, A. G. (2004). Antimycin A Treatment Decreases Respiratory Internal Rotenone-Insensitive NADH Oxidation Capacity in Potato Leaves. *BMC Plant Biol.* 4: 1-10.
- EcoReference No.: 79875  
Chemical of Concern: ATM,RTN; Habitat: T; Effect Codes: BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).
25. Haag, H. B. (1937). Toxicity of Rotenone. A Study of the Toxicity to Humans and Animals of Rotenone-Bearing Products. *Soap* 13: 112c,112d,137.
- EcoReference No.: 99674  
Chemical of Concern: RTN,CUBE,DERR; Habitat: T; Effect Codes: PHY,MOR; Rejection Code: NO CONTROL(RTN,CUBE,DERR).
26. Hart, D. T., Vickerman, K., and Coombs, G. H. (1981). Respiration of *Leishmania mexicana* Amastigotes and Promastigotes. *Mol.Biochem.Parasitol.* 4: 39-51.
- EcoReference No.: 100323  
Chemical of Concern: RTN; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(RTN).

27. Haseman, J. K. and Clark, A. M. (1990). Carcinogenicity Results for 114 Laboratory Animal Studies Used to Assess the Predictivity of Four In Vitro Genetic Toxicity Assays for Rodent Carcinogenicity. *Environ.Mol.Mutagen.Suppl.* 18: 15-31.
- EcoReference No.: 97464  
Chemical of Concern:  
ASCN,BNZ,DCB,12DPA,13DPA,ISO,MLO,MEL,MEN,PL,PPO,TCDD,3CE,Ziram,DCB,RTN,4CE,  
LIM,DDVP,24DC,OXT; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(ALL  
CHEMS).
28. Hernandez, F. R. and Turrens, J. F. (1998). Rotenone at High Concentrations Inhibits NADH-Fumarate Reductase and the Mitochondrial Respiratory Chain of *Trypanosoma brucei* and *T. cruzi*. *Mol.Biochem.Parasitol.* 93: 135-137.
- EcoReference No.: 99930  
Chemical of Concern: RTN; Habitat: A; Effect Codes: BCM,PHY; Rejection Code: NO  
ENDPOINT(RTN).
29. Higashi, S. and Kawai, K. (1970). Properties and Function of the Respiratory Chain of Freshwater Mussel Spermatozoa in Relation to Motility. *Biochim.Biophys.Acta* 216: 274-281.
- EcoReference No.: 99663  
Chemical of Concern: RTN,ATM,PCP; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: NO  
ENDPOINT,NO CONTROL(RTN).
30. Hooper, A. D. and Crance, J. H. (1960). Use of Rotenone in Restoring Balance to Overcrowded Fish Populations in Alabama Lakes. *Trans.Am.Fish.Soc.* 89: 351-357.
- EcoReference No.: 88417  
Chemical of Concern: RTN; Habitat: A; Effect Codes: POP; Rejection Code: NO  
CONTROL,ENDPOINT (RTN).
31. Ioset, J. R., Marston, A., Gupta, M. P., and Hostettmann, K. (2001). Five new Prenylated Stilbenes from the Root Bark of *Lonchocarpus chiricanus*. *J.Nat.Prod.* 64: 710-715.
- EcoReference No.: 100017  
Chemical of Concern: RTN; Habitat: AT; Effect Codes: MOR,GRO; Rejection Code: NO  
ENDPOINT,NO CONTROL(RTN).
32. Jaap, W. C. and Wheaton, J. (1975). Observations on Florida Reef Corals Treated with Fish-Collecting Chemicals. *Fla.Mar.Res.Publ.* 10: 1-18.
- EcoReference No.: 100514; Habitat: A; Effect Codes: BEH,POP,PHY; Rejection Code: NO  
COC(RTN).
33. Jasso-Chavez, R. and Moreno-Sanchez, R. (2003). Cytosol-Mitochondria Transfer of Reducing Equivalents by a Lactate Shuttle in Heterotrophic *Euglena*. *Eur.J.Biochem.* 270: 4942-4951.
- EcoReference No.: 100547; Habitat: A; Effect Codes: POP; Rejection Code: NO COC(RTN).
34. Juarez, O., Guerra, G., Martinez, F., and Pardo, J. P. (2004). The Mitochondrial Respiratory Chain of *Ustilago maydis*. *Biochim.Biophys.Acta* 1658: 244-251.
- EcoReference No.: 80116  
Chemical of Concern: ATM,RTN,CN; Habitat: T; Effect Codes: PHY; Rejection Code: NO  
ENDPOINT(ALL CHEMS).

35. Kamal, R. and Mangla, M. (1993). In Vivo and In Vitro Investigations on Rotenoids from *Indigofera tinctoria* and Their Bioefficacy Against the Larvae of *Anopheles stephensi* and Adults of *Callosbruchus chinensis*. *J.Biosci.* 18: 93-101.
- EcoReference No.: 100145  
 Chemical of Concern: RTN; Habitat: AT; Effect Codes: MOR; Rejection Code: NO CONTROL(RTN).
36. Kou, J., Klorig, D. C., and Bloomquist, J. R. (2006). Potentiating Effect of the ATP-Sensitive Potassium Channel Blocker Glibenclamide on Complex I Inhibitor Neurotoxicity In Vitro and In Vivo. *Neurotoxicology* 27: 826-834.
- EcoReference No.: 99966  
 Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM; Rejection Code: NO IN VITRO(RTN).
37. Lintermans, M. and Raadik, T. (2003). Local Eradication of Trout from Streams Using Rotenone: The Australian Experience. *In: Managing Invasive Freshwater Fish in New Zealand* 95-111.
- EcoReference No.: 99665  
 Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR,POP; Rejection Code: NO ENDPOINT(RTN).
38. Londershausen, M., Leicht, W., Lieb, F., Moeschler, H., and Weiss, H. (1991). Molecular Mode of Action of Annonins. *Pestic.Sci.* 33: 427-438.
- EcoReference No.: 80357  
 Chemical of Concern: RTN,CN,CYF,ATM,PRN; Habitat: AT; Effect Codes: BCM,MOR; Rejection Code: LITE EVAL CODED(ATM,CYF),NO IN VITRO(RTN).
39. Lund, B. O., Miller, D. M., and Woods, J. S. (1993). Studies on Hg(II)-Induced H<sub>2</sub>O<sub>2</sub> Formation and Oxidative Stress In Vivo and In Vitro in Rat Kidney Mitochondria. *Biochem.Pharmacol.* 45: 2017-2024.
- EcoReference No.: 100021  
 Chemical of Concern: HgCl<sub>2</sub>,ATM,RTN; Habitat: T; Effect Codes: BCM; Rejection Code: NO IN VITRO(RTN).
40. Lyche, A., Faafeng, B. A., and Brabrand, A. (1990). Predictability and Possible Mechanisms of Plankton Response to Reduction of Planktivorous Fish. *Hydrobiologia* 200/201: 251-261.
- EcoReference No.: 100206  
 Chemical of Concern: RTN; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(RTN).
41. Mallick, N., Mohn, F. H., and Soeder, C. J. (2000). Evidence Supporting Nitrite-Dependent NO Release by the Green Microalga *Scenedesmus obliquus*. *J.Plant Physiol.* 157: 40-46.
- EcoReference No.: 77628  
 Chemical of Concern: PCP,NP,RTN,ATM; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).
42. McFerren, M. A. and Rodriguez, E. (1998). Piscicidal Properties of Piperovatine from *Piper piscatorum* (Piperaceae). *J.Ethnopharmacol.* 60: 183-187.
- EcoReference No.: 99582; Habitat: A; Effect Codes: PHY,MOR,BEH; Rejection Code: NO COC(RTN).

43. Meepagala, K. M., Schrader, K. K., Wedge, D. E., and Duke, S. O. (2005). Algicidal and Antifungal Compounds from the Roots of *Ruta graveolens* and Synthesis of Their Analogs. *Phytochemistry* 66: 2689-2695.
- EcoReference No.: 90534  
 Chemical of Concern: BMY,Captan,RTN; Habitat: AT; Effect Codes: POP,MOR; Rejection Code: NO CONTROL (RTN, ENDPOINT-Captan).
44. Mendis, A. H. W., Armson, A., Thompson, R. C. A., and Grubb, W. B. (1991 ). The Response of Intact *Strongyloides ratti* Infective (L3) Larvae to Substrates and Inhibitors of Respiratory Electron Transport. *Int.J.Parasitol.* 21: 965-968 .
- EcoReference No.: 99581  
 Chemical of Concern: ATM,RTN; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(RTN).
45. Mendis, A. H. W. and Townson, S. (1985). Evidence for the Occurrence of Respiratory Electron Transport in Adult *Brugia pahangi* and *Dipetalonema viteae*. *Mol.Biochem.Parasitol.* 14: 337-354.
- EcoReference No.: 100023  
 Chemical of Concern: RTN,ATM,NaN3,KCN; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: NO ENDPOINT(RTN,NaN3).
46. Mitsuhashi, J., Grace, T. D. C., and Waterhouse, D. F. (1970). Effects of Insecticides on Cultures of Insect Cells. *Entomol.Exp.Appl.* 13: 327-341.
- EcoReference No.: 2797  
 Chemical of Concern: CBL,DZ,HCCH,MLN,PPB,PYN,RTN,ATN,AND,DDT,DLD,MXC; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(MLN,RTN).
47. Nishiuchi, Y. (1980). Toxicity of Formulated Pesticides to Fresh Water Organisms LXXII. *Suisan Zoshoku* 27: 238-244 (JPN).
- EcoReference No.: 6701  
 Chemical of Concern: CPYM,AMZ,PPG,TVP,PIM,ES,FLAC,PHSL,NCTN,HPT,RTN,DDT,CHD,DLD,MOM,ACP,Naled,C PY; Habitat : A; Effect Codes: MOR; Rejection Code: NO CONTROL(RTN,PPG,CPYM,CPY,Naled).
48. Oberg, K. E. (1967). The Reversibility of the Respiratory Inhibition in Gills and the Ultrastructural Changes in Chloride Cells from the Rotenone-Poisoned Marine Teleost, *Gadus callarias* L. *Exp.Cell Res.* 45: 590-602.
- EcoReference No.: 100146  
 Chemical of Concern: RTN; Habitat: A; Effect Codes: BCM; Rejection Code: NO ENDPOINT(RTN).
49. Oberlies, N. H., Rogers, L. L., Martin, J. M., and McLaughlin, J. L. (1998). Cytotoxic and Insecticidal Constituents of the Unripe Fruit of *Persea americana*. *J.Nat.Prod.* 61: 781-785.
- EcoReference No.: 100016  
 Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(RTN).
50. Papaioannou, K. Z., Murphy, R. P., Monks, R. S., Hynes, N., Ryan, M. P., Boland, M. P., and Roche, J. F. (1997). Assessment of Viability and Mitochondrial Function of Equine Spermatozoa Using Double

Staining and Flow Cytometry. *Theriogenology* 48: 299-312.

EcoReference No.: 99929

Chemical of Concern: RTN; Habitat: T; Effect Codes: BCM,MOR,PHY; Rejection Code: NO CONTROL(RTN).

51. Ramp, T., Bachmann, R., and Kohler, P. (1985). Respiration and Energy Conservation in the Filarial Worm *Litomosoides carinii*. *Mol.Biochem.Parasitol.* 15: 11-20.

EcoReference No.: 100024

Chemical of Concern: RTN,ATM,CN; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: NO ENDPOINT(RTN).

52. Ratnasabapathy, R., Tom, M., and Post, C. (1997). Modulation of the Hepatic Expression of the Estrogen-Regulated mRNA Stabilizing Factor by Estrogenic and Antiestrogenic Nonsteroidal Xenobiotics. *Biochem.Pharmacol.* 53: 1425-1434.

EcoReference No.: 99731

Chemical of Concern: DLD,TXP,RTN; Habitat: T; Effect Codes: CEL; Rejection Code: NO ENDPOINT(RTN).

53. Rosa, R., Ocampos, D., Crivellaro, O., and Bacila, M. (1977). Effect of Inhibitors of the Respiratory Chain and Oxidative Phosphorylation on the Endogenous Respiration of the Sea-Urchin *Lytechinus variegatus* Spermatozoa. *Comp.Biochem.Physiol.* 58B: 13-16.

EcoReference No.: 99658

Chemical of Concern: RTN; Habitat: A; Effect Codes: PHY; Rejection Code: NO ENDPOINT(RTN).

54. Sanni, S. and Waervagen, S. B. (1990). Oligotrophication as a Result of Planktivorous Fish Removal with Rotenone in the Small, Eutrophic, Lake Mosvatn, Norway. *Hydrobiologia* 200/201: 263-274.

EcoReference No.: 99659

Chemical of Concern: RTN; Habitat: A; Effect Codes: POP,BCM; Rejection Code: NO ENDPOINT(RTN).

55. Santhamma, K. R. and Bhaduri, A. (1995). Characterization of the Respiratory Chain of *Leishmania donovani* Promastigotes. *Mol.Biochem.Parasitol.* 75: 43-53.

EcoReference No.: 99730

Chemical of Concern: RTN; Habitat: T; Effect Codes: PHY,BCM; Rejection Code: NO ENDPOINT(RTN).

56. Schoff, P. K. and Lardy, H. A. (1987). Effects of Fluoride and Caffeine on the Metabolism and Motility of Ejaculated Bovine Spermatozoa. *Biol.Reprod.* 37: 1037-1046.

EcoReference No.: 98392

Chemical of Concern: SFL,RTN; Habitat: T; Effect Codes: BEH; Rejection Code: NO ENDPOINT(SFL,RTN).

57. Scott, G. C., Pickett, J. A., Smith, M. C., Woodcock, C. M., Harris, P. G. W., Hammon, R. P., and Koetecha, H. D. (1984). Seed Treatments for Controlling Slugs in Winter Wheat. *Br.Crop Prot.Conf.- Pests and Dis.* 1: 133-138.

EcoReference No.: 79951

Chemical of Concern:

DZM,RTN,ADC,MCB,BMN,AMZ,CBF,TMP,BMNO,THO,DM,THM,DNB,NCTN,AV,GER;  
Habitat: T; Effect Codes: MOR,PHY,POP; Rejection Code: LITE EVAL CODED(DZM,DNB),NO  
ENDPOINT(ADC,RTN,THO),OK(BMN,AMZ,CBF,TMP,BMNO,DM,THM,NCTN,AV,GER).

58. Shacklock, P. F. and Croft, G. B. (1981). Effect of Grazers on Chondrus crispus in Culture. *Aquaculture* 22: 331-342.

EcoReference No.: 69472

Chemical of Concern: DMT,MLN,CBL,RTN,DZ; Habitat: A; Effect Codes: MOR,GRO,BEH;  
Rejection Code: LITE EVAL CODED(CBL,DZ,MLN,DMT),NO MIXTURE(RTN).

59. Shapiro, J. and Wright, D. I. (1984). Lake Restoration by Biomanipulation: Round Lake, Minnesota, the First Two Years. *Freshw.Biol.* 14: 371-383.

EcoReference No.: 99657

Chemical of Concern: RTN; Habitat: A; Effect Codes: POP; Rejection Code: NO  
ENDPOINT(RTN).

60. Skrinjaric-Spoljar, M., Matthews, H. B., Engel, J. L., and Casida, J. E. (1971). Response of Hepatic Microsomal Mixed-Function Oxidases to Various Types of Insecticide Chemical Synergists Administered to Mice. *Biochem.Pharmacol.* 20: 1607-1618.

EcoReference No.: 93207

Chemical of Concern: TBF,RTN,PPB,CMPH; Habitat: T; Effect Codes: BCM,BEH; Rejection Code: NO  
ENDPOINT(TBF,RTN,PPB,CMPH).

61. Smith, M. W. (1940). Copper Sulphate and Rotenone as Fish Poisons. *Trans.Am.Fish Soc.* 69: 141-157.

Chemical of Concern: DERR,CUBE; Habitat: A; Rejection Code: NO CONTROL(DERR,CUBE).

62. Stavroulakis, G., Adediran, K. A., Nikoloudi, A., Petrakis, C., Kalaitzaki, A., and Michelakis, S. (2001). Rotenone: Efficiency Against Olive Fly (*Bactrocera oleae* Gmelin) and Residual Activity in Olive Oil. *Biol.Agric.Hortic.* 19: 207-217.

EcoReference No.: 99666

Chemical of Concern: RTN; Habitat: T; Effect Codes: POP,MOR,ACC; Rejection Code: NO  
ENDPOINT(RTN).

63. Stohs, S. J., Grafstrom, R. C., Burke, M. D., and Orrenius, S. (1976). Xenobiotic Metabolism and Enzyme Induction in Isolated Rat Intestinal Microsomes. *Drug Metab.Dispos.* 4: 517-521.

EcoReference No.: 94860

Chemical of Concern: BAP,RTN,ATM,BPH; Habitat: T; Effect Codes: BCM; Rejection Code: NO  
FATE(BPH), NO ENDPOINT (ALL CHEMS).

64. Tompkins, W. A. (1953). An Apparent Case of Rotenone Tolerance in a Bluegill, *Lepomis macrochirus*. *Trans.Kentucky Acad.Sci.* 14: 43 p.

EcoReference No.: 99673

Chemical of Concern: RTN; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO  
CONTROL(RTN).

65. Turner, J. C., Shanks, V., Osborn, P. J., and Gower, S. M. (1987). Copper Absorption in Sheep. *Comp.Biochem.Physiol.* 86C: 147-150.

EcoReference No.: 99656

Chemical of Concern: SFL,RTN,Cu; Habitat: T; Effect Codes: BCM,ACC; Rejection Code: OK(Cu),NO IN VITRO(RTN,SFL).

66. VanBrocklin, H. F., Hanrahan, S. M., Enas, J. D., Nandan, E., and O'Neil, J. P. (2007). Mitochondrial Avid Radioprobes. Preparation and Evaluation of 7'(Z)-[125I]Iodorotenone and 7'(Z)-[125I]Iodorotenol. *Nucl.Med.Biol.* 34: 109-116 .

EcoReference No.: 100280; Habitat: T; Effect Codes: BCM,GRO; Rejection Code: NO COC(RTN).

67. Walsh, M. J. and Blum, J. J. (1992). Effects of Hypoxia and Acute Osmotic Stress on Intermediary Metabolism in Leishmania promastigotes. *Mol.Biochem.Parasitol.* 50: 205-214.

EcoReference No.: 100322

Chemical of Concern: RTN; Habitat: A; Effect Codes: PHY,BCM; Rejection Code: NO ENDPOINT(RTN).

68. Willey, R. G., Daskocil, M. J., and Lembi, C. A. (1973). Potential of the White Amur (*Ctenopharyngodon idella* Val.) as a Biological Control for Aquatic Weeds in Indiana. *Proc.Indiana Acad.Sci.* 83: 173-178.

EcoReference No.: 100149

Chemical of Concern: RTN; Habitat: A; Effect Codes: BEH; Rejection Code: NO ENDPOINT,NO CONTROL(RTN).

69. Yang, J., Hu, L. F., Liu, X., Zhou, F., Ding, J. H., and Hu, G. (2006). Effects of Iptakalim on Extracellular Glutamate and Dopamine Levels in the Striatum of Unilateral 6-Hydroxydopamine-Lesioned Rats: A Microdialysis Study. *Life Sci.* 78: 1940-1944.

EcoReference No.: 99661; Habitat: T; Effect Codes: BCM; Rejection Code: NO COC(RTN).

70. Yenesew, A., Kiplagat, J. T., Derese, S., Midiwo, J. O., Kabaru, J. M., Heydenreich, M., and Peter, M. G. (2006). Two Unusual Rotenoid Derivatives, 7a-O-Methyl-12a-Hydroxydeguelol and Spiro-13-homo-13-Oxaelliptone, from the Seeds of *Derris trifoliata*. *Phytochemistry* 67: 988-991.

EcoReference No.: 100092; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(RTN).

71. Yenesew, A., Mushibe, E. K., Induli, M., Derese, S., Midiwo, J. O., Kabaru, J. M., Heydenreich, M., Koch, A., and Peter, M. G. (2005). 7a-O-Methyldeguelol, a Modified Rotenoid with an Open Ring-C, from the Roots of *Derris trifoliata*. *Phytochemistry* 66: 653-657.

EcoReference No.: 100093; Habitat: T; Effect Codes: MOR; Rejection Code: NO COC(RTN).

## Excluded ECOTOX Papers

### E2. Papers that Were Excluded from ECOTOX

#### Excluded

1. 2005). 1003 The neuropeptide PACAP27 protected PC12 cells against rotenone-induced neurotoxicity by membrane PAC1 receptor: Abstracts of the XVIIIth World Congress of Neurology. *Journal of the Neurological Sciences* 238: S354-S355.  
Rejection Code: IN VITRO.
2. 1966). 937 Rotenone continued: Santi, R. & Toth, C. E. (1965). Toxicology of rotenone. *Farmaco* 20, 270. *Food and Cosmetics Toxicology* 4: 108-525.  
Rejection Code: REVIEW.
3. 1983). Cardiac microsomal rotenone-insensitive NADH cytochrome C reductase (RINCR): Inhibition by various species of long-chain acyl CoA : W.B. Weglicki, F.F. Kennett, T.E. Knauer and K. Owens, Cardiovascular Research Laboratory, Oklahoma Medical Research Foundation, Oklahoma City, OK 73104. *Journal of Molecular and Cellular Cardiology* 15: 41-187.  
Rejection Code: IN VITRO.
4. 2001). Plant Mitochondria and Oxidative Stress: Electron Transport, Nadph Turnover, and Metabolism of Reactive Oxygen Species. *Annual Review of Plant Physiology and Plant Molecular Biology*, 52 (-) pp. 561-591, 2001.  
Rejection Code: IN VITRO, REVIEW.
5. 2005). S.08.04 The rotenone model: 18th ECNP Congress. *European Neuropsychopharmacology* 15: S328-44.  
Rejection Code: MODELING.
6. Abou-Khalil, Samir, Abou-Khalil, Wafa H., and Yunis, Adel A. (1982). Inhibition by nitroso-chloramphenicol of the proton translocation in mitochondria. *Biochemical Pharmacology* 31: 3823-3830.  
Rejection Code: IN VITRO.
7. Abramov, A. Y., Jacobson, J., Wientjes, F., Hothersall, J., Canevari, L., and Duchen, M. R. ( Expression and Modulation of an Nadph Oxidase in Mammalian Astrocytes. *J neurosci.* 2005, oct 5; 25(40):9176-84. [*The journal of neuroscience : the official journal of the society for neuroscience*]: *J Neurosci.*  
Rejection Code: IN VITRO.
8. Affourtit, Charles, Heaney, Steve P., and Moore, Anthony L. (2000). Mitochondrial electron transfer in the wheat pathogenic fungus *Septoria tritici*: on the role of alternative respiratory enzymes in fungicide resistance. *Biochimica et Biophysica Acta (BBA) - Bioenergetics* 1459: 291-298.  
Rejection Code: IN VITRO.
9. Affranchino, Jose L., De Tarlovsky, Martha N. S., and Stoppani, Andres O. M. (1985). Respiratory control in mitochondria from *Trypanosoma cruzi*. *Molecular and Biochemical Parasitology* 16: 289-298.  
Rejection Code: IN VITRO.
10. Agani, Faton H., Pichiule, Paola, Carlos Chavez, Juan, and LaManna, Joseph C. (2002). Inhibitors of mitochondrial complex I attenuate the accumulation of hypoxia-inducible factor-1 during hypoxia in Hep3B cells. *Comparative Biochemistry and Physiology - Part A: Molecular & Integrative Physiology* 132: 107-109.  
Rejection Code: HUMAN HEALTH.
11. Agbon, A., Ofojekwu, C., and Ezenwaka, I. (2004). Acute Toxicity of Water Extract of *Tephrosia Vogelii* Hook

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