**Appendix A:** Citations for studies used in analyses. Raw data is available upon request.

Akhtar N, Yamaguchi M, Inada H, Hoshino D, Kondo T, Fukami M, Funada R, Izuta T (2010) Effects of ozone on growth, yield and leaf gas exchange rates of four Bangladeshi cultivars of rice (*Oryza sativa* l.). *Environmental Pollution* **158**:2970-2976

Akhtar N, Yamaguchi M, Inada H, Hoshino D, Kondo T, Izuta T (2010) Effects of ozone on growth, yield and leaf gas exchange rates of two Bangladeshi cultivars of wheat (*Triticum aestivum* l.). *Environmental Pollution* **158**:1763-1767

Ambasht NK, Agrawal M (2003) Effects of enhanced UV-B radiation and tropospheric ozone on physiological and biochemical characteristics of field grown wheat. *Biologia Plantarum* **47**:625-628

Andersen CP, Scagel CF (1997) Nutrient availability alters belowground respiration of ozone-exposed ponderosa pine. *Tree Physiology* **17**:377-387

Back J, Vanderklein DW, Topa MA (1999) Effects of elevated ozone on CO2 uptake and leaf structure in sugar maple under two light environments. *Plant Cell and Environment* **22**:137-147

Balaguer L, Barnes JD, Panicucci A, Borland AM (1995) Production and utilization of assimilates in wheat (*Triticum-aestivum* l) leaves exposed to elevated O3 and/or CO2. *New Phytologist* **129**:557-568

Barnes JD, Pfirrmann T (1992) The influence of CO2 and O3, singly and in combination, on gas-exchange, growth and nutrient status of radish (*Raphanus-sativus* l). *New Phytologist* **121**:403-412

Biswas DK, Xu H, Li YG, Sun JZ, Wang XZ, Jiang GM (2008) Genotypic differences in leaf biochemical, physiological and growth responses to ozone in 20 winter wheat cultivars released over the past 60 years. *Global Change Biology* **14**:46-59

Blumenrother MC, Löw M, Matyssek R, Osswald W (2007) Flux-based response of sucrose and starch in leaves of adult beech trees (*Fagus sylvatica* l.) under chronic free-air O3 fumigation. *Plant* *Biology* **9**:207-214

Booker FL, Burkey KO, Pursley WA, Heagle AS (2007) Elevated carbon dioxide and ozone effects on peanut: I. Gas-exchange, biomass, and leaf chemistry. *Crop Science* **47**:1475-1487

Booker FL, Miller JE, Fiscus EL, Pursley WA, Stefanski LA (2005) Comparative responses of container- versus ground-grown soybean to elevated carbon dioxide and ozone. *Crop Science* **45**:883-895

Bortier K, Vandermeiren K, De Temmerman L, Ceulemans R (2001) Growth, photosynthesis and ozone uptake of young beech (*Fagus sylvatica* l.) in response to different ozone exposures. *Trees-Structure and Function* **15**:75-82

Calatayud V, Cervero J, Calvo E, Garcia-Breijo FJ, Reig-Arminana J, Sanz MJ (2011) Responses of evergreen and deciduous *Quercus* species to enhanced ozone levels. *Environmental Pollution* **159**:55-63

Cardoso-Vilhena J, Balaguer L, Eamus D, Ollerenshaw J, Barnes J (2004) Mechanisms underlying the amelioration of O3-induced damage by elevated atmospheric concentrations of CO2. *Journal of Experimental Botany* **55**:771-781

Cardoso-Vilhena J, Barnes J (2001) Does nitrogen supply affect the response of wheat (*Triticum aestivum* cv. *Hanno*) to the combination of elevated CO2 and O3? *Journal of Experimental Botany* **52**:1901-1911

Clark CS, Weber JA, Lee EH, Hogsett WE (1995) Accentuation of gas-exchange gradients in flushes of ponderosa pine exposed to ozone. *Tree Physiology* **15**:181-189

Coleman MD, Isebrands JG, Dickson RE, Karnosky DF (1995) Photosynthetic productivity of aspen clones varying in sensitivity to tropospheric ozone. *Tree Physiology* **15**:585-592

Contran N, Paoletti E (2007) Visible foliar injury and physiological responses to ozone in Italian provenances of *Fraxinus excelsior* and *F-ornus*. *The Scientific World Journal* **7**:90-97

Donnelly A, Craigon J, Black CR, Colls JJ, Landon G (2001) Does elevated CO2 ameliorate the impact of O3 on chlorophyll content and photosynthesis in potato (*Solanum tuberosum*)? *Physiologia* *Plantarum* **111**:501-511

Edwards, GS, Wullschleger, SD, Kelly, JM (1994) Growth and physiology of Northern Red Oak: preliminary comparisons of mature tree and seedling responses to ozone. *Environmental Pollution*, **83**(1-2): 215–221.

Elvira S, Alonso R, Inclan R, Bermejo V, Castillo FJ, Gimeno BS (1995) Ozone effects on aleppo pine seedlings (*Pinus halepensis* mill) grown in open-top chambers. *Water Air and Soil Pollution* **85**:1387-1392

Farage PK, Long SP (1999) The effects of O3 fumigation during leaf development on photosynthesis of wheat and pea: An in vivo analysis. *Photosynthesis Research* **59**:1-7

Fares S, Oksanen E, Lannenpaa M, Julkunen-Tiitto R, Loreto F (2010) Volatile emissions and phenolic compound concentrations along a vertical profile of *Populus nigra* leaves exposed to realistic ozone concentrations. *Photosynthesis Research* **104**:61-74

Feng ZZ, Kobayashi K, Ainsworth EA (2008) Impact of elevated ozone concentration on growth, physiology, and yield of wheat (*Triticum aestivum* l.): A meta-analysis. *Global Change Biology* **14**:2696-2708

Fernandez-Bayon JM, Barnes JD, Ollerenshaw JH, Davison AW (1993) Physiological-effects of ozone on cultivars of watermelon (*Citrullus lanatus*) and muskmelon (*Cucumis melo*) widely grown in Spain. *Environmental Pollution* **81**:199-206

Fontaine V, Pelloux J, Podor M, Afif D, Gérant D, Grieu P, Dizengremel P (1999) Carbon fixation in *Pinus halepensis* submitted to ozone. Opposite response of ribulose-1,5-bisphosphate carboxylase/oxygenase and phosphoenolpyruvate carboxylase. *Physiologia Plantarum* **105**:187-192

Gravano, E, Bussotti, F, Strasser, RJ, Schaub, M, Novak, K, Skelly, J, Tani, C (2004) Ozone symptoms in leaves of woody plants in open-top chambers: Ultrastructural and physiological characteristics. *Physiologia Plantarum*, **121**(4):620–633

Hanson PJ, Samuelson LJ, Wullschleger SD, Tabberer TA, Edwards GS (1994) Seasonal patterns of light-saturated photosynthesis and leaf conductance for mature and seedling *Quercus rubra* l foliage - differential sensitivity to ozone exposure. *Tree Physiology* **14**:1351-1366

He XY, Fu SL, Chen W, Zhao TH, Xu S, Tuba Z (2007) Changes in effects of ozone exposure on growth, photosynthesis, and respiration of *Ginkgo biloba* in Shenyang urban area. *Photosynthetica* **45**:555-561

Herbinger K, Then C, Löw M, Haberer K, Alexous M, Koch N, Remele K, Heerdt C, Grill D, Rennenberg H, Häberle KH, Matyssek R, Tausz M, Wieser G (2005) Tree age dependence and within-canopy variation of leaf gas exchange and antioxidative defense in *Fagus sylvatica* under experimental free-air ozone exposure. *Environmental Pollution* **137**:476-482

Kellomäki S, Wang KY (1997) Effects of elevated O3 and CO2 concentrations on photosynthesis and stomatal conductance in Scots pine. *Plant Cell and Environment* **20**:995-1006

Kleier C, Farnsworth B, Winner W (1998) Biomass, reproductive output, and physiological responses of rapid-cycling brassica (*Brassica rapa*) to ozone and modified root temperature. *New Phytologist* **139**:657-664

Kouterick KB, Skelly JM, Fredericksen TS, Steiner KC, Kolb TE, Ferdinand JA (2000) Foliar injury, leaf gas exchange and biomass responses of black cherry (*Prunus serotina* ehrh.) half-sibling families to ozone exposure. *Environmental Pollution* **107**:117-126

Kronfuß, G, Polle, A, Tausz, M, Havranek, W, Wieser, G (1998) Effects of ozone and mild drought stress on gas exchange, antioxidants and chloroplast pigments in current-year needles of young Norway spruce [P*icea abies* (L.) Karst]. *Trees-Structure And Function* **12**:482–489

Kull, O, Sôber, A, Coleman, MD, Dickson, RE, Isebrands, JG, Gagnon, Z, Karnosky, DF (1996) Photosynthetic responses of aspen clones to simultaneous exposures of ozone and CO2. *Canadian Journal of Forest Research* **26**:639-648

Kytöviita, MM, Le Thiec, D, Dizengremel, P (2001) Elevated CO2 and ozone reduce nitrogen acquisition by *Pinus halepensis* from its mycorrhizal symbiont. *Physiologia Plantarum* **111**(3):305–312

Leonardi S, Langebartels C (1990) Fall exposure of beech saplings (*Fagus sylvatica* l) to ozone and simulated acidic mist - effects on gas-exchange and leachability. *Water Air and Soil Pollution* **54**:143-153

Le Thiec, D, Manninen, S (2003) Ozone and water deficit reduced growth of Aleppo pine seedlings. *Plant Physiology and Biochemistry* **41**(1):55–63

Lippert M, Steiner K, Payer HD, Simons S, Langebartels C, Sandermann H (1996) Assessing the impact of ozone on photosynthesis of European beech (*Fagus sylvatica* l) in environmental chambers. *Trees-Structure and Function* **10**:268-275

Loats KV, Rebbeck J (1999) Interactive effects of ozone and elevated carbon dioxide on the growth and physiology of black cherry, green ash, and yellow-poplar seedlings. *Environmental Pollution* **106**:237-248

Löw M, Häberle KH, Warren CR, Matyssek R (2007) O3 flux-related responsiveness of photosynthesis, respiration, and stomatal conductance of adult *Fagus sylvatica* to experimentally enhanced free-air O3 exposure. *Plant Biology* **9**:197-206

Löw M, Herbinger K, Nunn AJ, Häberle KH, Leuchner M, Heerdt C, Werner H, Wipfler P, Pretzsch H, Tausz M, Matyssek R (2006) Extraordinary drought of 2003 overrules ozone impact on adult beech trees (*Fagus sylvatica*). *Trees-Structure and Function* **20**:539-548

Manes F, Donato E, Vitale M (2001) Physiological response of *Pinus halepensis* needles under ozone and water stress conditions. *Physiologia Plantarum* **113**:249-257

Matyssek, R., Günthardt-Goerg, M. S., Keller, T., & Scheidegger, C. (1991) Impairment of gas exchange and structure in birch leaves (*Betula pendula*) caused by low ozone concentrations. *Trees-Structure And Function* **5**(1):5–13

Miller JE, Booker FL, Fiscus EL, Heagle AS, Pursley WA, Vozzo SF, Heck WW (1994) Ultraviolet-B radiation and ozone effects on growth, yield, and photosynthesis of soybean. *Journal of Environmental Quality* **23**:83-91

Moraes RM, Bulbovas P, Furlan CM, Domingos M, Meirelles ST, Delitti WBC, Sanz MJ (2006) Physiological responses of saplings of *Caesalpinia echinata* lam., a Brazilian tree species, under ozone fumigation. *Ecotoxicology and Environmental Safety* **63**:306-312

Noble, RD, Jensen, KF, Ruff, BS, Loats, KV (1992) Response of *Acer saccharum* seedlings to elevated carbon dioxide and ozone. *Ohio Journal of Science* **92**(3):60–62

Oguntimehin I, Eissa F, Sakugawa H (2010) Simultaneous ozone fumigation and fluoranthene sprayed as mists negatively affected cherry tomato (*Lycopersicon esculentum* mill). *Ecotoxicology and Environmental Safety* **73**:1028-1033

Oksanen E (2003) Physiological responses of birch (*Betula pendula*) to ozone: A comparison between open-soil-grown trees exposed for six growing seasons and potted seedlings exposed for one season. *Tree Physiology* **23**:603-614

Oksanen E, Amores G, Kokko H, Santamaria JM, Karenlampi L (2001) Genotypic variation in growth and physiological responses of Finnish hybrid aspen (*Populus tremuloides* x *P-tremula*) to elevated tropospheric ozone concentration. *Tree Physiology* **21**:1171-1181

Pääkkönen E, Metsarinne S, Holopainen T, Karenlampi L (1996) The ozone sensitivity of birch (*Betula pendula*) in relation to the developmental stage of leaves. *New Phytologist* **132**:145-154

Pääkkönen, E, Günthardt-Goerg, M, & Holopainen, T (1998) Responses of leaf processes in a sensitive birch (*Betula pendula* roth) clone to ozone combined with drought. *Annals of Botany* **82**:49-59

Paludan-Müller, G, Saxe, H, Leverenz, JW (1999) Responses to ozone in 12 provenances of European beech (*Fagus sylvatica*): genotypic variation and chamber effects on photosynthesis and dry‐matter partitioning. *New Phytologist* **144**:261–273

Paoletti E, Grulke NE (2005) Does living in elevated CO2 ameliorate tree response to ozone? A review on stomatal responses. *Environmental Pollution* **137**:483-493

Paoletti E, Grulke NE (2010) Ozone exposure and stomatal sluggishness in different plant physiognomic classes. E*nvironmental Pollution* **158**:2664-2671

Paoletti E, Nali C, Lorenzini G (2007) Early responses to acute ozone exposure in two *Fagus sylvatica* clones differing in xeromorphic adaptations: Photosynthetic and stomatal processes, membrane and epicuticular characteristics. *Environmental Monitoring and Assessment* **128**:93-108

Pearson M (1995) Effects of ozone on growth and gas-exchange of *Eucalyptus globulus* seedlings. *Tree Physiology* **15**:207-210

Pell EJ, Eckardt N, Enyedi AJ (1992) Timing of ozone stress and resulting status of ribulose bisphosphate carboxylase oxygenase and associated net photosynthesis. *New Phytologist* **120**:397-405

Pellegrini E, Francini A, Lorenzini G, Nali C (2010) PSII photochemistry and carboxylation efficiency in *Liriodendron tulipifera* under ozone exposure. *Environmental and Experimental Botany* **70**:217-226

Pina JM, Moraes RM Gas exchange, antioxidants and foliar injuries in saplings of a tropical woody species exposed to ozone. *Ecotoxicology and Environmental Safety* **73**:685-691

Plazek A, Rapacz M, Skoczowski A (2000) Effects of ozone fumigation on photosynthesis and membrane permeability in leaves of spring barley, meadow fescue, and winter rape. *Photosynthetica* **38**:409-413

Power SA, Ashmore MR (2002) Responses of fen and fen-meadow communities to ozone. *New Phytologist* **156**:399-408

Rebbeck J, Loats KV (1997) Ozone effects on seedling sugar maple (*Acer saccharum*) and yellow-poplar (*Liriodendron tulipifera*): Gas exchange. *Canadian Journal of Forest Research* **27**:1595-1605

Rebbeck J, Scherzer AJ, Loats KV (2004) Foliar physiology of yellow-poplar (*Liriodendron tulipifera* l.) exposed to O3 and elevated CO2 over five seasons. *Trees-Structure and Function* **18**:253-263

Reichenauer TG, Goodman BA, Kostecki P, Soja G (1998) Ozone sensitivity in *Triticum durum* and *T-aestivum* with respect to leaf injury, photosynthetic activity and free radical content. *Physiologia* *Plantarum* **104**:681-686

Reiling K, Davison AW (1995) Effects of ozone on stomatal conductance and photosynthesis in populations of *Plantago major* l. *New Phytologist* **129**:587-594

Retzlaff WA, Williams LE, Dejong TM (1991) The effect of different atmospheric ozone partial pressures on photosynthesis and growth of 9 fruit and nut tree species. *Tree Physiology* **8**:93-105

Riikonen, J, Holopainen, T, Oksanen, E, Vapaavuori, E (2005) Leaf photosynthetic characteristics of silver birch during three years of exposure to elevated concentrations of CO2 and O3 in the field. *Tree Physiology* **25**(5):621–632

Robinson JM, Britz SJ (2000) Tolerance of a field grown soybean cultivar to elevated ozone level is concurrent with higher leaflet ascorbic acid level, higher ascorbate-dehydroascorbate redox status, and long-term photosynthetic productivity. *Photosynthesis Research* **64**:77-87

Rudorff BFT, Mulchi CL, Lee E, Rowland R, Pausch R (1996) Photosynthetic characteristics in wheat exposed to elevated O3 and CO2. *Crop Science* **36**:1247-1251

Ryan A, Cojocariu C, Possell M, Davies WJ, Hewitt CN (2009) Defining hybrid poplar (*Populus* *deltoides* x *Populus trichocarpa*) tolerance to ozone: Identifying key parameters. *Plant Cell and Environment* **32**:31-45

Samuelson, L (1994) The role of microclimate in determining the sensitivity of *Quercus rubra* L. to ozone. *New Phytologist* **128**:235-241

Sanmartin M, Drogoudi PD, Lyons T, Pateraki I, Barnes J, Kanellis AK (2003) Over-expression of ascorbate oxidase in the apoplast of transgenic tobacco results in altered ascorbate and glutathione redox states and increased sensitivity to ozone. *Planta* **216**:918-928

Schaub M, Skelly, JM, Steiner, KC, et al. (2003) Physiological and foliar injury responses of *Prunus* *serotina, Fraxinus americana*, and *Acer rubrum* seedlings to varying soil moisture and ozone. *Environmental Pollution* **124**:307-320

Schloter M, Winkler JB, Aneja M, Koch N, Fleishmann F, Pritsch K, Heller W, Sitch S, Grams TEE, Göttlein A, Matyssek R, Munch JC (2005) Short term effects of ozone on the plant-rhizosphere-bulk soil system of young beech trees. *Plant Biology* **7**:728-736

Seiler, JR, Tyszko, PB, Chevone, BI (1994) Effects of long-term ozone fumigations on growth and gas exchange of Fraser fir seedlings. *Environmental Pollution* **85**(3):265–269

Singh E, Tiwari S, Agrawal M (2009) Effects of elevated ozone on photosynthesis and stomatal conductance of two soybean varieties: A case study to assess impacts of one component of predicted global climate change. *Plant Biology* **11**:101-108

Singh P, Agrawal M, Agrawal SB (2009) Evaluation of physiological, growth and yield responses of a tropical oil crop (*Brassica campestris* l. Var. *Kranti*) under ambient ozone pollution at varying NPK levels. *Environmental Pollution* **157**:871-880

Soldatini GF, Lorenzini G, Filippi F, Nali C, Guidi L (1998) Photosynthesis of two poplar clones under long-term exposure to ozone. *Physiologia Plantarum* **104**:707-712

Soldatini GF, Nali C, Guidi L, Lorenzini G (1998) Photosynthesis of *Hedera canariensis* var. *Azorica* variegated leaves as affected by ozone. *Photosynthetica* **35**:247-253

Takemoto, B, Bytnerowicz, A, Dawson, P, Morrison, C, Temple, P (1997) Effects of ozone on *Pinus ponderosa* seedlings: Comparison of responses in the first and second growing seasons of exposure. *Canadian Journal Of Forest Research* **27**(1):23–30

Then C, Herbinger K, Luis VC, Heerdt C, Matyssek R, Wieser G (2009) Photosynthesis, chloroplast pigments, and antioxidants in *Pinus canariensis* under free-air ozone fumigation. *Environmental* *Pollution* 157:392-395

Tjoelker MG, Luxmoore RJ (1991) Soil-nitrogen and chronic ozone stress influence physiology, growth and nutrient status of *Pinus-taeda*-l and *Liriodendron-tulipifera*-l seedlings. *New Phytologist* **119**:69-81

Tjoelker MG, Volin JC, Oleksyn J, Reich PB (1993) Light environment alters response to ozone stress in seedlings of *Acer saccharum* marsh and hybrid *Populus* l .1. In-situ net photosynthesis, dark respiration and growth. *New Phytologist* **124**:627-636

Tjoelker MG, Volin JC, Oleksyn J, Reich PB (1995) Interaction of ozone pollution and light effects on photosynthesis in a forest canopy experiment. *Plant Cell and Environment* **18**:895-905

Torsethaugen G, Pitcher LH, Zilinskas BA, Pell EJ (1997) Overproduction of ascorbate peroxidase in the tobacco chloroplast does not provide protection against ozone. *Plant Physiology* **114**:529-537

Vitale M, Salvatori E, Loreto F, Fares S, Manes F (2008) Physiological responses of *Quercus ilex* leaves to water stress and acute ozone exposure under controlled conditions. *Water Air and Soil Pollution* **189**:113-125

Volin, J, Reich, P, & Givnish, T (1998) Elevated carbon dioxide ameliorates the effects of ozone on photosynthesis and growth: species respond similarly regardless of photosynthetic pathway or plant functional group. *New Phytologist* **138**(2):315–325

von Tiedemann A, Firsching KH (2000) Interactive effects of elevated ozone and carbon dioxide on growth and yield of leaf rust-infected versus non-infected wheat. *Environmental Pollution* **108**:357-363

Wahid A (2006) Productivity losses in barley attributable to ambient atmospheric pollutants in Pakistan. *Atmospheric Environment* **40**:5342-5354

Wahid A, Ahmad SS, Butt ZA, Ahmad M Exploring the hidden threat of gaseous pollutants using rice (*Oryza sativa* l.) plants in Pakistan. *Pakistan Journal of Botany* **43**:365-382

Wallin, G, Skärby, L, Selldén, G (1990) Long-term exposure of Norway spruce, *Picea abies* (L.) Karst, to ozone in open-top chambers. I. Effects on the capacity of net photosynthesis, dark respiration and leaf conductance of shoots of different ages. *New Phytologist* **115**:335–344

Watanabe M, Umemoto-Yamaguchi M, Koike T, Izuta T (2010) Growth and photosynthetic response of *Fagus crenata* seedlings to ozone and/or elevated carbon dioxide. *Landscape and Ecological Engineering* **6**:181-190

Weber JA, Clark CS, Hogsett WE (1993) Analysis of the relationships among O3 uptake, conductance, and photosynthesis in needles of *Pinus ponderosa*. *Tree Physiology* **13**:157-172.

Wei, C, Skelly, JM, Pennypacker, SP, Ferdinand, JA, Savage, JE, Stevenson, RE, Davis, DD (2004) Influence of light fleck and low light on foliar injury and physiological responses of two hybrid poplar clones to ozone. *Environmental Pollution* **130**(2):215–227

Welfare K, Flowers TJ, Taylor G, Yeo AR (1996) Additive and antagonistic effects of ozone and salinity on the growth, ion contents and gas exchange of five varieties of rice (*Oryza sativa* l). *Environmental Pollution* **92**:257-266

Wiese CB, Pell EJ (1997) Influence of ozone on transgenic tobacco plants expressing reduced quantities of rubisco. *Plant Cell and Environment* **20**:1283-1291

Wullschleger, S, Hanson, P, Edwards, GS (1996) Growth and maintenance respiration in leaves of northern red oak seedlings and mature trees after 3 years of ozone exposure. *Plant Cell And Environment* **19**:577–584

Yamaji K, Julkunen-Tiitto R, Rousi M, Freiwald V, Oksanen E (2003) Ozone exposure over two growing seasons alters root-to-shoot ratio and chemical composition of birch (*Betula pendula* roth). *Global Change Biology* **9**:1363-1377

Yan K, Chen W, He XY, Zhang GY, Xu S, Wang LL (2010) Responses of photosynthesis, lipid peroxidation and antioxidant system in leaves of *Quercus mongolica* to elevated O3. *Environmental and Experimental Botany* **69**:198-204

Yonekura T, Dokiya Y, Fukami M, Izuta T (2001) Effects of ozone and/or soil water stress on growth and photosynthesis of *Fagaus crenata* seedlings. *Water Air and Soil Pollution* **130**:965-970

Yun, SC, Laurence, JA (1999) The response of clones of *Populus tremuloides* differing in sensitivity to ozone in the field. *New Phytologist* **141**(3):411–421

Zhang, WW, Niu, JF, Wang, XK, Tian, Y, Yao, FF, Feng, ZZ (2011) Effects of ozone exposure on growth and photosynthesis of the seedlings of *Liriodendron chinense* (Hemsl.) Sarg, a native tree species of subtropical China. *Photosynthetica* **49**:29-36

Zeuthen, J, Mikkelsen, TN, Paludan-Muller, G, Ro-Poulsen, H (1997) Effects of increased UV-B radiation and elevated levels of tropospheric ozone on physiological processes in European beech (*Fagus sylvatica*). *Physiologia Plantarum* **100**:281-290

Zouzoulas D, Koutroubas SD, Vassiliou G, Vardavakis E (2009) Effects of ozone fumigation on cotton *(Gossypium hirsutum* l.) morphology, anatomy, physiology, yield and qualitative characteristics of fibers. *Environmental and Experimental Botany* **67**:293-303