

## UCCE Career Bibliography for Steven T. Koike

### Organization

Publications are listed in chronological order (most recent publications are last) and labeled with the appropriate category in accordance with the 2009 E-Book. **Publications for this period under review (January 2007 to September 2009) are printed in bold blue font.**

### Summary

I have an outstanding bibliography that meets productivity expectations for advisors at Full Title Step VIII. For this three-year period under review I have published a total of 105 articles. Of my 38 peer-review articles, I was first author and project leader for 17 of them; 11 of the articles are full-length papers in print or on-line scientific journals. I was first author for 50 of my 67 non-peer-review articles, further demonstrating my leadership in research and extension.

My extensive and diverse publications show that I have achieved an outstanding balance among scientific peer-review, technical, extension, industry, UC ANR, and popular publications. Also notable is my consistent achievement in forming and working in collaborative teams; the majority of my articles were written by multiple authors, attesting to this strong teamwork element. A summary table of my publication achievements is below:

<b>Summary of UCCE career publications</b>			
	<b>Period under review</b>	Prior to review	Total for UCCE career
By E-book categories			
A. Popular, newsletter, UC Delivers*	<b>41</b>	253	294
B. Peer-review in journals	<b>26</b>	138	164
C. Peer-review, other	<b>12</b>	66	78
D. Technical reports	<b>16</b>	75	91
E. Abstracts, posters	<b>10</b>	82	92
Totals for all categories (A - E)	<b>105</b>	614	719
* Sub-categories for A			
Popular, industry, trade	<b>15</b>	114	129
UC newsletters	<b>23</b>	135	158
UC Delivers	<b>3</b>	4	7
Total for: A. popular, newsletter, UC Delivers	<b>41</b>	253	294

## I. Peer-Review Publications (categories B, C).

1. B Cooksey, D. A., and Koike, S. T. 1990. A new foliar blight of impatiens caused by *Pseudomonas syringae*. *Plant Disease* 74:180-182.
2. C Correll, J. C., Koike, S. T., Brandenberger, L. P., Black, M. C., and Morelock, T. E. 1990. A new race (Race 4) of downy mildew on spinach. *California Agriculture* 44:14-15.
3. B Cooksey, D. A., Azad, H. R., Paulus, A. O., and Koike, S. T. 1991. Leaf spot of cilantro in California caused by a nonfluorescent *Pseudomonas syringae*. *Disease Note. Plant Disease* 75:101.
4. B Koike, S. T. 1991. Verticillium wilt of dusty-miller (*Senecio cineraria*) caused by *Verticillium dahliae*. *Disease Note. Plant Disease* 75:319.
5. B Koike, S. T., Tidwell, T. E., Fogle, D. G., and Patterson, C. L. 1991. Anthracnose of greenhouse-grown watermelon transplants caused by *Colletotrichum orbiculare* in California. *Disease Note. Plant Disease* 75:644.
6. B Koike, S. T., Nelson, J. H., and Perry, D. K. 1991. Verticillium wilt of protea (*Leucospermum cordifolium*) caused by *Verticillium dahliae*. *Disease Note. Plant Disease* 75:1074.
7. C Koike, S. T., Smith, R. F., and Schulbach, K. F. 1992. Resistant cultivars, fungicides combat downy mildew of spinach. *California Agriculture* 46:29-31.
8. B Koike, S. T., Butler, E. E., and Greathead, A. S. 1992. Occurrence of *Cercosporidium punctum* on fennel in California. *Disease Note. Plant Disease* 76:539.
9. C Koike, S. T. 1992. UC IPM Pest Management Guidelines for Cole Crops—Disease Section. Publication 3339 (UCPMG 25).
10. B Koike, S. T. and Correll, J. C. 1993. First report of spinach anthracnose caused by *Colletotrichum dematium* in California. *Disease Note. Plant Disease* 77:318.
11. B Koike, S. T., Gilbertson, R. L., and Little, E. L. 1993. A new bacterial disease of fennel in California. *Disease Note. Plant Disease* 77:319.
12. C Jackson, L. E., Wyland, L. J., Klein, J. A., Smith, R. F., Chaney, W. E., and Koike, S. T. 1993. Winter cover crops can decrease soil nitrate, leaching potential. *California Agriculture* 47:12-15.
13. B Koike, S. T., Gonzales, T. G., and Oakes, E. D. 1994. Crown and root rot of chives in California caused by *Sclerotium rolfsii*. *Disease Note. Plant Disease* 78:208.

14. C Koike, S. T., Little, E. L., Bishop, A. L., and Gilbertson, R. L. 1994. New celery disease appears in California. *California Agriculture* 48:32-34.
15. B Correll, J. C., Morelock, T. E., Black, M. C., Koike, S. T., Brandenberger, L. P., and Dainello, F. J. 1994. Economically important diseases of spinach (feature article). *Plant Disease* 78:653-660.
16. B Koike, S. T. 1994. First report of stem rot of fennel in the United States caused by *Sclerotinia minor*. *Disease Note. Plant Disease* 78:754.
17. B Little, E. L., Gilbertson, R. L., and Koike, S. T. 1994. First report of *Pseudomonas viridiflava* causing a leaf necrosis on basil. *Disease Note. Plant Disease* 78:831.
18. B Koike, S. T., Gonzales, T. G., Vidauri, M., and Subbarao, K. V. 1994. First report of *Sclerotinia minor* as a pathogen of cauliflower in California. *Disease Note. Plant Disease* 78:1216.
19. B Koike, S. T. and Saenz, G. S. 1994. Occurrence of powdery mildew on parsley in California. *Disease Note. Plant Disease* 78:1219.
20. B Koike, S. T., Subbarao, K. V., Davis, R. M., Gordon, T. R., and Hubbard, J. C. 1994. Verticillium wilt of cauliflower in California. *Plant Disease* 78:1116-1121.
21. B Subbarao, K. V., Dacuyan, S., Koike, S. T., and Jackson, L. E. 1994. Evaluation of three quantitative assays for *Sclerotinia minor*. *Phytopathology* 84:1471-1475.
22. B Koike, S. T. 1994. Evaluation of biological agents for control of lettuce drop. *Biological and Cultural Tests for Control of Plant Diseases* 9:30.
23. C Koike, S. T., and Schulbach, K. F. 1994. Evaluation of lettuce cultivars for resistance to corky root disease. *Biological and Cultural Tests for Control of Plant Diseases* 9:29.
24. C Koike, S. T., and Subbarao, K. V. 1994. Evaluation of cauliflower cultivars for resistance to Verticillium wilt. *Biological and Cultural Tests for Control of Plant Diseases* 9:25.
25. B Saenz, G. S., Koike, S. T., Tjosvold, S. A., and Greene, I. D. 1995. First report of powdery mildew on carnation in California. *Disease Note. Plant Disease* 79:320.
26. B Koike, S. T., Tjosvold, S. A., and Greene, I. D. 1995. Powdery mildew of *Eustoma* caused by *Leveillula taurica* in California. *Disease Note. Plant Disease* 79:426.
27. B Scherm, H., Koike, S. T., Laemmlen, F. F., and van Bruggen, A. H. C. 1995. Field evaluation of fungicide spray advisories against lettuce downy mildew (*Bremia lactucae*) based on measured or forecast morning leaf wetness. *Plant Disease* 79:511-516.

28. B Koike, S. T., and Subbarao, K. V. 1995. First report of endive and escarole as hosts of *Sclerotinia minor*. Disease Note. Plant Disease 79:642.
29. B Koike, S. T., Tjosvold, S. A., Cooksey, D. A., and Azad, H. R. 1995. A bacterial leaf disease of lavender caused by *Xanthomonas campestris*. Disease Note. Plant Disease 79:859.
30. B Koike, S. T., and O'Brien, R. D. 1995. Basil as a host of *Sclerotinia minor*. Disease Note. Plant Disease 79:859.
31. B Zerbini, F. M., Koike, S. T., and Gilbertson, R. L. 1995. Biological and molecular characterization of lettuce mosaic potyvirus isolates from the Salinas Valley of California. Phytopathology 85:746-752.
32. B Koike, S. T., and Subbarao, K. V. 1995. First report of radicchio as a host of *Sclerotinia minor*. Disease Note. Plant Disease 79:966.
33. B Subbarao, K. V., Chassot, A., Gordon, T. R., Hubbard, J. C., Bonello, P., Mullin, R., Okamoto, D., Davis, R. M., and Koike, S. T. 1995. Genetic relationships and cross pathogenicities of *Verticillium dahliae* isolates from cauliflower and other crops. Phytopathology 85:1105-1112.
34. B Subbarao, K. V., Koike, S. T., and Hubbard, J. C. 1996. Effects of deep plowing on the distribution and density of *Sclerotinia minor* sclerotia and lettuce drop incidence. Plant Disease 80:28-33.
35. B Koike, S. T., Smith, R. F., Van Buren, A. M., and Maddox, D. A. 1996. A new bacterial disease of arugula in California. Disease Note. Plant Disease 80:464.
36. C Koike, S. T., Subbarao, K. V., Davis, R. M., and Gordon, T. R. 1996. Verticillium wilt threatens coastal cauliflower crop. California Agriculture 50 (2):24-27.
37. B Koike, S. T. 1996. Japanese mustard, tah tsai, and red mustard as hosts of *Alternaria brassicae*. Disease Note. Disease Note. Plant Disease 80:822.
38. B Koike, S. T. 1996. Red mustard, tah tsai, and Japanese mustard as hosts of *Pseudocercospora capsellae* in California. Disease Note. Plant Disease 80:960.
39. B Koike, S. T., and Saenz, G. S. 1996. Occurrence of powdery mildew, caused by *Erysiphe cichoracearum*, on endive and radicchio in California. Disease Note. Plant Disease 80:1080.
40. C Subbarao, K. V., Koike, S. T., and Hubbard, J. C. 1996. Deep plowing exacerbates lettuce drop in Salinas Valley. California Agriculture 50 (5):30-33.
41. C Koike, S. T., Gilbertson, R. L., and Davis, R. M. 1996. UC IPM Pest Management Guidelines for Celery—Disease Section (Revision). Publication 3339 (UCPMG 31).

42. C Davis, R. M. and Koike, S. T. 1996. UC IPM Pest Management Guidelines for Lettuce—Disease Section (Revision). Publication 3339 (UCPMG 15).
43. C Koike, S. T. and Colbert, S. 1996. UC IPM Pest Management Guidelines for Artichokes—Disease Section. Publication 3339 (UCPMG 33).
44. B Koike, S. T. 1996. Outbreak of white rust, caused by *Albugo candida*, on Japanese mustard and tah tsai in California. Disease Note. Plant Disease 80:1302.
45. B Koike, S. T., Smith, R. F., Jackson, L. E., Wyland, L. J., Inman, J. I., and Chaney, W. E. 1996. Phacelia, lana woollypod vetch, and Austrian winter pea: three new cover crop hosts of *Sclerotinia minor* in California. Plant Disease 80:1409-1412.
46. B Wyland, L. J., Jackson, L. E., Chaney, W. E., Klonsky, K., Koike, S. T., and Kimple, B. 1996. Winter cover crops in a vegetable cropping system: Impacts on nitrate leaching, soil water, crop yield, pests and management costs. Agriculture, Ecosystems, & Environment 59:1-17.
47. C Koike, S. T., Smith, R. F., Jackson, L. E., Wyland, L. J., Chaney, W. E., and Inman, J. I. 1996. Cover crops can increase lettuce drop. California Agriculture 51(1):15-18. I was part of the research group for this cover crop project.
48. C LeStrange, M., Koike, S. T., Valencia, J., and Chaney, W. 1996. Broccoli production in California. Vegetable Production Series. DANR Publication 7211.
49. C LeStrange, M., Koike, S. T., Valencia, J., and Chaney, W. 1996. Spinach production in California. Vegetable Production Series. DANR Publication 7212.
50. B Koike, S. T., Gordon, T. R., and Lindow, S. E. 1996. Crown rot of *Eustoma* caused by *Fusarium avenaceum* in California. Disease Note. Plant Disease 80:1429.
51. C Jackson, L., Mayberry, K., Laemmlen, F., Koike, S. T., Schulbach, K., and Chaney, W. 1996. Iceberg lettuce production in California. Vegetable Production Series. DANR Publication 7215.
52. C Jackson, L., Mayberry, K., Laemmlen, F., Koike, S. T., Schulbach, K., and Chaney, W. 1996. Leaf lettuce production in California. Vegetable Production Series. DANR Publication 7216.
53. B Hubbard, J. C., Subbarao, K. V., and Koike, S. T. 1997. Development and significance of dicarboximide resistance in *Sclerotinia minor* isolates from commercial lettuce fields in California. Plant Disease 81:148-153.
54. C Smith, R. F., and Koike, S. T. 1997. Response of resistant squash varieties to zucchini yellow mosaic virus. Biological and Cultural Tests for Control of Plant Diseases 12:173.

55. C Koike, S. T., Schulbach, K. F., and Chaney, W. E. 1997. Cauliflower production in California. Vegetable Production Series. DANR Publication 7219.
56. C Koike, S. T., Schulbach, K. F., and Chaney, W. E. 1997. Celery production in California. Vegetable Production Series. DANR Publication 7220.
57. B Koike, S. T. and Saenz, G. S. 1997. First report of powdery mildew caused by *Erysiphe heraclei* on celery in North America. Disease Note. Plant Disease 81:231.
58. B Koike, S. T. 1997. Broccoli raab as a host of *Alternaria brassicae*. Disease Note. Plant Disease 81:552.
59. B Zerbini, F. M., Koike, S. T., and Gilbertson, R. L. 1997. *Gazania* spp.: A new host of lettuce mosaic potyvirus, and a potential inoculum source for recent lettuce mosaic outbreaks in the Salinas Valley of California. Plant Disease 81:641-646.
60. B Little, E. L., Koike, S. T., and Gilbertson, R. L. 1997. Bacterial leaf spot of celery in California: Etiology, epidemiology, and role of contaminated seed. Plant Disease 81:892-896.
61. B Koike, S. T., Henderson, D. M., MacDonald, J. D., and Ali-Shtayeh, M. S. 1997. Phytophthora root and crown rot of sage caused by *Phytophthora cryptogea* in California. Disease Note. Plant Disease 81:959.
62. B Koike, S. T., and Saenz, G. S. 1997. First report of powdery mildew, caused by *Erysiphe cruciferarum*, on broccoli raab in California. Disease Note. Plant Disease 81:1093.
63. B Koike, S. T., and Molinar, R. H. 1997. Daikon (*Raphanus sativus* L. cv. longipinnatus) as a host of *Alternaria brassicae* in California. Disease Note. Plant Disease 81:1094.
64. B Koike, S. T. 1997. First report of gummy stem blight, caused by *Didymella bryoniae*, on watermelon transplants in California. Disease Note. Plant Disease 81:1331.
65. B Koike, S. T. 1997. Occurrence of stem and crown rot of *Gaillardia grandiflora*, caused by *Sclerotinia sclerotiorum*, in California. Disease Note. Plant Disease 81:1334.
66. B Koike, S. T., Smith, R. F., Schulbach, K. F., and Chaney, W. E. 1997. Association of the insecticide naled with celery petiole lesion damage. Crop Protection 16:753-758.
67. C Koike, S. T. 1997. Gray mold. Pg. 22 in: Compendium of Lettuce Diseases. R. M. Davis, K. V. Subbarao, R. N. Raid, and E. A. Kurtz, editors. American Phytopathological Society Press. St. Paul, Minnesota. (This compendium published 18 of my photographs.)
68. C Koike, S. T. 1997. Septoria leaf spot. Pg. 24 in: Compendium of Lettuce Diseases. R. M. Davis, K. V. Subbarao, R. N. Raid, and E. A. Kurtz, editors. American Phytopathological Society Press. St. Paul, Minnesota.

69. C Koike, S. T. and Gilbertson, R. L. 1997. Bacterial leafspot. Pgs. 27-28 in: Compendium of Lettuce Diseases. R. M. Davis, K. V. Subbarao, R. N. Raid, and E. A. Kurtz, editors. American Phytopathological Society Press. St. Paul, Minnesota.
70. C Koike, S. T. 1997. Postharvest disease and gray mold. Pg. 58 in: Compendium of Lettuce Diseases. R. M. Davis, K. V. Subbarao, R. N. Raid, and E. A. Kurtz, editors. American Phytopathological Society Press. St. Paul, Minnesota.
71. B Saenz, G. S., and Koike, S. T. 1998. First report of powdery mildew caused by *Oidium araliacearum* on ivy in California. Disease Note. Plant Disease 82:127.
72. B Koike, S. T., and Saenz, G. S. 1998. First report of powdery mildew, caused by an *Oidium* spp., on poinsettia in California. Disease Note. Plant Disease 82:128.
73. C Mayberry, K., Savio, Y., Myers, C., and Koike, S. T. 1998. Cilantro, Chinese Parsley, Coriander. In: Specialty and Minor Crops Handbook, Second Edition. DANR Publication 3346. (I wrote the disease section of this handbook article.)
74. B Koike, S. T., and Henderson, D. M. 1998. Black root rot, caused by *Thielaviopsis basicola*, on tomato transplants in California. Disease Note. Plant Disease 82:447.
75. B Koike, S. T., and Butler, E. E. 1998. Leaf spot of radicchio caused by *Alternaria cichorii* in California. Disease Note. Plant Disease 82:448.
76. B Koike, S. T., Nolan, P. A., Tjosvold, S. A., and Robb, K. L. 1998. First occurrence of downy mildew of statice, caused by *Peronospora statures*, in California and the rest of the United States. Disease Note. Plant Disease 82:591.
77. B Koike, S. T., and Henderson, D. M. 1998. Purple blotch, caused by *Alternaria porri*, on leek transplants in California. Disease Note. Plant Disease 82:710.
78. B Koike, S. T., and Smith, R. F. 1998. First report of powdery mildew caused by *Sphaerotheca fusca* on tomatillo in California. Disease Note. Plant Disease 82:711.
79. B Koike, S. T., Henderson, D. M., Azad, H. R., Cooksey, D. A., and Little, E. L. 1998. Bacterial blight of broccoli raab: a new disease caused by a pathovar of *Pseudomonas syringae*. Plant Disease 82:727-731.
80. B Koike, S. T. 1998. Severe outbreak of chocolate spot of fava bean, caused by *Botrytis fabae*, in California. Disease Note. Plant Disease 82:831.
81. B Gonzalez, T. G., Henderson, D. M., and Koike, S. T. 1998. First report of bell pepper (*Capsicum annuum*) as a host of *Sclerotinia minor*. Disease Note. Plant Disease 82:832.

82. C Koike, S. T., Smith, R. F., Schulbach, K. F., and Chaney, W. E. 1998. Celery petiole lesion damage caused by insecticide. *California Agriculture* 52(4):36-40.
83. B Koike, S. T. 1998. Downy mildew of arugula, caused by *Peronospora parasitica*, in California. *Disease Note. Plant Disease* 82:1063.
84. B Koike, S. T., Subbarao, K. V., Roelfs, A. P., Hennen, J. F., and Tjosvold, S. A. 1998. Rust disease of oregano and sweet marjoram in California. *Disease Note. Plant Disease* 82:1172.
85. B Xiao, C. L., Subbarao, K. V., Schulbach, K. F., and Koike, S. T. 1998. Effects of crop rotation and irrigation on *Verticillium dahliae* microsclerotia in soil and wilt on cauliflower. *Phytopathology* 88:1046-1055.
86. B Subbarao, K. V., Hubbard, J. C., and Koike, S. T. 1999. Evaluation of broccoli residue incorporation into field soil for *Verticillium* wilt control in cauliflower. *Plant Disease* 83:124-129.
87. B Koike, S. T., Barak, J. D., Henderson, D. M., and Gilbertson, R. L. 1999. Bacterial blight of leek: a new disease in California caused by *Pseudomonas syringae*. *Plant Disease* 83:165-170.
88. B Liu, H.-Y., Sears, J. L., Obermeier, C., Wisler, G. C., Ryder, E. J., Duffus, J. E., and Koike, S. T. 1999. First report of tomato bushy stunt virus isolated from lettuce. *Disease Note. Plant Disease* 83:301.
89. B Koike, S. T., and Molinar, R. H. 1999. Rust disease on lemongrass in California. *Disease Note. Plant Disease* 83:304.
90. B Koike, S. T., and Saenz, G. S. 1999. Powdery mildew of spearmint caused by *Erysiphe orontii* in California. *Disease Note. Plant Disease* 83:399.
91. B Koike, S. T., Henderson, D. M., Crous, P. W., Schoch, C. L., and Tjosvold, S. A. 1999. A new root and crown rot disease of heath in California caused by *Cylindrocladium pauciramosum*. *Disease Note. Plant Disease* 83:589.
92. B Koike, S. T., Henderson, D. M., Tjosvold, S. A., and Simmons, E. G. 1999. Outbreak of leaf spot of saponaria caused by *Alternaria saponariae* in California. *Disease Note. Plant Disease* 83:694.
93. B Koike, S. T., and Subbarao, K. V. 1999. Damping-off of Swiss chard, caused by *Rhizoctonia solani*, in California. *Disease Note. Plant Disease* 83:695.
94. B Scheck, H. J., and Koike, S. T. 1999. First occurrence of white rust of arugula, caused by *Albugo candida*. *Disease Note. Plant Disease* 83:877.

95. B Koike, S. T., and Subbarao, K. V. 1999. Leaf blight of endive and escarole, caused by *Rhizoctonia solani*, in California. Disease Note. Plant Disease 83:1070.
96. C Smith, R. F., Koike, S. T., Davis, M., Subbarao, K., and Laemmlen, F. 1999. Several fungicides control powdery mildew in peppers. California Agriculture 53 (6):40-43.
97. B Koike, S. T. 1999. Stem and crown rot of chervil, caused by *Sclerotinia sclerotiorum*. Disease Note. Plant Disease 83:1177.
98. B Koike, S. T. 2000. Downy mildew of stock, caused by *Peronospora parasitica*, in California. Disease Note. Plant Disease 84:103.
99. B Koike, S. T., Cintas, N. A., and Bull, C. T. 2000. Bacterial blight, a new disease of broccoli caused by *Pseudomonas syringae* in California. Disease Note. Plant Disease 84:370.
100. B Saenz, G. S., Koike, S. T., and Scheck, H. J. 2000. First report of powdery mildew on *Nandina domestica* (Berberidaceae) in North America. Disease Note. Plant Disease 84:705.
101. C Koike, S. T., and Subbarao, K. V. 2000. Broccoli residues can control Verticillium wilt of cauliflower. California Agriculture 54 (3):30-33.
102. C Koike, S. T., Xiao, C.-L., Hubbard, J. C., Schulbach, K. F., and Subbarao, K. V. 2000. Effects of broccoli residue on the cauliflower—*Verticillium dahliae* host-pathosystem. Pg. 317-321 in: Advances in Verticillium: Research and Disease Management. E. C. Tjamos, R. C. Rowe, J. B. Heale, and D. R. Fravel. American Phytopathological Society Press. St. Paul, Minn.
103. C Gaskell, M., Smith, R., Fouche, C., Koike, S. T., and Mitchell, J. 2000. Organic certification, farm production planning, and marketing. Organic Vegetable Production in California Series. DANR Publication 7247.
104. C Mitchell, J., Gaskell, M., Smith, R., Fouche, C., and Koike, S. T. 2000. Soil management and soil quality for organic crops. Organic Vegetable Production in California Series. DANR Publication 7248.
105. C Gaskell, M., Mitchell, J., Smith, R., Koike, S. T., and Fouche, C. 2000. Soil fertility management for organic crops. Organic Vegetable Production in California Series. DANR Publication 7249.
106. C Smith, R., Lanini, W. T., Gaskell, M., Mitchell, J., Koike, S. T., and Fouche, C. 2000. Weed management for organic crops. Organic Vegetable Production in California Series. DANR Publication 7250.
107. C Fouche, C., Gaskell, M., Koike, S. T., Mitchell, J., and Smith, R. 2000. Insect pest management for organic crops. Organic Vegetable Production in California Series. DANR Publication 7251.

108. C Koike, S. T., Gaskell, M., Fouche, C., Smith, R., and Mitchell, J. 2000. Plant disease management for organic crops. Organic Vegetable Production in California Series. DANR Publication 7252.
109. B Saenz, G. S., Koike, S. T., and Shishkoff, N. 2000. First report of powdery mildew caused by *Podosphaera (Sphaerotheca) fusca* on *Euryops pectinatus* in North America. Disease Note. Plant Disease 84:1048.
110. B Gaskell, M., Fouche, B., Koike, S., Lanini, T., Mitchell, J., and Smith, R. 2000. Organic vegetable production in California—science and practice. HortTechnology 10:699-713.
111. B Koike, S. T. 2000. Occurrence of stem rot of basil, caused by *Sclerotinia sclerotiorum*, in coastal California. Disease Note. Plant Disease 84:1342.
112. B Koike, S. T., Henderson, D. M., and Butler, E. E. 2001. Leaf spot disease of spinach in California caused by *Stemphylium botryosum*. Plant Disease 85:126-130.
113. B Barak, J. D., Koike, S. T., and Gilbertson, R. L. 2001. Role of crop debris and weeds in the epidemiology of bacterial leaf spot of lettuce in California. Plant Disease 85:169-178.
114. B Scholler, M., and Koike, S. T. 2001. First occurrence of *Puccinia lagenophorae* causing rust disease on common groundsel in North America. Disease Note. Plant Disease 85:335.
115. B Tjosvold, S. A., and Koike, S. T. 2001. Evaluation of reduced risk and other biorational fungicides on the control of powdery mildew on greenhouse roses. Acta Horticulturae 547:59-67.
116. B Koike, S. T., and Crous, P. W. 2001. First report of a root and crown rot disease of myrtle in California caused by *Cylindrocladium pauciramosum*. Disease Note. Plant Disease 85:448.
117. B Koike, S. T., and Scholler, M. 2001. First occurrence of a rust fungus on English daisy (*Bellis perennis*) in North America. Disease Note. Plant Disease 85:562.
118. B Koike, S. T., Smith, R. F., Davis, R. M., Nunez, J. J., and Voss, R. E. 2001. Characterization and control of garlic rust in California. Plant Disease 85:585-591.
119. B Koike, S. T., and Tjosvold, S. A. 2001. A blight disease of dill in California caused by *Itersonilia perplexans*. Disease Note. Plant Disease 85:802.
120. B Obermeier, C., Sears, J. L., Liu, H. Y., Schlueter, K. O., Ryder, E. J., Duffus, J. E., Koike, S. T., and Wisler, G. C. 2001. Characterization of distinct tombusviruses that cause diseases of lettuce and tomato in the Western United States. Phytopathology 91:797-806.

121. B Wu, B. M., Subbarao, K. V., van Bruggen, A. H. C., and Koike, S. T. 2001. Comparison of three fungicide spray advisories for lettuce downy mildew. *Plant Disease* 85:895-900.
122. B Schoch, C. L., Crous, P. W., Polizzi, G., and Koike, S. T. 2001. Female fertility and single nucleotide polymorphism comparisons in *Cylindrocladium pauciramosum*. *Plant Disease* 85:941-946.
123. C Koike, S. T., Henderson, D. M., and Butler, E. E. 2001. Host-specific strain of *Stemphylium* causes leaf spot disease of California spinach. *California Agriculture* 55(5):31-34.
124. C Koike, S. T., Smith, R. F., Davis, R. M., Nunez, J. J., and Voss, R. E. 2001. Rust disease continues to threaten California garlic crop. *California Agriculture* 55(5):35-39.
125. B Koike, S. T., Azad, H. R., and Cooksey, D. A. 2001. Xanthomonas leaf spot of catnip: a new disease caused by a pathovar of *Xanthomonas campestris*. *Plant Disease* 85:1157-1159.
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129. B Koike, S. T. and Smith, R. F. 2001. First report of rust caused by *Puccinia allii* on wild garlic in California. *Disease Note. Plant Disease* 85:1290.
130. C Davis, R. M., Gubler, W. D., and Koike, S. T. 2001. Powdery mildew on vegetables. *Pest Notes* 7406. UC DANR Publications.
131. C Raabe, R. D., Gubler, W. D., and Koike, S. T. 2001. Powdery mildew on ornamentals. *Pest Notes* 7493. UC DANR Publications.
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133. C Koike, S. T., and Davis, R. M. 2002. UC IPM Pest Management Guidelines for Lettuce—Disease Section. Revision, plus new section (Lettuce dieback). Publication 3339.
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Sudden oak death in California. Pest Notes publication 7498. University of California ANR Publications.

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151. B Maloney, P. E., Rizzo, D. M., Koike, S. T., Harnik, T. Y., and Garbelotto, M. 2002. First report of *Phytophthora ramorum* on coast redwood in California. Disease Note. Plant Disease 86:1274.
152. B Davidson, J. M., Garbelotto, M., Koike, S. T., and Rizzo, D. M. 2002. First report of *Phytophthora ramorum* on Douglas-fir in California. Disease Note. Plant Disease 86:1274.
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156. C Jackson, L. E., Ramirez, I., Yokota, R., Fennimore, S. A., Koike, S. T., Henderson, D. M., Chaney, W. E., and Klonsky, K. M. 2003. Scientists, growers assess trade-offs in use of tillage, cover crops, and compost. California Agriculture 57(2):48-54.
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159. B Irish, B. M., Correll, J. C., Koike, S. T., Schafer, J., and Morelock, T. E. 2003. Identification and cultivar reaction to three new races of the spinach downy mildew pathogen from the United States and Europe. Plant Disease 87: 567-572.
160. B Koike, S. T., Gordon, T. R., and Aegerter, B. J. 2003. Root and basal rot of leek caused by *Fusarium culmorum* in California. Disease Note. Plant Disease 87:601.
161. B Hernández, J. R., Koike, S. T., Scheck, H. J., and Palm-Hernández, M. E. 2003. First report of the rust *Miyagia pseudosphaeria* on *Sonchus oleraceus* in the Americas. Disease Note. Plant Disease 87:752.
162. B Bhat, R. G., Smith, R. F., Koike, S. T., Wu, B. M., and Subbarao, K. V. 2003. Characterization of *Verticillium dahliae* isolates and wilt epidemics of pepper. Plant Disease 87:789-797.
163. B Koike, S. T., and Azad, H. R. 2003. First report of bacterial blight of four o'clock (*Mirabilis jalapa*), caused by *Xanthomonas campestris*, in California. Disease Note. Plant Disease 87:874.
164. B Koike, S. T. 2003. Sclerotinia stem and crown rot of corn-salad caused by *Sclerotinia minor* in California. Disease Note. Plant Disease 87:1264.
165. B Matheron, M. E., and Koike, S. T. 2003. First report of *Fusarium* wilt of lettuce caused by *Fusarium oxysporum* f. sp. *lactucae* in Arizona. Disease Note. Plant Disease 87:1265.
166. C Bull, C. T., Goldman, P. H., Cintas, N. A., and Koike, S. T. 2003. Identification of *Pseudomonas* species from a variety of hosts in the Salinas Valley of California. Pages 607-615. In N. S. Jacobellis, et al. (eds). *Pseudomonas syringae and Related Pathogens*. Kluwer Academic Publishers, Dordrecht, The Netherlands.
167. C Koike, S. T., Subbarao, K. V., Davis, R. M., and Turini, T. A. 2003. Vegetable diseases caused by soilborne pathogens. Publication 8099. ANR Publications. Online catalog <http://anrcatalog.ucdavis.edu/merchant.ihtml?pid=5593&step=4>; direct download link <http://anrcatalog.ucdavis.edu/pdf/8099.pdf>.
168. B Koike, S. T., Henderson, D. M., Bull, C. T., Goldman, P. H., and Lewellen, R. T. 2003. First report of bacterial leaf spot of Swiss chard caused by *Pseudomonas syringae* pv. *aptata* in California. Disease Note. Plant Disease 87:1397.
169. B Tjosvold, S. A., and Koike, S. T. 2003. First occurrence of downy mildew *Peronospora ficariae* on delphinium. Disease Note. Plant Disease 87:1540.

170. B Brown, S., Koike, S. T., Ochoa, O. E., Laemmlen, F., and Michelmore, R. W. 2004. Insensitivity to the fungicide fosetyl-Aluminium in California isolates of the lettuce downy mildew pathogen, *Bremia lactucae*. *Plant Disease* 88:502-508.
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172. C Davis, R. M., Subbarao, K. V., and Koike, S. T. 2004. UC IPM Pest Management Guidelines: Pepper. Disease section. UC DANR Publication 3460. Website: <http://www.ipm.ucdavis.edu/PMG/selectnewpest.peppers.html>.
173. B Koike, S. T., and Shishkoff, N. 2004. First report of powdery mildew caused by *Erysiphe viburni* on *Viburnum tinus* in California. *Disease Note. Plant Disease* 88:425.
174. B Anikster, Y., Szabo, L. J., Eilam, T., Manisterski, J., Koike, S. T., and Bushnell, W. R. 2004. Morphology, life cycle biology, and DNA sequence analysis of rust fungi on garlic and chives from California. *Phytopathology* 94:569-577.
175. B Jackson, L.E., Ramirez, I., Yokota, R., Fennimore, S.A., Koike, S.T., Henderson, D.M., Chaney, W.E., Calderón, F.J., and Klonsky, K. 2004. On-farm assessment of organic matter and tillage management on vegetable yield, soil, weeds, pests and economics in California. *Agriculture, Ecosystems & Environment* 103:443-463.
176. B Koike, S. T. 2004. Southern blight of Jerusalem artichoke caused by *Sclerotium rolfsii* in California. *Disease Note. Plant Disease* 88:769.
177. B Wegulo, S. N., Koike, S. T., Vilchez, M., and Santos, P. 2004. First report of downy mildew caused by *Plasmopara obducens* on impatiens in California. *Disease Note. Plant Disease* 88:909.
178. B Koike, S. T., and Saenz, G. S. 2004. First report of powdery mildew caused by *Erysiphe heraclei* on chervil in California. *Disease Note. Plant Disease* 88:1163.
179. B Koike, S. T., Fogle, D., Tjosvold, S. A., and King, A. I. 2004. Downy mildew caused by *Peronospora radii* on marguerite daisy (*Argyranthemum frutescens*) in California. *Disease Note. Plant Disease* 88:1163.
180. B Bull, C. T., Goldman, P., and Koike, S. T. 2004. Bacterial blight on arugula, a new disease caused by *Pseudomonas syringae* pv. *alisalensis* in California. *Disease Note. Plant Disease* 88:1384.
181. B Vallad, G. E., Bhat, R. G., Koike, S. T., Ryder, E. J., and Subbarao, K. V. 2005. Weedborne reservoirs and seed transmission of *Verticillium dahliae* in lettuce. *Plant Disease* 89:317-324.

182. C Koike, S. T., Gubler, W. D., Browne, G. T. and Wintermantel, W. M. 2005. UC IPM Pest Management Guidelines: Strawberry. Disease section. UC ANR Publication 3468. Website: <http://www.ipm.ucdavis.edu/PMG/selectnewpest.strawberry.html>.
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184. B Bull, C. T., Muramoto, J., Koike, S. T., Leap, J., Shennan, C., and Goldman, P. 2005. Strawberry cultivars and mycorrhizal inoculants evaluated in California organic production fields. Plant Management Network. 27 May. <http://www.plantmanagementnetwork.org/pub/cm/research/2005/strawberry>.
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186. B Koike, S. T. 2005. Southern blight of areca palm (*Chrysalidocarpus lutescens*), caused by *Sclerotium rolfsii*, in California. *Disease Note. Plant Disease* 89:1012.
187. B Koike, S. T., Browne, G. T., Bhat, R. G., Lee, R. C. M., Tjosvold, S. A., and Buermeyer, K. 2005. Phytophthora leaf spot and foliar blight of *Pieris japonica* caused by *Phytophthora citricola* in California. *Disease Note. Plant Disease* 89:1013.
188. C Subbarao, K. V., and Koike, S. T. 2005. Lettuce, Diseases, Ecology, and Control. In: *Encyclopedia of Pest Management*. D. Pimentel, editor. Marcel Dekker, Inc. New York. 7 pp. On-line reference article: <http://www.dekker.com/sdek/abstract~db=enc~content=a713603089>.
189. B Koike, S. T., and Gordon, T. R. 2005. First report of Fusarium wilt of cilantro caused by *Fusarium oxysporum* in California. *Disease Note. Plant Disease* 89:1130.
190. B Koike, S. T., Matheron, M. E., and du Toit, L. J. 2005. First report of leaf spot of spinach caused by *Stemphylium botryosum* in Arizona. *Disease Note. Plant Disease* 89:1359.
191. B Bull, C. T., and Koike, S. T. 2005. Evaluating the efficacy of commercial products for management of bacterial leaf spot on lettuce. *Plant Health Progress* doi:10.1094/PHP-2005-1121-01-RS. <http://www.plantmanagementnetwork.org/php/elements/sum.asp?id=5126&photo=2652>.
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193. C Koike, S. T., LeStrange, M., and Laemmlen, F. F. 2005. UC IPM Pest Management Guidelines: Spinach. Disease section. UC ANR Publication 3467. Revised November 2005. <http://www.ipm.ucdavis.edu/PDF/PMG/index.html>.
194. B Koike, S. T., and Bull, C. T. 2006. First report of bacterial leaf spot of Italian dandelion (*Cichorium intybus*) caused by a *Pseudomonas syringae* pathovar in California. Disease Note. Plant Disease 90:245.
195. B Koike, S. T., Daugovish, O., and Downer, J. A. 2006. Sclerotinia petiole and crown rot of celery caused by *Sclerotinia minor* in California. Disease Note. Plant Disease 90:829.
196. B Cerkauskas, R. F., Koike, S. T., Azad, H. R., Lowery, D. T., and Stobbs, L. W. 2006. Diseases, pests, and abiotic disorders of greenhouse-grown water spinach (*Ipomoea aquatica*) in Ontario and California. Canadian Journal of Plant Pathology 28:63-70.
197. B Cintas, N. A., Koike, S. T., Bunch, R. A., and Bull, C. T. 2006. Holdover inoculum of *Pseudomonas syringae* pv. *alisalensis* from broccoli raab causes disease in subsequent plantings. Plant Disease 90:1077-1084.
198. B Larson, K. D., Koike, S. T., and Zalom, F. G. 2006. Polyethylene mulch, deficit irrigation, overhead sprinkling, and strawberry fruit bronzing. Acta Horticulturae 708:51-57.
199. C Koike, S. T., Bolda, M. P., Perry, E. J., Gubler, W. D., and Bettiga, L. J. 2006. UC IPM Pest Management Guidelines: Caneberries. Disease section. UC ANR Publication 3467. <http://www.ipm.ucdavis.edu/PMG/selectnewpest.caneberry.html>.
200. B Koike, S. T., Subbarao, K. V., Verkley, G. J. M., Fogle, D., and O'Neill, T. M. 2006. Phoma basal rot of romaine lettuce in California caused by *Phoma exigua*: occurrence, characterization, and control. Plant Disease 90: 1268-1275.
201. B Koike, S. T., Kammeijer, K., Bull, C. T., and O'Brien, D. 2006. First report of bacterial blight of romanesco cauliflower (*Brassica oleracea* var. *botrytis*) caused by *Pseudomonas syringae* pv. *alisalensis* in California. Plant Disease 90:1551.
202. C Koike, S. T. 2006. UC IPM Pest Management Guidelines: Artichokes. Disease section. UC ANR Publication 3434. <http://www.ipm.ucdavis.edu/PMG/selectnewpest.artichoke.html>.
203. C Tourte, L., Gaskell, M., Smith, R., Fouche, C., Koike, S. T., and Mitchell, J. 2006. Organic certification, farm planning, management, and marketing. UC ANR Publication 7247.
204. C Koike, S. T., Gladders, P., and Paulus, A. O. 2007. Vegetable Diseases: A Color Handbook. Manson Publishing Ltd., London, United Kingdom (North American distributor: Academic Press, Boston, MA). I was project leader and was responsible for all contents of the book. I wrote, revised, edited, and approved all sections of the book except for the index. I took 348 of the 633 color photographs.

The following publications (in blue bold font) were printed during this review period. Period covered is January 2007 to September 2009.

205. B **Koike, S. T., Kammeijer, K., Bull, C. T., and O'Brien, D. 2007. First report of bacterial blight of rutabaga (*Brassica napus* var. *napobrassica*) caused by *Pseudomonas syringae* pv. *alisalensis* in California. Disease Note. Plant Disease 91:112. I discovered this new host-pathogen case, identified the pathogen, conducted the greenhouse confirmation studies, and wrote the article.**
206. C **Koike, S. T. 2007. UC IPM Pest Management Guidelines: Artichokes. Disease section. UC ANR Publication 3434. <http://www.ipm.ucdavis.edu/PMG/selectnewpest.artichoke.html>.**
207. B **Koike, S. T., and Ochoa, O. E. 2007. Downy mildew caused by *Bremia lactucae* on strawflower (*Helichrysum bracteatum*) in California. Disease Note. Plant Disease 91:326. I identified this disease, conducted greenhouse confirmation studies, obtained assistance from the downy mildew research group at UC Davis, and wrote the article.**
208. B **Koike, S. T. 2007. Powdery mildew, caused by *Leveillula taurica*, on matilija poppy in California. Disease Note. Plant Disease 91:329.**
209. B **Subbarao, K. V., Kabir, Z., Martin, F. N., and Koike, S. T. 2007 Management of soilborne diseases in strawberry using vegetable rotations. Plant Disease 91:964-972. I assisted with the designing and implementing of the experiments. I helped write the article.**
210. C **Koike, S. T., and Davis, R. M. 2007. UC IPM Pest Management Guidelines: Lettuce. Disease section. UC ANR Publication 3450. 2007 revision. <http://www.ipm.ucdavis.edu/PMG/selectnewpest.lettuce.html>. I helped write and revise all of the disease sections.**
211. C **Koike, S. T., Davis, R. M., and Subbarao, K. V. 2007. UC IPM Pest Management Guidelines: Peppers. Disease section. UC ANR Publication 3460. 2007 revision. <http://www.ipm.ucdavis.edu/PMG/selectnewpest.peppers.html>. I helped write and revise all of the disease sections.**
212. B **Tomlinson, A. N., Correll, J. C., Koike, S. T., and Kammeijer, K. 2007. First report of race 8 of downy mildew, caused by *Peronospora farinosa* f. sp. *spinaciae*, of spinach in the United States. Plant Disease 91:1205. I assisted with the identification and confirmation of the new race, conducted field surveys for the new race, and helped write the article.**

213. B Bull, C. T., Goldman, P. H., Hayes, R., Madden, L. V., Koike, S. T., and Ryder, E. 2007. Genetic diversity of lettuce for resistance to bacterial leaf spot caused by *Xanthomonas campestris* pv. *vitians*. Online. Plant Health Progress doi:10.1094/PHP-2007-0917-02-RS. I assisted the PI with field aspects of the study and helped write the article.
214. B Irish, B. M., Correll, J. C., Koike, S. T., and Morelock, T. E. 2007. Three new races of the spinach downy mildew pathogen identified by a modified set of spinach differentials. Plant Disease 91:1392-1396. I helped confirm the identity of the new races, conducted field surveys for the diverse races, and helped write the article.
215. B Koike, S. T., and Glawe, D. A. 2007. First report of powdery mildew of fringed willowherb (*Epilobium ciliatum*) caused by *Podosphaera epilobii* in North America. Online. Plant Health Progress doi: 10.1094/PHP-2007-1112-01-BR. <http://www.plantmanagementnetwork.org/sub/php/brief/2007/willowherb/>. I discovered this new host-pathogen case, identified the pathogen, recruited a powdery mildew expert to confirm identification, and wrote the article.
216. B Glawe, D. A., and Koike, S. T. 2007. First report of powdery mildew of *Stachys byzantina* (lamb's ear) caused by *Neoerysiphe galeopsidis* in North America. Online. Plant Health Progress doi: 10.1094/PHP-2007-1217-01-BR. <http://www.plantmanagementnetwork.org/sub/php/brief/2007/lambsear/>. I discovered this new host-pathogen case, identified the pathogen, recruited a powdery mildew expert to confirm identification, and helped write the article.
217. B Tjosvold, S. A., Koike, S. T., and Chambers, D. L. 2008. Evaluation of fungicides for the control of *Phytophthora ramorum* infecting Rhododendron, Camellia, Pieris, and Viburnum. Online. Plant Health Progress doi:10.1094/PHP-2008-0208-01-RS. I assisted with the greenhouse aspects of the study, completed isolations of the pathogen, and helped write the article.
218. C Szabo, L. J., Koike, S. T., and Hill, J. P. 2008. Rust. Pages 41-44. In: Compendium of Onion and Garlic Diseases and Pests. Edited by H. F. Schwartz and S. K. Mohan. American Phytopathological Society Press. Because of my experience in allium rust research, I was invited to participate in this book section. I helped write this section.
219. B Koike, S. T., Kuo, Y.-W., Rojas, M. R., and Gilbertson, R. L. 2008. First report of *Impatiens necrotic spot virus* infecting lettuce in California. Plant Disease 92:1248. I discovered this new host-pathogen case, identified the pathogen, as PI recruited a team to work in this project, obtained industry funding, and wrote the article.
220. B Koike, S. T. 2008. Crown rot of strawberry caused by *Macrophomina phaseolina* in California. Plant Disease 92:1253.
221. B Tian, T., Liu, H.-Y., and Koike, S. T. 2008. First report of *Apium virus Y* on cilantro, celery, and parsley in California. Plant Disease 92:1254. I discovered this new host-

pathogen case, as PI recruited a team to work in this project, obtained industry funding, and helped write the article.

222. B Smukler, S. M., Jackson, L. E., Murphee, L., Yokota, R., Koike, S. T., and Smith, R. F. 2008. Transition to large-scale organic vegetable production in the Salinas Valley, California. *Agriculture, Ecosystems and Environment* 126:168-188. I was responsible for the plant disease component of this multi-disciplinary project. I helped write the article.
223. B Koike, S. T. 2008. Black root rot caused by *Thielaviopsis basicola* on lettuce in California. *Plant Disease* 92:1368.
224. B Mou, B., Koike, S. T., and du Toit, L. J. 2008. Screening for resistance to leaf spot diseases of spinach. *HortScience* 43:1706-1710. I assisted with the inoculum production and greenhouse aspects of this project and helped write the article.
225. B Koike, S. T. 2008. Downy mildew caused by *Peronospora valerianellae* on corn-salad (*Valerianella locusta*) in California. *Plant Disease* 92:1470.
226. B Tjosvold, S. A., Chambers, D. L., Koike, S. T., and Mori, S. R. 2008. Disease on nursery stock as affected by environmental factors and seasonal inoculum levels of *Phytophthora ramorum* in stream water used for irrigation. *Plant Disease* 92:1566-1573. I assisted with the greenhouse and nursery aspects of the study, completed isolations of the pathogen, and helped write the article.
227. C Davis, R. M., Gubler, W. D., and Koike, S. T. 2008. Powdery mildew on vegetables. Pest Notes publication 7406. UC ANR publications. I assisted with the writing of this review article.
228. C Gubler, W. D., and Koike, S. T. 2008. Powdery mildew on fruits and berries. Pest Notes publication 7494. UC ANR publications. I assisted with the writing of this review article.
229. C Daugovish, O., Cahn, M., Koike, S., Natwick, E., Cantwell, M., and Takele, E. 2008. Cabbage production in California. Vegetable Production Series. ANR Publication 7208. <http://anrcatalog.ucdavis.edu/pdf/7208.pdf>. I contributed to and wrote several sections of this publication.
230. C Daugovish, O., Smith, R., Cahn, M., Koike, S., Smith, H., Aguiar, J., Quiros, C., Cantwell, M., Takele, E. 2008. Celery production in California. ANR Publication 7220. <http://anrcatalog.ucdavis.edu/pdf/7220.pdf>. I contributed to and wrote several sections of this publication.
231. C Koike, S. T., and Subbarao, K. V. 2008. UC IPM Pest Management Guidelines: Cole crops. Disease section. UC ANR Publication 3442.

<http://www.ipm.ucdavis.edu/PMG/selectnewpest.cole-crops.html>. I helped write and revise all of the disease sections.

232. B Glawe, D. A., and Koike, S. T. 2008. First report of powdery mildew of periwinkle caused by *Golovinomyces orontii* in North America. Online. Plant Health Progress doi:10.1094/PHP-2008-1212-03-BR. <https://vpn.lib.ucdavis.edu/sub/php/brief/2008/periwinkle/,DanaInfo=www.plantmanagementnetwork.org>. I discovered this new host-pathogen case, identified the pathogen, recruited a powdery mildew expert to confirm identification, and helped write the article.
233. C UC Statewide IPM Program. 2008. Integrated Pest Management for Strawberries, Second Edition. UC ANR publication 3351. I wrote sections for the chapters on Diseases. I edited chapters on Strawberry Nurseries, Diseases, and Nematodes. I reviewed additional sections.
234. B Koike, S. T., and Glawe, D. A. 2009. First report of powdery mildew of poison-hemlock caused by *Erysiphe heraclei* in North America. Plant Health Progress doi:10.1094/PHP-2009-0312-01-BR. I discovered this new host-pathogen case, identified the pathogen, recruited a powdery mildew expert to confirm identification, and wrote the article.
235. B Tjosvold, S. A., Chambers, D. L., Fichtner, E. J., Koike, S. T., and Mori, S. R. 2009. Disease risk of potting media infested with *Phytophthora ramorum* under nursery conditions. Plant Disease 93:371-376. I assisted with the greenhouse and nursery aspects of the study, completed isolations of the pathogen, and helped write the article.
236. B Njoroge, S. M. C., Kabir, Z., Martin, F. N., Koike, S. T., and Subbarao, K. V. 2009. Comparison of crop rotation for Verticillium wilt management and effect on *Pythium* species in conventional and organic strawberry production. Plant Disease 93:519-527. I assisted with the designing and implementing of the experiments. I helped write the article.
237. C Gubler, W. D., and Koike, S. T. 2009. Powdery mildew on ornamentals. Pest Notes. UC ANR Publication 7493. I assisted with the writing of this review article.
238. C Koike, S. T., Cahn, M., Cantwell, M., Fennimore, S., LeStrange, M., Natwick, E., Smith, R. F., and Takele, E. 2009. Cauliflower production in California. Vegetable Production Series. ANR Publication 7219. <http://anrcatalog.ucdavis.edu/VegetableCropProductioninCalifornia/7219.aspx>. I was in charge of the overall project, organized the writing team, and helped write the article.
239. B Koike, S. T., du Toit, L. J., and Derie, M. L. 2009. A leaf blight of chive caused by *Botrytis bysoidea* in California. Plant Disease 93:844. I discovered this new host-

pathogen case, identified the pathogen, as PI recruited a team to work in this project, and wrote the article.

240. B Bensen, T. A, Smith, R. F., Subbarao, K. V., Koike, S. T., Fennimore, S. A., and Shem-Tov, S. 2009. Mustard and other cover crop effects vary on lettuce drop caused by *Sclerotinia minor* and on weeds. *Plant Disease* 93:1019-1027. I contributed to the designing and implementing of the project and helped write the article.
241. B Koike, S. T., Kirkpatrick, S. C., and Gordon, T. R. 2009. Fusarium wilt of strawberry caused by *Fusarium oxysporum* in California. *Plant Disease* 93:1077. I discovered this new host-pathogen case, identified the pathogen, as PI recruited a team to work in this project, and wrote the article.
242. B Koike, S. T., Zalom, F. G., and Larson, K. D. 2009. Bronzing of strawberry fruit as affected by production practices, environmental factors, and thrips. *HortScience* 44:1588-1593 (accepted July 9, 2009). I initiated the project, as PI recruited a research team, obtained two years of funding from industry, and continued with the project despite industry ending the project prematurely. I wrote most of the article.

## II. Non-Peer-Review Miscellaneous Publications (categories A, D, E).

1. E Koike, S. T., and Bishop, A. L. 1990. Bacterial leaf spot of celery caused by *Pseudomonas syringae* pv. *apii* in California. *Phytopathology* 80: 890. Abstract.
2. A Koike, S. T. 1990. Outbreaks of spinach downy mildew reported. California-Arizona Farm Press. March 17.
3. A Koike, S. T. 1990. Section 18 granted Aliette for spinach downy mildew. California-Arizona Farm Press. May 19.
4. A Koike, S. T. 1990. Spinach downy mildew continues to cause yield and quality losses. California-Arizona Farm Press. July 21.
5. A Koike, S. T. 1990. More Verticillium wilt reported in cauliflower. California-Arizona Farm Press. September 15.
6. E Little, E. L., Koike, S. T., and Gilbertson, R. L. 1991. Celery bacterial blight: a new and increasingly important disease in California. Fourth International Working Group on *Pseudomonas syringae*. Florence, Italy. Abstract.
7. A Koike, S. T. 1991. The development of new plant pathogens: ever-changing dynamics of plant pathology. Monterey County Farm Bureau Farm Focus. Vol. 9, Winter.
8. A Correll, J. C., Koike, S. T., Brandenberger, L. P., Black, M. C., and Morelock, T. E. 1991. New race of downy mildew threatens spinach. *Agribusiness-Fieldman*. February.
9. A Koike, S. T. 1991. Corky root disease of lettuce: review of recent research. California-Arizona Farm Press. March 16.
10. A Koike, S. T. 1991. Verticillium wilt of cauliflower: an update. California-Arizona Farm Press. November 16.
11. A Koike, S. T. 1992. Splashing rain or irrigation water may spread bacterial leaf spot in lettuce. California-Arizona Farm Press. February 15.
12. A Koike, S. T. 1992. Seedborne pathogens: key factors in vegetable crop diseases. Monterey County Farm Bureau Farm Focus. Vol. 10, Winter.
13. E Little, E. L., Koike, S. T., and Gilbertson, R. L. 1992. Association of *Pseudomonas syringae* pv. *apii* with celery seed. *Phytopathology* 82:1072. Abstract.
14. A Koike, S. T. 1992. Verticillium wilt of cauliflower: an update. California-Arizona Farm Press, May 16.

15. D Gilbertson, R. L. and Koike, S. T. 1992. Bacterial blight of celery: epidemiology and control of a new disease in California. California Celery Research Advisory Board 1990-91 Annual Report.
16. E Zerbini, F. M., Koike, S. T., and Gilbertson, R. L. 1992. *Gazania* species: a potential alternate host of lettuce mosaic potyvirus. National Leafy Vegetable Conference. Monterey, California. Abstract.
17. A Koike, S. T. 1992. Anthracnose of spinach: first report in California. California-Arizona Farm Press, August 15.
18. A Koike, S. T. 1992. Verticillium wilt in vegetables. Vegetable, Vol. 1, September/October.
19. A Koike, S. T. 1992. Effect of preplant soil fumigants on soil-borne pathogens of strawberry. The Pink Sheet 92-20. December 2.
20. A Koike, S. T. 1993. Biological control of plant pathogens. Monterey County Farm Bureau Farm Focus. Volume 11, Winter.
21. E Koike, S. T., Subbarao, K. V., Davis, R. M., and Gordon, T. R. 1993. Verticillium wilt of cauliflower in California. Phytopathology 83:1345. Abstract.
22. E Zerbini, F. M., Koike, S. T., and Gilbertson, R. L. 1993. Biological and molecular characterization of lettuce mosaic potyvirus (LMV) isolates from the Salinas Valley. Phytopathology 83:1356. Abstract.
23. A Koike, S. T. 1993. Down side of wet year: crop fungi, bacteria flourish. The Californian. May 1.
24. A Koike, S. T. 1993. Crops may sprout unusual growth during summer. The Californian. June 26.
25. D Koike, S. T., Smith, R. F., and Schulbach, K. F. 1993. Evaluation of fungicides for control of downy mildew of spinach. Fungicide and Nematicide Tests 48:179.
26. E Subbarao, K. V., Dacuyan, S., Hubbard, J. C., Koike, S. T., and Jackson, L. 1993. Evaluation of three quantitative assays for *Sclerotinia minor*. Phytopathology 83:1363. Abstract.
27. E Zerbini, F. M., Koike, S. T., and Gilbertson, R. L. 1993. *Gazania* species: an alternate host of lettuce mosaic potyvirus (LMV) in the Salinas Valley. Phytopathology 83:1420. Abstract.
28. A Koike, S. T. 1993. Southern blight symptoms are many. California Arizona Farm Press. August 21.

29. A Koike, S. T. 1993. Plant pathology has shifted to curing crop disease. The Californian. September 11.
30. A Koike, S. T. 1993. Plant viruses, human germs share similar characteristics. The Californian. November 25.
31. A Koike, S. T. 1993. New threat on the central coast: Verticillium wilt of cauliflower. Coastal Grower. Fall.
32. D Gilbertson, R. L. and Koike, S. T. 1993. Bacterial blight of celery: epidemiology and control of a new disease in California. California Celery Research Advisory Board 1991-92 Annual Report.
33. D Koike, S. T. 1993. Re-evaluation of Vapam for the control of soilborne pathogens in lettuce fields. Iceberg Lettuce Advisory Board 1991-1992 Annual Report.
34. A Koike, S. T. 1994. Rain clouds hold benefits, problems for local crops. The Californian. February 17.
35. A Koike, S. T. 1994. Coastal disease changes explained. California-Arizona Farm Press. March 19.
36. A Koike, S. T. 1994. Soilborne pathogens: tough, persistent foes for farmers. Monterey County Farm Bureau Farm Focus. Volume 12, Spring.
37. A Koike, S. T. 1994. Seedborne pathogens prompt concern. The Monterey County Herald. May 27.
38. E Zerbini, F. M., Koike, S. T., and Gilbertson, R. L. 1994. Studies on the role of the ornamental plant *Gazania* sp. in the epidemiology of lettuce mosaic in the Salinas Valley. Phytopathology 84:1073. Abstract.
39. E Little, E. L., Koike, S. T., and Gilbertson, R. L. 1994. Characterization of *Pseudomonas syringae* pv. *apii* by RAPD analysis and development of pathovar-specific PCR primers. Phytopathology 84:1081. Abstract.
40. E Subbarao, K. V., Hubbard, J. C., and Koike, S. T. 1994. Effects of broccoli residue on *Verticillium dahliae* microsclerotia and wilt incidence in cauliflower. Phytopathology 84:1092. Abstract.
41. A Koike, S. T. 1994. Biocontrol may help reduce chemicals in agriculture. The Monterey County Herald. Sept. 30.
42. D Koike, S. T. 1994. Evaluation of lettuce drop disease chemical controls. Iceberg Lettuce Advisory Board 1993-1994 Annual Report.

43. D Gilbertson, R. L. and Koike, S. T. 1994. Epidemiology, detection, and management of celery bacterial blight. California Celery Research Advisory Board 1992-93 Annual Report.
44. E Koike, S. T. 1994. An overview of the cole crop industry in Monterey County, California. Proceedings Ontario Horticultural Crops Conference. February 16-17. Abstract.
45. E Koike, S. T. 1994. Coping with cole crop diseases in Monterey County, California. Proceedings Ontario Horticultural Crops Conference. February 16-17. Abstract.
46. E Gordon, T. R., Webb, R., Koike, S. T., and Subbarao, K. V. 1994. Management of Verticillium wilt in the absence of fumigation. Proceedings of Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Kissimmee, Florida. 9-1/9-2. Abstract.
47. A Koike, S. T. and Schulbach, K. F. 1994. Calcium often keys physiological ails of vegetable plants. California-Arizona Farm Press. November 19.
48. D Koike, S. T. and Subbarao, K. V. 1994. Evaluation of bed fumigation treatments for control of Verticillium wilt of cauliflower. Fungicide and Nematicide Tests 49:101.
49. D Koike, S. T. and Subbarao, K. V. 1994. Evaluation of split applications for control of lettuce drop. Fungicide and Nematicide Tests 49:113.
50. D Smith, R. F. and Koike, S. T. 1994. Evaluation of fungicides for control of powdery mildew on zucchini. Fungicide and Nematicide Tests 49:150.
51. A Gordon, T. R., Webb, R., and Koike, S. T. 1995. Management of Verticillium wilt in the absence of fumigation. The Pink Sheet, January 18.
52. A Koike, S. T. 1995. Lettuce bacterial blight remains problem on coast. California-Arizona Farm Press, February 18.
53. A Koike, S. T. 1995. New celery disease worsens. California-Arizona Farm Press, February 18.
54. A Koike, S. T. 1995. DNA put to good use in agriculture. The Monterey County Herald. June 30.
55. E Koike, S. T. and Subbarao, K. V. 1995. Verticillium wilt of cauliflower: a new disease in California. Phytoparasitica 23:52. International Verticillium Symposium in Israel. Abstract.
56. E Subbarao, K. V., Koike, S. T., and Hubbard, J. C. 1995. Effects of deep-plowing on density of *Sclerotinia minor* sclerotia and lettuce drop incidence. Phytopathology 85:1120. Abstract.

57. E Xiao, C.-L., Liu, L., Hubbard, J. C., Davis, R. M., Koike, S. T., Schulbach, K. F., and Subbarao, K. V. 1995. Broccoli residue for *Verticillium* wilt control: a potential alternative to chemical fumigants. Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reduction. San Diego. Abstract.
58. A Koike, S. T. 1995. Diagnosing plant problems. Worksheet for University of Florida Cooperative Extension Service. Distributed as an extension publication to Florida growers.
59. A Koike, S. T. 1995. New disease-predicting methods help farmers. The Monterey County Herald. September 29.
60. D Gilbertson, R. L., and Koike, S. T. 1995. Epidemiology, detection, and management of seedborne celery diseases. California Celery Research Advisory Board 1993-94 Annual Report.
61. D Koike, S. T. 1995. Preliminary investigation of bacterial leaf spot of lettuce. Iceberg Lettuce Advisory Board 1994-1995 Annual Report.
62. D Smith, R. F. and Koike, S. T. 1995. Evaluation of fungicides for control of powdery mildew on zucchini. Fungicide and Nematicide Tests 50:161.
63. A Koike, S. T. 1995. Powdery mildew strain found not to be host specific. California-Arizona Farm Press. August 19.
64. A Koike, S. T., and Subbarao, K. V. 1995. Deep plowing found to spread lettuce drop sclerotia in soil. California-Arizona Farm Press. October 21.
65. A Koike, S. T. 1995. Biology key to unlocking disease problems. Coastal Grower. Fall.
66. A Koike, S. T. 1996. Resistant plant varieties defend against disease. Monterey County Herald. January 5.
67. A Koike, S. T. 1996. Diagnosis: Detective cases in agriculture. Monterey County Herald. March 8.
68. E Xiao, C.-L., Liu, L., Schulbach, K. F., Koike, S. T., and Subbarao, K. V. 1996. The effects of broccoli residue and irrigation on the dynamics of *Verticillium dahliae* microsclerotia in soil and *Verticillium* wilt of cauliflower. Phytopathology 86: S27. Abstract.
69. E Koike, S. T., Smith, R. F., Jackson, L. E., Wyland, L. J., Inman, J. I., and Chaney, W. E. 1996. Phacelia, Lana Woollypod Vetch, and Austrian Winter Pea: Three New Cover Crop Hosts of *Sclerotinia minor* in California. Cover Crop Professional Development Workshop. Davis. Abstract.

70. E Koike, S. T. 1996. Association of *Botrytis cinerea* with an uneven fruit ripening phenomenon of strawberry in California. XIth International Botrytis Symposium. Wageningen, The Netherlands. Abstract.
71. A Koike, S. T. 1996. Cultural practices essential for disease control. Monterey County Herald. May 15.
72. A Koike, S. T. 1996. Disease biocontrol methods not practical. Monterey County Herald. July 13.
73. A Koike, S. T. 1996. Transplants revolutionize vegetable production. Monterey County Herald. July 21.
74. E Umesh, K. C., Koike, S. T., and Gilbertson, R. L. 1996. Association of *Xanthomonas campestris* pv. *vitians* with lettuce seed. Phytopathology 86: S3. Abstract.
75. E van Bruggen, A. H. C., Pennings, G. G. H., Moore, C. L., Wu, B. M., Subbarao, K. V., Koike, S. T., Bell, A., and Scherm, H. 1996. Geostatistical analysis of lettuce downy mildew incidence in coastal California. Phytopathology 86: S4. Abstract.
76. A Koike, S. T., and Gonzales, T. D. 1996. Diagnosing plant problems (in Spanish). Monterey County office publication.
77. D Koike, S. T., Schulbach, K. F., and Smith, R. F. 1996. Preliminary investigation of a celery petiole problem. California Celery Research Advisory Board 1994-95 Annual Report.
78. D Koike, S. T. 1996. Investigation of bacterial leaf spot of lettuce: Second year. Iceberg Lettuce Advisory Board 1995-1996 Annual Report.
79. D Koike, S. T., and Gonzales, T. G. 1996. Evaluation of fungicides for control of downy mildew of lettuce, 1995. Fungicide and Nematicide Tests 51:115.
80. A Koike, S. T. 1996. New crops bring new problems. Coastal Grower. Fall.
81. A Koike, S. T. 1996. Diseases thriving in farm soil give growers headaches. The Californian. September 9.
82. A Koike, S. T. 1997. Tomato bushy stunt virus in lettuce. Snow Seed Letter. Winter issue.
83. A Koike, S. T. 1997. Transplants revolutionizing the industry. The Californian Ag Monday feature. March 3.
84. A Koike, S. T. 1997. Diagnosis, treatment difficult for broccoli head rot. California Vegetable 2:6-7 (Mar./Apr.).

85. A Koike, S. T. 1997. Powdery mildew and its many hosts. *Vegetable* (Apr./May).
86. A Koike, S. T. 1997. Plant nematodes: The enemy below. *Coastal Grower*. Spring.
87. E Koike, S. T., Henderson, D. M., Barak, J. D., and Gilbertson, R. L. 1997. A leaf blight disease of leek in California caused by *Pseudomonas syringae*, and association of the pathogen with seed. *Phytopathology* 87:S53. Abstract.
88. D Koike, S. T., Schulbach, K. F., Chaney, W. E., and Smith, R. F. 1997. Investigation of celery petiole lesion, Second Year: Association of Dibrom with CPL. California Celery Research Advisory Board 1995-96 Annual Report.
89. D Koike, S. T., Gilbertson, R. L, Kodira, U., and Barak, J. D. 1997. Investigation of bacterial leaf spot of lettuce. Iceberg Lettuce Advisory Board 1996-1997 Annual Report.
90. D Koike, S. T., and Henderson, D. M. 1997. Implementation of a downy mildew prediction model. Iceberg Lettuce Advisory Board 1996-1997 Annual Report.
91. A Smith, R., Laemmlen, F., Koike, S., and Subbarao, K. 1997. Strategies to control powdery mildew. *Pepper News* (June).
92. A Koike, S. T. 1997. Area-wide efforts help curb virus. *California Vegetable* 2:10-11 (July/August).
93. A Koike, S. T. 1997. Tomato bushy stunt virus: a new lettuce virus concern. *California Vegetable Journal* 2:24 (November/December).
94. A Koike, S. T., and Falk, B. 1997. Review of beet western yellow virus in lettuce. *Vegetable* (Nov./Dec.).
95. D Koike, S. K., and Gonzales, T. G. 1997. Evaluation of fungicides for control of downy mildew of lettuce, 1996. *Fungicide and Nematicide Tests* 52:89.
96. D Koike, S. K., Gonzales, T. G., Henderson, D. M., and Oakes, E. D. 1997. Evaluation of fungicides for control of Septoria blight of parsley, 1996. *Fungicide and Nematicide Tests* 52:101.
97. A Koike, S. T. 1998. Wet weather brings more crop diseases. *The Californian Ag Monday* feature. March 30.
98. E Correll, J. C., Morelock, T. E., and Koike, S. T. 1998. Screening of the USDA spinach germplasm collection to two new races of the downy mildew pathogen (*Peronospora farinosa* f. sp. *spinaciae*). Leafy Vegetable Conference. Atlantic City, New Jersey. Abstract.

99. A Koike, S. T., and Smith, R. F. 1998. Rust disease attacks garlic on California's central coast. *California Vegetable Journal* 3:14-15 (May/June).
100. A Koike, S. T., and Smith, R. F. 1998. Outbreak of garlic rust on the central coast. *Coastal Grower*. Spring.
101. A Koike, S. T. 1998. Virus strikes romaine. *California Vegetable Journal* 3:10.
102. E Barak, J. D., Koike, S. T., and Gilbertson, R. L. 1998. Survival of *Xanthomonas campestris* pv. *vitiensis* in association with crop debris and weeds. *Phytopathology* 88:S6. Abstract.
103. E Bordas, A. C., Gubler, W. D., Koike, S. T., and Bull, C. T. 1998. Validation and modification of a disease forecasting model for Botrytis fruit rot of California strawberries. *Phytopathology* 88:S9. Abstract.
104. E Correll, J. C., Koike, S. T., Schafer, J., Anders, J. M., Irish, B. M., and Morelock, T. E. 1998. Two new races of the downy mildew pathogen (*Peronospora farinosa* f. sp. *spinaciae*) of spinach in the United States. *Phytopathology* 88:S19. Abstract.
105. A Koike, S. T., Smith, R. F., Davis, R. M., and Nunez, J. 1998. Garlic rust outbreak in California. Issues, News, Events for Vegetable Research and Information Center website ([vric.ucdavis.edu/html/issues](http://vric.ucdavis.edu/html/issues)).
106. A Koike, S. T. 1998. Slide set of plant diseases provided for IPM Publications Garden CD-ROM project.
107. D Smith, R. F., and Koike, S. T. 1998. Evaluation of chemicals for control of squash powdery mildew, 1997. *Fungicide and Nematicide Tests* 53:241.
108. A Koike, S. T. 1998. Diagnostics worksheet. University of California Cooperative Extension, Monterey County. County Publication.
109. D Koike, S. T. 1998. Fusarium yellows field screening. California Celery Research Advisory Board 1996-97 Annual Report.
110. D Koike, S. T., Gilbertson, R. L., and Barak, J. D. 1998. Investigation of bacterial leaf spot of lettuce. Iceberg Lettuce Advisory Board 1997-1998 Annual Report.
111. D Koike, S. T., and Henderson, D. M. 1998. Implementation of a downy mildew prediction model: 2nd year. Iceberg Lettuce Advisory Board 1997-1998 Annual Report.
112. E Smith, R. F., Koike, S. T., Davis, R. M., Subbarao, K. V., and Laemmlen, F. 1998. Strategies to control pepper powdery mildew. Proceedings of the National Pepper Conference. San Antonio, Texas. October 13-15. Abstract.

113. A Koike, S. T. 1999. Plant disease diagnosis: key to crop management. Coastal Grower. Winter.
114. A Smith, R. F., and Koike, S. T. 1999. Varieties tested for pink root resistance. California Vegetable Journal 4 (April):12.
115. E Bordas, A. C., Koike, S. T., Gubler, W. D., and Bull, C. T. 1999. Fruit, blossom, and foliar epiphytic populations of strawberry on the California coast. Phytopathology 89:S8. Abstract.
116. E Cintas, N. A., Bull, C. T., and Koike, S. T. 1999. Relationships of bacterial diseases of brassicas in the Salinas Valley of California. Phytopathology 89:S16. Abstract.
117. E Koike, S. T., Henderson, D. M., and Butler, E. E. 1999. A new leaf spot disease of spinach in California caused by *Stemphylium botryosum*. Phytopathology 89:S40. Abstract.
118. E Obermeier, C., Sears, J. L., Wisler, G. C., Liu, H. Y., Schlueter, K. O., Ryder, E. J., Duffus, J. E., and Koike, S. T. 1999. Characterization of a new tomato bushy stunt-related tomosvirus associated with lettuce dieback disease in California. Phytopathology 89:S57. Abstract.
119. A Koike, S. T. 1999. Disease resistance and disease management. California Vegetable Journal 4 (May/June):21-23.
120. E Koike, S. T., Smith, R. F., Davis, R. M., and Nunez, J. 1999. Severe outbreak of garlic rust disease in California. Proceedings of the 1998 National Onion (and other Allium) Research Conference. Sacramento, California. December 10-12. Abstract.
121. D Koike, S. T., and Henderson, D. M. 1999. Implementation of a downy mildew prediction model: 3rd and final year. California Lettuce Research Board 1998-1999 Annual Report.
122. D Koike, S. T., and Henderson, D. M. 1999. Examination of fungicide-insensitive strains of downy mildew. California Lettuce Research Board 1998-1999 Annual Report.
123. D Koike, S. T. 1999. Fusarium yellows field screening, second year. California Celery Research Advisory Board 1997-98 Annual Report.
124. D Koike, S. T., Gilbertson, R. L, and Barak, J. D. 1999. Investigation of bacterial leafspot of lettuce. California Lettuce Research Board 1998-1999 Annual Report.
125. D Koike, S. T. 1999. Evaluation of fungicides for controlling lettuce anthracnose disease. California Lettuce Research Board 1998-1999 Annual Report.
126. D Shetty, K. G., Subbarao, K. V., Martin, F. N., and Koike, S. T. 1999. Management of Verticillium wilt in strawberry using vegetable crop rotation. Proceedings of the 1999

Annual Research Conference on Methyl Bromide Alternatives and Emissions Reduction: 49-41/49-42. Online: <http://mbao.org/1999airc/1949shetty.pdf>.

127. A Koike, S. T. 2000. Review of lettuce mosaic virus. Vegetable Magazine. Spring.
128. E Bhat, R. G., Hubbard, J. C., Smith, R. F., Koike, S. T., and Subbarao, K. V. 2000. Prevalence of Verticillium wilt of pepper in California. Phytopathology 90:S7. Abstract.
129. E Cintas, N. A., Koike, S. T., and Bull, C. T. 2000. Rappini bacterial blight declines with delayed planting in the Salinas Valley of California. Phytopathology 90:S15. Abstract.
130. E Correll, J. C., Irish, B. M., Koike, S. T., and Morelock, T. E. 2000. Quantitative resistance to race 6 of the downy mildew pathogen (*Peronospora farinosa* f. sp. *spinaciae*) of spinach. Phytopathology 90:S16. Abstract.
131. E Hao, J. J., Subbarao, K. V., Hubbard, J. C., and Koike, S. T. 2000. Effects of broccoli rotation on lettuce drop caused by *Sclerotinia minor* and sclerotia in soil. Phytopathology 90:S34. Abstract.
132. E Wisler, G. C., Liu, H. Y., Schlueter, K. O., Duffus, J. E., and Koike, S. T. 2000. Characterization of tomosviruses that cause diseases of lettuce and tomato in the southwestern United States. Phytopathology 90:S56. Abstract.
133. A Koike, S. T., Vilchez, M., and Paulus, A. 2000. Research on *Cladosporium* and strawberry flowers. The Pink Sheet. 00-06. June 22.
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275. E Smith, R. F., Bensen, T. A., Subbarao, K. V., and Koike, S. T. 2006. Glucosinolate content of selected Brassicaceae grown in the Salinas Valley, California. Poster. 2nd International Biofumigation Symposium. Moscow, Idaho. June 25-29.

**The following publications (in blue bold font) were printed during this review period. Period covered is January 2007 to September 2009.**

276. A Koike, S. T., Delgado, D., and Bigelow, R. 2007. **Diagnosis e identificacion de las enfermedades de la fresa en la costa central de California. In: Plagas en la fresa. I wrote the text (in English), assisted with the translation into Spanish, and took the**

photographs for this chapter on diseases of strawberry. This color guidebook was printed in collaboration with the Agriculture & Land-Based Training Association.

277. D Koike, S. T. 2007. Establishing a statewide strawberry disease diagnostic center. California Strawberry Commission Annual Production Research Report, 2005-2006. p. 124-127.
278. D Correll, J. C., and Koike, S. T. 2007. First report of race 8 of the downy mildew pathogen of spinach in the United States. California Spinach Growers Research Fund Report. April 24. I assisted with the identification and confirmation of the new race, conducted field surveys for the new race, and helped write the report.
279. A Koike, S. T. 2007. Field identification of a new virus problem of lettuce: *Impatiens necrotic spot virus*. Monterey County Cooperative Extension bulletin.
280. E Bull, C. T., and Koike, S. T. 2007. Emergence of bacterial blight of crucifers in California and the U. S. Abstract. 2006 Pacific Division Meeting. American Phytopathological Society. Boise, Idaho. June 13-16. I made the initial discovery of this disease, documented new hosts of the pathogen, and collaborated with my co-author on all aspects of this study.
281. A Koike, S. T. 2007. Food safety issues pose complex challenge to vegetable industry. Coastal Grower. Summer: p. 16-17.
282. D Correll, J. C., Feng, C., Irish, B. M., Koike, S. T., Morelock, T. E., Bentley, T. C., and Tomlinson, A. N. 2007. Spinach downy mildew: overview of races and the development of molecular markers linked to major resistance genes. Proceedings of the 2nd International Downy Mildews Symposium. Olomouc, The Czech Republic. Book chapter in Advances in Downy Mildew Research, Volume 3, p. 135-142. A. Lebeda and P. T. N. Spencer-Phillips, editors. My overall spinach downy mildew contributed information and data to this proceedings, and I helped write the article.
283. A Koike, S. T., Smith, R. F., and Subbarao, K. V. 2007. Multi-year studies develop fumigation alternatives for soilborne pathogens. UC Delivers Success Story. September 12. <http://ucanr.org/delivers/>. I initiated the idea to write the article, designed the concept of the article, and was the main writer.
284. E Correll, J. C., Koike, S. T., Feng, C., Ware, S. B., and Morelock, T. E. 2007. Downy mildew of spinach in California –past history and future concerns. Abstract. 2007 International Spinach Conference Proceedings. Salinas. September 24-25. My overall spinach downy mildew contributed information and data to this proceedings, and I helped write the abstract.
285. E Koike, S. T. 2007. Plant disease issues for the California spinach industry. Abstract. 2007 International Spinach Conference Proceedings. Salinas. September 24-25.

286. E Mou, B., and Koike, S. T. 2007. Breeding for disease and insect resistance in spinach. Abstract. 2007 International Spinach Conference Proceedings. Salinas. September 24-25. I assisted with the inoculum production and greenhouse aspects of the project and helped write the article.
287. A Koike, S. T. 2007. A 2007 perspective on diseases. American Vegetable Grower. November. Page 55.
288. A Koike, S. T. 2007. Then and now: where Extension is headed in the future. American Vegetable Grower. December. Pages 26-27.
289. D Koike, S. T. 2008. Update on establishing a statewide strawberry disease diagnostic center; Development of *Macrophomina* disease concerns. California Strawberry Commission Annual Production Research Report, 2006-2007. p. 161-164.
290. A Bolda, M., and Koike, S. T. 2008. The past, present & future of soil-applied fumigants. CAPCA Advisor 11:30-31. I initiated the concept of the article, recruited my co-author, and helped write the article.
291. A Koike, S. T. 2008. Virus concerns on coastal vegetables. CAPCA Advisor 11:14-15.
292. D Jackson, L., Smukler, S., Murphree, L., Yokota, R., Koike, S.T., and Smith, R.F. 2008. Cross-disciplinary analysis of the on-farm transition from conventional to organic vegetable production. Proceedings paper. 16th IFOAM Organic World Congress (International Federation of Organic Agriculture Movements). June 18-20. Modena, Italy. I was in charge of the plant disease aspects of this multi-disciplinary project and contributed to the writing of this proceedings article.
293. E Njoroge, S. M. C., Park, S., Kang, S., Koike, S. T., and Subbarao, K. V. 2008. Comparative analysis of infection of broccoli and cauliflower by a green fluorescent protein-tagged *Verticillium dahliae* isolate. Abstract and poster. Phytopathology 98:S114. I contributed to the design and field implementation of this project and contributed to the abstract and poster.
294. E Wu, B. M., Koike, S. T., Vallad, G. E., and Subbarao, K. V. 2008. Post-fumigation horizontal and vertical recolonization of soil by *Verticillium dahliae*. Abstract and poster. Phytopathology 98:S173. I contributed to the design and field implementation of this project.
295. A Koike, S. T. 2008. New pathogen attacks Ventura County strawberries. Farm Bureau of Ventura County newsletter. Volume XL, No. 7. July.
296. D Correll, J. C., and Koike, S. T. 2008. A novel downy mildew strain affects spinach in California. California Spinach Growers Research Fund Report. September 24. I assisted with the identification and confirmation of the new race, conducted field surveys for the new race, and helped write the report.

297. A Koike, S. T., Cahn, M. D., Smith, R. F., Suslow, T. V., and Harris, L. 2008. UCCE investigates how *E. coli* survives in vegetable fields. UC Delivers Success Story. October 17. <<http://ucanr.org/delivers/>>. I initiated the idea to write the article, designed the concept of the article, and was the main writer.
298. D Koike, S. T. 2008. Investigation of tospoviruses in lettuce and outbreaks of *Impatiens necrotic spot virus*. October research bulletin. California Leafy Greens Research Board.
299. D Koike, S. T. 2008. Survival of generic and attenuated O157 *E. coli* strains in the field. October research bulletin. California Leafy Greens Research Board.
300. D Koike, S. T., Cahn, M. D., and Suslow, T. V. 2008. Survival of generic *E. coli* under different irrigation systems. California Leafy Greens Research Board. 2007-2008 Annual Report. I initiated the project, was PI, recruited the research team, was in charge of the field experiments, and was the main writer of the report.
301. D Correll, J. C., and Koike, S. T. 2008. Summary of spinach germplasm screening with strain UA2708PL. California Spinach Growers Research Fund Report. November 11. I assisted with the identification and confirmation of the new race, conducted field surveys for the new race, and helped write the report.
302. E Muramoto, J., Shennan, C., Fitzgerald, A., Koike, S., Bolda, M., Daugovich, O., Rosskopf, E. N., Burrelle, N. K., and Butler, D. M. 2008. Effect of anaerobic soil disinfestation on weed seed germination. Abstract and poster. Proceedings of the Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions 109.1-109.3. November 11. Orlando, Florida. I contributed to various aspects of this project and assisted with the writing of the abstract/poster.
303. A Koike, S. T. 2008. Farm advisors seek control of damaging lettuce virus. Ag Alert. Page 15. November 5.
304. A Koike, S. T. 2008. New virus attacks celery in California. Western Farm Press. On-line journal: <http://westernfarmpress.com/vegetables/celery-virus-1126/>. Also in printed format (Nov. 15, page 21).
305. A Koike, S. T., and Correll, J. C. 2008. Spinach downy mildew: new race found in 2008. Western Farm Press. On-line journal: <http://westernfarmpress.com/vegetables/downy-mildew-1128/>. I assisted with the identification and confirmation of the new race, conducted field surveys for the new race, and helped write the report.
306. D Koike, S. T. 2009. Operating a statewide strawberry disease diagnostic center and investigating *Macrophomina* and *Fusarium* in relation to strawberry plant collapse. California Strawberry Commission Annual Production Research Report 2007-2008. P. 87-91.

307. A Koike, S. T., and Subbarao, K. V. 2009. Spinach seed not yet proven as lettuce *Verticillium* source. *Vegetables West* 13 (2): 8-9. February. I initiated the concept of the article and was the main writer.
308. A Koike, S. T. 2009. Strawberry plant collapse problems in California. *CAPCA Adviser* 12 (2):8-9. April.
309. D Koike, S. T. 2009. Initial investigation of a potentially new virus problem of celery. Annual Report 2007-08. California Celery Research Advisory Board. p. 19-26.
310. D Koike, S. T., and Tjosvold, S. A. 2009. Susceptibility of selected Eastern-United States forest and woodland species to *Phytophthora ramorum*. Research report to USDA Forest Service (Project 05-JV11272138-068). I completed most of the research and was the main writer.
311. E Koike, S. T., Peterson, S. S., and Swanson, P. 2009. Food safety across the food spectrum: Research and education in the CCSR. Abstract and poster for statewide UC ANR meeting. Sacramento. April 27-30. I contributed to the concept and content of this abstract and poster.
312. A Gordon, T. R., and Koike, S. T. 2009. Strawberry dieback problems caused by *Fusarium* and *Macrophomina*. Field day handout and pictorial guide. Ventura. April 22. I contributed to the writing and illustration of this article.
313. E Butler, D. M., Roskopf, E. N., Kokalis-Burelle, N., Muramoto, J., Shennan, C., Koike, S., Bolda, M., and Daugovish, O. 2009. Impact of anaerobic soil disinfestation on introduced inoculum of *Phytophthora capsici* and *Verticillium dahliae*. Abstract. *Phytopathology* 99:S18. I contributed data for the *Verticillium* portion of this project.
314. E Correll, J. C., Koike, S. T., and Smilde, S. 2009. Naming of spinach downy mildew races, a case study. Abstract. *Phytopathology* 99:S156. I assisted with the identification and confirmation of spinach downy mildew races, and contributed data for this report.
315. A Koike, S. T., Smith, R., Turini, T., and Gilbertson, R. 2009. Vegetable growers helped with damaging thrips-vectored viruses. *UC Delivers Success Story*. September 4. <http://ucanr.org/delivers/>. I initiated the idea to write the article, designed the concept of the article, and was the main writer.
316. D Koike, S. T. 2009. Investigation of tospovirus outbreaks in California lettuce. California Leafy Greens Research Board. 2008-2009 Annual Report. <http://www.calgreens.org>
317. D Koike, S. T., du Toit, L. J., and Subbarao, K. V. 2009. *Verticillium* wilt of spinach: detection, biology, and control. California Leafy Greens Research Board. 2008-2009

Annual Report. <http://www.calgreens.org>. I contributed to the lab experiments and was the main writer of the report.

318. D [Koike, S. T.](#), Cahn, M., Smith, R., and Suslow, T. 2009. Survival and biology of *E. coli* under field production environments. California Leafy Greens Research Board. 2008-2009 Annual Report. <http://www.calgreens.org>. I initiated the project, was PI, recruited the research team, was in charge of the field experiments, and was the main writer of the report.
319. A [Koike, S. T.](#) 2009. Gray mold common on lettuce in 2009. CAPCA Advisor 12:26-29 (published September 15, 2009).

### III. Non-Peer-Review UC Newsletters (category A).

1. A Koike, S. T., and Bishop, A. L. 1990. Preliminary report of a new disease: bacterial leaf spot of celery. Monterey County Crop Notes. February.
2. A Koike, S. T. 1990. Outbreak of spinach downy mildew disease. Monterey County Crop Notes. February.
3. A Koike, S. T. 1990. Section 18 approved for NemaCur 3 on broccoli/cauliflower. Monterey County Crop Notes. December.
4. A Koike, S. T. 1991. Corky root disease of lettuce: a review of recent research. Monterey County Crop Notes. February. (Reviewed by A. H. C. van Bruggen.)
5. A Koike, S. T. 1991. Spinach downy mildew control: re-registration of Aliette. Monterey County Crop Notes. April.
6. A Koike, S. T. 1991. Bacterial leaf spot of cilantro. Monterey County Crop Notes. August.
7. A Koike, S. T. 1991. Septoria leaf spot of parsley. Monterey County Crop Notes. October.
8. A Koike, S. T. 1991. Verticillium wilt of cauliflower: an update. Monterey County Crop Notes. October.
9. A Koike, S. T. 1991. Bacterial leaf spot of lettuce. Monterey County Crop Notes. December.
10. A Koike, S. T. 1992. A new disease on California fennel. Monterey County Crop Notes. April.
11. A Koike, S. T., Davis, R. M., and Gordon, T. R. 1992. Verticillium wilt of cauliflower: preliminary report of a new disease development on the California coast. Plant Protection Quarterly Vol. 2, April. (Reviewed by newsletter editors.)
12. A Koike, S. T. 1992. Anthracnose of spinach: first report in California. Monterey County Crop Notes. June.
13. A Koike, S. T., and Chaney, W. E. 1992. Curly top disease of vegetables: a review. Monterey County Crop Notes. August. (Reviewed by R. M. Davis and R. L. Gilbertson.)
14. A Smith, R. F., and Koike, S. T. 1992. Outbreak of powdery mildew of peppers. Monterey County Crop Notes. October.

15. A Koike, S. T. and Inman, J. 1992. A review of lettuce drop disease caused by *Sclerotinia minor*. Monterey County Crop Notes. December.
16. A Koike, S. T. 1992. Bacterial head rot of broccoli. Monterey County Crop Notes. December.
17. A Koike, S. T. 1993. Spinach diseases enhanced by rain. Monterey County Crop Notes. February.
18. A Koike, S. T. 1993. Alternaria head rot of broccoli. Monterey County Crop Notes. April.
19. A Koike, S. T. 1993. Research update on bacterial blight of celery. Monterey County Crop Notes. June.
20. A Koike, S. T. 1993. Spring rains encourage lettuce diseases. Monterey County Crop Notes. June.
21. A Koike, S. T. 1993. The effect of sprinkler irrigation on foliar pathogens. The Salinas Valley Pipeline. May/June.
22. A Koike, S. T. 1993. Southern blight of vegetables. Monterey County Crop Notes. August.
23. A Koike, S. T. 1993. Late blight of tomato. Monterey County Crop Notes. October. (Reviewed by M. D. Coffey.)
24. A Koike, S. T. 1993. Research update on lettuce downy mildew. Monterey County Crop Notes. December. (Reviewed by R. W. Michelmore.)
25. A Koike, S. T. 1994. Vegetable disease summary for 1993. Monterey County Crop Notes. February.
26. A Koike, S. T. 1994. Call for plant samples. Monterey County Crop Notes. February.
27. A Koike, S. T. 1994. Recurrence of anthracnose of spinach. Monterey County Crop Notes. April.
28. A Koike, S. T. 1994. Outbreaks of lettuce bacterial leafspot. Monterey County Crop Notes. April.
29. A Koike, S. T. 1994. Diagnosis of plant problems. Monterey County Crop Notes. June.
30. A Koike, S. T. , and Schulbach, K. F. 1994. Physiological disorders strike vegetables. Monterey County Crop Notes. August.

31. A Koike, S. T., and Schulbach, K. F. 1994. Celery petiole lesion: a new problem. Monterey County Crop Notes. December.
32. A Koike, S. T. 1994. Lettuce bacterial blight continues. Monterey County Crop Notes. December.
33. A Koike, S. T. 1995. Winter storms enhance plant diseases. Monterey County Crop Notes. April.
34. A Koike, S. T. 1995. Microbial activity in post-flood agricultural fields. The Salinas Valley Pipeline. March-April.
35. A Koike, S. T. 1995. Powdery mildew of tomato, pepper, and other hosts. Monterey County Crop Notes. August.
36. A Koike, S. T., and Subbarao, K. V. 1995. New information on deep plowing for *Sclerotinia*. Monterey County Crop Notes. October.
37. A Koike, S. T., and Tjosvold, S. A. 1995. New powdery mildew diseases on cutflowers. Monterey County Crop Notes. October.
38. A Koike, S. T., Schulbach, K. F., and Smith, R. F. 1995. Celery petiole lesion still a problem. Monterey County Crop Notes. December.
39. A Koike, S. T., and Smith, R. F. 1995. New bacterial disease on arugula. Monterey County Crop Notes. December.
40. A Koike, S. T., Schulbach, K. F., Smith, R. F., and Chaney, W. E. 1996. New information on celery petiole lesion. Monterey County Crop Notes. February.
41. A Koike, S. T. 1996. Gray mold disease of strawberry. Central Coast Family Farm Report. February. Written in both English and Spanish (Translator: Richard Smith).
42. A Koike, S. T. 1996. Outbreak of diseases on leafy crucifers. Monterey County Crop Notes. April.
43. A Koike, S. T. 1996. Botrytis gray mold on lettuce. Monterey County Crop Notes. April.
44. A Koike, S. T. 1996. Fruit rots of raspberry. Central Coast Family Farm Report. May. Written in both English and Spanish (Translator: Richard Smith).
45. A Koike, S. T., and Coffey, M. D. 1996. Changes in the late blight situation. Monterey County Crop Notes. June.
46. A Koike, S. T. 1996. White rust disease of crucifers. Monterey County Crop Notes. June.

47. A Koike, S. T. 1996. Root rot problems of spinach. Monterey County Crop Notes. September.
48. A Koike, S. T. 1996. Cover crops might increase lettuce drop. Monterey County Crop Notes. November.
49. A Koike, S. T. 1997. Angular leafspot of strawberries. Central Coast Family Farm Report. February. Written in both English and Spanish (Translator: Richard Smith).
50. A Koike, S. T., and Subbarao, K. V. 1997. Verticillium wilt: new disease of lettuce. Monterey County Crop Notes. March.
51. A Koike, S. T. 1997. Review of lettuce mosaic virus. Monterey County Crop Notes. May.
52. A Koike, S. T. 1997. Host list for lettuce mosaic virus. Monterey County Crop Notes. May.
53. A Koike, S. T., and Falk, B. W. 1997. Review of beet western yellows virus in lettuce. Monterey County Crop Notes. July.
54. A Koike, S. T., and Falk, B. W. 1997. Partial host list for beet western yellows virus. Monterey County Crop Notes. July.
55. A Koike, S. T., Schulbach, K. F., and Subbarao, K. V. 1997. Effects of broccoli residue on the Verticillium disease of cauliflower. Monterey County Crop Notes. November.
56. A Koike, S. T. 1998. Review of powdery mildew diseases on coastal crops. Monterey County Crop Notes. January.
57. A Koike, S. T. 1998. Another race of spinach downy mildew. Monterey County Crop Notes. January.
58. A Koike, S. T. 1998. Spinach downy mildew: new race in California. Central Coast Family Farm Report. January. Written in both English and Spanish (Translator: Richard Smith).
59. A Koike, S. T. 1998. Lettuce anthracnose and "El Nino." Monterey County Crop Notes. March.
60. A Koike, S. T. 1998. Research continues on lettuce bacterial leafspot. Monterey County Crop Notes. March.
61. A Koike, S. T. 1998. Review of lettuce mosaic virus. Central Coast Agricultural Highlights. February.

62. A Koike, S. T., and Smith, R. F. 1998. Garlic rust outbreak in California. Monterey County Crop Notes. May.
63. A Koike, S. T. 1998. Help for serious diseases of lettuce, garlic, parsley. Monterey County Crop Notes. July.
64. A Koike, S. T., and Wisler, G. 1998. New threat to lettuce: tomato bushy stunt virus. Monterey County Crop Notes. September.
65. A Koike, S. T. 1998. Aster yellows disease of vegetables. Monterey County Crop Notes. September.
66. A Koike, S. T. 1998. Diseases of broccoli raab, or rappini. Monterey County Crop Notes. November.
67. A Koike, S. T. 1999. Broccoli head rot research. Monterey County Crop Notes. January.
68. A Koike, S. T. 1999. Bacterial blight and other diseases of leek. Monterey County Crop Notes. January.
69. A Koike, S. T. 1999. Plant disease diagnosis: key to crop management. Central Coast Family Farm Report. January.
70. A Koike, S. T. 1999. Garlic rust emerging again in 1999. Monterey County Crop Notes. April.
71. A Koike, S. T. 1999. Diseases to watch for in 1999. Monterey County Crop Notes. April.
72. A Smith, R. F., and Koike, S. T. 1999. Pink root of onion: symptoms, biology, field resistance trial. Monterey County Crop Notes. April.
73. A Koike, S. T., and Smith, R. F. 1999. Additional information on garlic rust disease. Monterey County Crop Notes. August.
74. A Koike, S. T. 1999. New disease of spinach: Stemphylium leaf spot. Monterey County Crop Notes. October.
75. A Koike, S. T., and Delgado, D. 1999. Research on a deformed fruit problem on strawberry. Family Farm Report. October. Written in both English and Spanish.
76. A Koike, S. T. 1999. Update on spinach downy mildew. Monterey County Crop Notes. December.
77. A Koike, S. T. 2000. Spinach anthracnose disease recurring in Salinas. Monterey County Crop Notes. April.

78. A Koike, S. T. 2000. Bacterial blight of broccoli: A new disease in the Salinas Valley. Monterey County Crop Notes. April.
79. A Koike, S. T. 2000. A potentially new disease of lettuce. Monterey County Crop Notes. July.
80. A Koike, S. T. 2000. Aster yellows disease of lettuce. Monterey County Crop Notes. July.
81. A Koike, S. T. 2001. The challenge of disease diagnosis; El desafio de la diagnosis de las enfermedades (Spanish version). Central Coast Family Farm Report. January.
82. A Koike, S. T., and Smith, R. F. 2001. Managing garlic rust disease. Monterey County Crop Notes. January.
83. A Koike, S. T. 2001. Research on Stemphylium leaf spot of spinach. Monterey County Crop Notes. January.
84. A Koike, S. T. 2001. Botrytis crown rot: problem for transplant lettuce. Monterey County Crop Notes. January.
85. A Koike, S. T. 2001. Phytophthora root rot of parsley. Monterey County Crop Notes. May.
86. A Koike, S. T. 2001. Spinach downy mildew still a threat. Monterey County Crop Notes. May.
87. A Koike, S. T. 2001. Research update on lettuce bacterial leaf spot. Monterey County Crop Notes. May.
88. A Koike, S. T., and Wintermantel, W. 2001. Information on the cause of lettuce dieback disease. Monterey County Crop Notes. July.
89. A Koike, S. T. 2001. Rhizoctonia diseases of brassicas. Monterey County Crop Notes. July.
90. A Koike, S. T. 2001. Possible garlic rust source: weeds? Monterey County Crop Notes. September.
91. A Koike, S. T. 2001. Rust disease of groundsel. Monterey County Crop Notes. September.
92. A Koike, S. T. 2001. Additional information on Stemphylium leaf spot of spinach. Monterey County Crop Notes. November.

93. A Koike, S. T. 2001. Research continues on new Romaine crown rot. Monterey County Crop Notes. November.
94. A Koike, S. T. 2001. Sclerotinia white mold on herbs and specialty crops. Monterey County Crop Notes. November.
95. A Koike, S. T. 2001. Progress on solving strawberry bronzing problems; Progreso en resolver el problema del bronce en la fresa (Spanish version). Central Coast Family Farm Report. December.
96. A Turini, T. A., and Koike, S. T. 2001. Results of lettuce powdery mildew fungicide comparisons. Imperial Agricultural Briefs. UCCE Imperial County newsletter. December. Pages 6-8.
97. A Koike, S. T. 2002. Bacterial leaf spot of spinach: new disease in California. Monterey County Crop Notes. May.
98. A Smith, R.F., and Koike, S. T. 2002. Nitrogen toxicity on head lettuce. Monterey County Crop Notes. May.
99. A Koike, S. T., and Turini, T. A. 2002. Lettuce powdery mildew. Monterey County Crop Notes. September.
100. A Koike, S. T., and Subbarao, K. V. 2002. Update on Verticillium wilt of lettuce. Monterey County Crop Notes. September.
101. A Koike, S. T., and Subbarao, K. V. 2002. Romaine crown rot = Phoma basal rot. Monterey County Crop Notes. November.
102. A Koike, S. T., and Smith, R. F. 2002. Mustard cover crop diseases might affect cash crops. Monterey County Crop Notes. November.
103. A Koike, S. T. 2003. Tomato late blight: a review and update. Monterey County Crop Notes. May.
104. A Koike, S. T. 2003. Foliar diseases of endive and escarole. Monterey County Crop Notes. May.
105. A Koike, S. T. 2003. Causes of strawberry fruit deformities; Causas de las deformidades de la fruta de la fresa (Spanish version). Central Coast Family Farm Report. June.
106. A Koike, S. T. 2003. Lettuce downy mildew insensitivity to Aliette. Monterey County Crop Notes. September.
107. A Smith, R., Brennan, E., Koike, S. T., and Barber, A. 2003. Rust on Merced rye cover crops evaluated. Monterey County Crop Notes. September.

108. A Koike, S. T. 2003. Damping-off of spinach. Monterey County Crop Notes. September.
109. A Koike, S. T. 2003. Recent disease developments in lettuce. Vegetable Notes, Edition #4: Cole Crops and Lettuce. Tulare and Kings Counties Newsletter.
110. A Koike, S. T. 2004. Recent disease developments in lettuce. Vegetable Crop Facts. Merced and Madera Counties Newsletter. February.
111. A Bolda, M., and Koike, S. T. 2004. Rust on caneberries. Monterey County Crop Notes. May-June.
112. A Koike, S. T. 2004. Understanding and identifying new diseases of crops. Monterey County Crop Notes. May-June.
113. A Koike, S. T. 2004. Powdery mildew of Apiaceae crops. Monterey County Crop Notes. July-August.
114. A Koike, S. T., and Correll, J. C. 2004. New disease developments in spinach. Monterey County Crop Notes. July-August.
115. A Bolda, M., and Koike, S. T. 2004. Evaluation of fungicides for control of caneberry rust. Monterey County Crop Notes. September-October.
116. A Smith, R., Koike, S. T., Colfer, G., Bensen, T., and Kammeijer, K. 2005. Club root evaluation on mustard cover crops. Monterey County Crop Notes. March-April.
117. A Koike, S. T. 2005. Lettuce anthracnose disease: a review. Monterey County Crop Notes. March-April.
118. A Koike, S. T. 2005. Sclerotinia white mold on greenhouse transplants. Monterey County Crop Notes. March-April.
119. A Koike, S. T. 2005. Outbreaks of severe lettuce downy mildew. Monterey County Crop Notes. March-April.
120. A Koike, S. T., and Chaney, W. E. 2005. Review of lettuce mosaic disease. Monterey County Crop Notes. May-June.
121. A Koike, S. T. 2005. Lettuce dieback disease common in 2005. Monterey County Crop Notes. May-June.
122. A Koike, S. T. 2005. Foliar diseases of arugula. Monterey County Crop Notes. May-June.
123. A Koike, S. T., and Bolda, M. 2005. Strawberry Plant Collapse Problems. Monterey County Crop Notes. September-October.

124. A Koike, S. T. 2005. Late Blight of Celery: A Review. Monterey County Crop Notes. September-October.
125. A Smith, R., Koike, S. T., Subbarao, K. V., Fennimore, S., and Bensen, T. 2005. Mustard cover crops to optimize rotations for lettuce production. Monterey County Crop Notes. September-October.
126. A Koike, S. T. 2006. Cilantro yellow blotch virus. Monterey County Crop Notes. January-February.
127. A Koike, S. T. 2006. Strawberry leaf blotch disease common in 2006. Monterey County Crop Notes. January-February.
128. A Koike, S. T. 2006. *Sclerotinia minor* host range. Monterey County Crop Notes. January-February.
129. A Koike, S. T., Smith, R., and Baameur, A. 2006. Pepper virus diseases: A review. Vegetable Notes edition #8: Fresh tomato and bell pepper. UCCE newsletter: Fresno, Tulare, and King Counties.
130. A Koike, S. T. 2006. Identifying diseases of radicchio. Monterey County Crop Notes. March-April.
131. A Bolda, M., and Koike, S. T. 2006. Leaf spot diseases on strawberry grown on the central coast of California. Monterey County Crop Notes. March-April.
132. A Koike, S. T., and Bull, C. 2006. Bacterial leaf spot of parsley: possible new disease. Monterey County Crop Notes. July-August.
133. A Koike, S. T. 2006. Leaf spots of mustards and leafy crucifers. Monterey County Crop Notes. July-August.
134. A Koike, S. T. 2006. Diseases of Swiss chard. Monterey County Crop Notes. July-August.
135. A Koike, S. T. 2006. White rot of onion and garlic: a review. Monterey County Crop Notes. July-August.

**The following publications (in blue bold font) were printed during this review period. Period covered is January 2007 to September 2009.**

136. A **Koike, S. T., Suslow, T., and Cahn, M. 2007. Food safety and Salinas Valley Crops: 1. Characterizing and naming *E. coli* O157:H7. Monterey County Crop Notes. May-June. Because of the 2006 contaminated spinach outbreak, I initiated a food safety series for our newsletter. I created the series concept, researched the topic, recruited a**

team of authors, and wrote most of the article. I also designed the article diagrams as a means of explaining the complexity of *E. coli* pathogens.

137. A [Koike, S. T.](#), and Wintermantel, B. 2007. Lettuce dieback disease: review. Monterey County Crop Notes. May-June. I initiated the concept for this review, recruited the co-author, and wrote most of the article.
138. A [Koike, S. T.](#) 2007. Food safety and Salinas Valley Crops: 2. Biology and ecology of *E. coli* O157:H7 in animal systems. Monterey County Crop Notes July-August. Rob Atwill and Wayne Jensen contributed to this article.
139. A [Koike, S. T.](#) 2007. Outbreak of rust disease on leek. Monterey County Crop Notes July-August.
140. A [Koike, S. T.](#), and Gilbertson, R. L. 2007. New virus disease of lettuce caused by *Impatiens necrotic spot virus*. Monterey County Crop Notes July-August. As PI I initiated the concept for this article, recruited the co-author, and wrote most of the article.
141. A Bolda, M., and [Koike, S. T.](#) 2008. Management of rust diseases in raspberries on the central coast of California. Monterey County Crop Notes. January February. I assisted the first author with the writing of this article.
142. A [Koike, S. T.](#) 2008. Diseases of fennel. Monterey County Crop Notes. January February.
143. A [Koike, S. T.](#), Tian, T., and Liu, H.-Y. 2008. Possible new virus on celery. Monterey County Crop Notes. March April. As PI I initiated the concept for this article, recruited the co-author, and wrote most of the article.
144. A Salmon, T., Smith, R., and [Koike, S. T.](#) 2008. Food safety and Salinas Valley crops: 3. Rodent control in leafy green vegetable production. Monterey County Crop Notes. May-June. Co-author Smith and I started the idea for the article and incorporated information from T. Salmon. I assisted with the microbiology information for the article.
145. A [Koike, S. T.](#) 2008. Macrophomina crown rot: possible new production issue for strawberry in California. Monterey County Crop Notes. July/August.
146. A [Koike, S. T.](#), and Suslow, T. 2008. Food safety and Salinas Valley Crops: 4. The question of seedborne *E. coli* O157:H7. Monterey County Crop Notes. July/August. I identified the seedborne issue as one of importance for clientele, created the concept for the article, and wrote most of the article.
147. A [Koike, S. T.](#) 2008. Downy mildew of corn-salad. Monterey County Crop Notes. September/October.

148. A [Koike, S. T.](#), and Correll, J. C. 2008. Spinach downy mildew: new race found in 2008. Monterey County Crop Notes. November/December. I initiated the concept of the article and wrote most of the article.
149. A [Koike, S. T.](#) 2008. Fusarium wilt of cilantro. Monterey County Crop Notes. November/December.
150. A [Koike, S. T.](#), and Subbarao, K. V. 2009. Lettuce Verticillium and spinach seed: researching possible connections. Monterey County Crop Notes. January/February. Based on our joint research, I initiated the concept of the article and co-wrote the article.
151. A [Koike, S. T.](#), Smith, R., Turini, T., and Gilbertson, R. L. 2009. Update on *Impatiens necrotic spot virus* in lettuce. Monterey County Crop Notes. January/February. As PI I initiated the concept for this article, recruited the co-authors, and wrote most of the article.
152. A [Koike, S. T.](#), Cahn, M., and Suslow, T. 2009. Food safety and Salinas Valley Crops: 5. Research on soil survival of *E. coli* in the Salinas Valley. Monterey County Crop Notes. March/April. As PI I initiated the concept for this article, recruited the co-authors, and wrote most of the article.
153. A [Koike, S. T.](#), and Bull, C. 2009. Occurrence of bacterial leaf spot of parsley in 2009. Monterey County Crop Notes. March/April. I initiated the concept of the article and wrote most of the article.
154. A [Koike, S. T.](#) 2009. Systemic downy mildew of lettuce and crucifers. Monterey County Crop Notes. March/April.
155. A [Koike, S. T.](#) 2009. Botrytis gray mold problems on lettuce. Monterey County Crop Notes. May/June.
156. A [Koike, S. T.](#), Liu, H.-Y., and Mou, B. 2009. Spinach as a host of *Impatiens necrotic spot virus*. Monterey County Crop Notes. May/June. I initiated the concept of the article and wrote most of the article.
157. A [Koike, S. T.](#) 2009. Spinach and other vegetables as new hosts of *Impatiens necrotic spot virus*. Veg Views newsletter. Stanislaus County. July.
158. A [Koike, S. T.](#) 2009. *Tobacco rattle virus*: new virus found in spinach. Monterey County Crop Notes. September/October.