*Revista de Investigación Agraria y Ambiental • Bogotá - Colombia*
*Vol. 13 No. 2 • julio - diciembre • 2022 / ISSN: 2145-6453 / pp. 15 - 51*

# ANEXOS

## ANEXO 1 BIBLIOGRAFÍA CONSULTADA COMPLETA

Abata, L. K., Izquierdo, A. R., Viera, W. & Flores, F. J. (2016). First report of Botrytis rot caused by *Botrytis cinerea* on peach in Ecuador. *Journal of Plant Pathology*, *98*(3). https://doi.org/10.4454/jpp.v98i3.3766

Abd-Alla, M. H., Bashandy, S. R. & Schnell, S. (2010). Occurrence of *Xanthomonas axonopodis* pv. *phaseoli*, the causal agent of common bacterial blight disease, on seeds of common bean (*Phaseolus vulgaris* L.) in upper Egypt. *Folia Microbiologica*, *55*(1), 47–52. https://doi.org/10.1007/s12223-010-0008-7

Acosta, K., Silva, F. N., Peña, L., Leyva, R., Piñol, B., Zamora, L., Urquiza, G. P. C., Zerbini, F. M., Carvalho, C. M. & Quiñones, M. (2015). Jack bean, a new host of '*Candidatus* phytoplasma asteris' (16SrI group) in Cuba. *Journal of Plant Pathology*, *97*. http://dx.doi.org/10.4454/JPP.V97I4SUP.020

Acosta, K., Zamora, L., Fernández, A., Arocha, Y., Martínez, Y., Santos, M. E., Méndez, J., Chávez, A., Leyva, N. E. (2011). First report of *Candidatus* Phytoplasma asteris' (group 16SrI) affecting papaya in Cuba. *New Disease Reports*, *24*. https://doi.org/10.5197/j.2044-0588.2011.024.029

Acosta, K., Zamora, L., Piñol, B., Fernández, A., Chávez, A., Flores, G., Méndez, J., Santos, M. E., Leyva, N. E. & Arocha, Y. (2013). Identification and molecular characterization of phytoplasmas and rickettsia pathogens associated with 'Bunchy Top Symptom'(BTS) and 'Papaya Bunchy Top'(PBT) of papaya in Cuba. *Crop Protection*, *45*, 49–56. https://doi.org/10.1016/j.cropro.2012.11.016

Acosta, K. I., Silva, F. N., Peña, L., Leyva, R. M., Piñol, B., Zamora, L., Urquiza, G. P. C., Zerbini, F. M., Carvalho, C. M. & Quiñones, M. (2018). First report of '*Candidatus* Phytoplasma asteris' associated with napier grass in Cuba. *Journal of Plant Pathology*, *100*(3), 603. https://doi.org/10.1007/s42161-018-0108-9

Acosta, K., Pantoja, M. Q. & Pérez-López, E. (2019). Diversity of Phytoplasmas in Cuba, Their Geographic Isolation and Potential Development of Management Strategies. En C. Y. Olivier, T. J. Dumonceaux, E. Pérez-López. (Eds.), *Sustainable Management of Phytoplasma Diseases in Crops Grown in the Tropical Belt* (pp. 87–103). *Springer.* https://doi.org/10.1007/978-3-030-29650-64

Aday-Díaz, O., Chinea, A., Mesa, J. M., La O, M., Zardón, M., Díaz, F. R., Suárez, H. J., Delgado, I., Machado, L. F. & Reyes, S. Barroso, J. y Gallardo, A. (2011). Fitoplasmas y virus de la hoja amarilla en el germoplasma y colecciones de

caña de azúcar en la región central de Cuba. *Fitosanidad*, *15*(4), 195–204. https://www.cabdirect.org/cabdirect/abstract/20133025619

Adeolu, M., Alnajar, S., Naushad, S. & Gupta, R. (2016). Genome-based phylogeny and taxonomy of the 'Enterobacteriales': proposal for Enterobacterales ord. nov. divided into the families Enterobacteriaceae, Erwiniaceae fam. nov., Pectobacteriaceae fam. nov., Yersiniaceae fam. nov., Hafniaceae fam. *International Journal of Systematic and Evolutionary Microbiology*, *66*(12), 5575–5599. https://doi.org/10.1099/ijsem.0.001485

Aguayo, J., Cerf-Wendling, I., Folscher, A. B., Fourrier-Jeandel, C., Ioos, R., Mathews, M. C., Mostert, D., Renault, C., Wilson, V. & Viljoen, A. (2021). First report of *Fusarium oxysporum* f. sp. *cubense* tropical race 4 (TR4) causing banana wilt in the Island of Mayotte. *Plant Disease*, *105*(1), 219. https://doi.org/10.1094/PDIS-06-20-1196-PDN

Alcorn, S. M., Orum, T. V., Steigerwalt, A. G., Foster, J. L. M., Fogleman, J. C. & Brenner, D. J. (1991). Taxonomy and Pathogenicity of *Erwinia cacticida* sp. nov. *International Journal of Systematic Bacteriology, 41*(2), 197–212. https://doi.org/10.1099/00207713-41-2-197

Aliaga, F., Hopp, E., Alvarez, E., Becerra, L. A. (2018). First report of a'*Candidatus* Phytoplasma asteris' isolate associated with banana elephantiasis disease in Colombia. *New Disease Reports*, *37*, 12. https://doi.org/10.5197/j.2044-0588.2018.037.012

Alippi, A. M., Bó, E. D., Ronco, L. B., Casanova, P. E. & Aguilar, O. M. (1997). Tomato as a New Host of *Erwinia carotovora* subsp. *carotovora* in Argentina. *Plant Disease*, *81*(2), 230. https://doi.org/10.1094/PDIS.1997.81.2.230A

Alippi, A. M. & López, A. C. (2009). First Report of *Pectobacterium carotovorum* subsp. *carotovorum* on *Spathiphyllum wallisii* in Argentina. *Plant Disease*, *93*(8), 842. https://doi.org/10.1094/PDIS-93-8-0842C

Almaraz, A., Ayala, V., Landero, N., Tlatilpa, I. F. & Nieto, D. (2019). First Report of *Colletotrichum truncatum* of *Solanum lycopersicum* in Mexico. *Plant Disease*, *103*(7), 1782. https://doi.org/10.1094/PDIS-10-18-1809-PDN

Almeida, R. P. P., De La Fuente, L., Koebnik, R., Lopes, J. R. S., Parnell, S. & Scherm, H. (2019). Addressing the new global threat of *Xylella fastidiosa. Phytopathology*, *109*(2), 172–174.

Almeida, R. P. P., Blua, M. J., Lopes, J. R. S. & Purcell, A. H. (2005). Vector Transmission of *Xylella fastidiosa*: Applying Fundamental Knowledge to Generate Disease Management Strategies. *Annals of the Entomological Society of America*, *98*(6), 775-786. https://doi.org/10.1603/0013-8746(2005)098%5B0775:VTOXFA%5D2.0.CO;2

Al-Saady, N. A., Khan, A. J., Calari, A., Al-Subhi, A. M. & Bertaccini, A. (2008). "*Candidatus* Phytoplasma omanense", associated with witches'-broom of *Cassia italica* Mill. Spreng. in Oman. *International Journal Of Systematic And Evolutionary Microbiology*, *58*(2), 461–466. https://doi.org/10.1099/ijs.0.65425-0

Al-Saleh, M. A. & Amer, M. A. (2014). Molecular characterization of the 16Sr II group of phytoplasma associated with faba bean (Vicia faba L.) in Saudi Arabia. *The Journal of Animal & Plant Sciences*, *24*(1), 221-228. http://www.thejaps.org.pk/docs/v-24-1/33.pdf

Álvarez, P. I., Grabowski, C., Carpio, C., Toro, V. S., Ferreira, A. F. T. A. & Mizubuti, E. S. G. (2021). First Report of *Ralstonia solanacearum* Causing Bacterial Wilt of Eucalyptus in Ecuador. *Plant Disease*, *105*(1), 211. https://doi.org/10.1094/PDIS-11-19-2516-PDN

Alvarez, E., Mejía, J. F., Contaldo, N., Paltrinieri, S., Duduk, B. & Bertaccini, A. (2014). '*Candidatus* Phytoplasma asteris' Strains Associated with Oil Palm Lethal Wilt in Colombia. *Plant Disease*, *98*(3), 311–318. https://doi.org/10.1094/PDIS-12-12-1182-RE

Alves, M. S., De Souza, A. N., Ribeiro, G. M., Carvalho, C. M., (2018). First report of a '*Candidatus* Phytoplasma asteris' isolate associated with *Macroptilium lathyroides* yellow leaf disease in Brazil. *New Disease Reports*, *37*. https://doi.org/10.5197/j.2044-0588.2018.037.011

Anderson, P. K., Cunningham, A. A., Patel, N. G., Morales, F. J., Epstein, P. R. & Daszak, P. (2004). Emerging infectious diseases of plants: pathogen pollution, climate change and agrotechnology drivers. *Trends in Ecology & Evolution*, *19*(10), 535–544. https://doi.org/10.1016/j.tree.2004.07.021

Aragona, M., Infantino, A., Valente, M. T., Grottoli, A. & Haegi, A. (2021). Genome Evolution of Fungal Plant Pathogens. En R. M. Balestrini, M. R. Mäkelä, J. Nosanchuk, C. Viegas, A. Vizzini, R. P. De Vries. (Eds.), *Encyclopedia of Micology* (Vol. 1). Elsevier. https://doi.org/https://doi.org/10.1016/B978-0-12-819990-9.00053-6

Araluce, C. R., Alcedo, Y. & Ramírez, G. (2016). First report of *Ralstonia solanacearum* in banana cultivation (Musa AAB) in Táchira state, Venezuela. *Fitosanidad*, *20*(2), 97–100. https://www.cabdirect.org/cabdirect/abstract/20183191085

Araujo, L., Cardoza, Y. F., Duarte, V., & De Moraes, M. G. (2020). Pseudomonas syringae causing bacterial canker on apple trees in Brazil. *Bragantia*, *79*(4), 592-598. https://doi.org/10.1590/1678-4499.20200246

Araujo, M., Diamont, D., Paez, M. E. y Hurtado, Y. (2017). Primer reporte de Irenopsis Melothriae, R. E. D. Baker & W. T. Dale, sobre Melothria Trilobata Cogn., en Venezuela. *Pittieria*, 41, 158–166. http://www.saber.ula.ve/bitstream/handle/123456789/44369/art7.pdf?sequence=1&isAllowed=y

Arismendi, N. L., Fiore, N. & Carrillo, R. (2015). Absence of Transovarial Transmission of '*Candidatus* Phytoplasma ulmi' in the Vector *Amplicephalus curtulus* Linnavuori & DeLong (Hemiptera: Cicadellidae): Is It a Rule More Than an Exception? *Neotropical Entomology*, *44*(1), 1–9. https://doi.org/10.1007/s13744-014-0249-2

Arocha, Y., Piñol, B., Picornell, B., Almeida, R. & Jones, P. (2006). First report of a 16SrII ('*Candidatus* Phytoplasma aurantifolia') group phytoplasma associated with a bunchy-top disease of papaya in Cuba. *Plant Pathology*, *55*(6), 821. https://doi.org/10.1111/j.1365-3059.2006.01480.x

Arocha, Y., Piñol, B., Picornell, B., Almeida, R., Jones, P., & Boa, E. (2006). Basil little leaf: a new disease associated with a phytoplasma of the 16SrI (AsterYellows) group in Cuba. *Plant Pathology*, *55(*6), 822. https://doi.org/10.1111/j.1365-3059.2006.01481.x

Arocha, Y., Plata, G., Franco, J., Maín, G., Veramendi, S., Lazcano, F., Crespo, J. L., Lino, V., Calderón, C., Llerena, R., Andrew, R., Antezana, O., Gutiérrez, A., Coca, M. & Boa, E. (2010). First report of a 16SrIII phytoplasma ( X -disease group) affecting bell pepper, strawberry (frutilla), *Schinus molle* and *Arracacia xanthorrhiza* in Cochabamba, Bolivia. *Plant Pathology*, *59*(2), 395. https://doi.org/10.1111/j.1365-3059.2009.02235.x

Arocha, Y., Singh, A., Pandey, M., Tripathi, A. N., Chandra, B., Shukla, S. K., Singh, Y., Kumar, A., Srivastava, R. K., Zaidi, N. W., Arif, M., Narwal, S., Tewari, A. K., Gupta, M. K., Nath, P. D., Rabindran, R., Khirbat, S. K., Byadgi, A. S., Singh, G. & Boa, E. (2009). New plant hosts for group 16SrII, '*Candidatus* Phytoplasma aurantifolia', in India. *Plant Pathology*, *58*(2), 391. https://doi.org/10.1111/j.1365-3059.2008.01969.x

Arocha, Y., Antesana, O., Montellano, E., Franco, P., Plata, G. & Jones, P. (2007). '*Candidatus* Phytoplasma lycopersici', a phytoplasma associated with 'hoja de perejil' disease in Bolivia. *International Journal of Systematic and Evolutionary Microbiology*, *57*(8), 1704–1710. https://doi.org/10.1099/ijs.0.64851-0

Arocha, Y., López, M., Piñol, B., Fernández, M., Picornell, B., Almeida, R., Palenzuela, I., Wilson, M. R. & Jones, P. (2005). '*Candidatus* Phytoplasma graminis'' and "Candidatus Phytoplasma caricae", two novel phytoplasmas associated with diseases of sugarcane, weeds and papaya in Cuba.

*International Journal of Systematic and Evolutionary Microbiology*, *55*(6), 2451–2463. https://doi.org/10.1099/ijs.0.63797-0

Arruabarrena, A., Rubio, L., González-Arcos, M., Maeso, D., Sánchez-Campos, S., Fonseca, M. D. N. & Boiteux, L. S. (2015). First report of Solanum sisymbriifolium and S. americanum as natural weed hosts of Tomato chlorosis virus (genus Crinivirus) in South America. *Plant Disease*, *99*(6), 895-895. https://doi.org/10.1094/PDIS-12-14-1315-PDN

Avelino, J., Cristancho, M., Georgiou, S., Imbach, P., Aguilar, L., Bornemann, G. Läderach, P., Anzueto, F., Hruska, A. J.& Morales, C. (2015). The coffee rust crises in Colombia and Central America (2008–2013): impacts, plausible causes and proposed solutions. *Food Security*, *7*(2), 303-321. https://doi.org/10.1007/s12571-015-0446-9

Ayala-Escobar, V., Pérez-López, A., Suaste-Dzul, A. P., Leyva-Mir, S. G. & Tovar-Pedraza, J. M. (2019). First report of *Pseudocercospora punicae* causing black spot of pomegranate fruit in Mexico. *Journal of Plant Pathology*, *101*(2), 403. https://doi.org/10.1007/s42161-018-0181-0

Ayliffe, M. & Sørensen, C. K. (2019). Plant nonhost resistance: paradigms and new environments. *Current Opinion in Plant Biology*, *50*, 104–113. https://doi.org/https://doi.org/10.1016/j.pbi.2019.03.011

Ayvar-Serna, S., Díaz-Nájera, J. F., Mena-Bahena, A., Ortiz-Montes, B. E., Alvarado-Gómez, O. G., Lima, N. B. & Tovar-Pedraza, J. M. (2020). First Report of Leaf Anthracnose Caused by *Colletotrichum tropicale* on Oregano (*Origanum vulgare*) in Mexico . *Plant Disease*, *104*(6), 1855. https://doi.org/10.1094/PDIS-01-20-0169-PDN

Baino, O. M., Salazar, S. M., Ramallo, A. C. & Kirschbaum, D. S. (2011). First report of *Macrophomina phaseolina* causing strawberry crown and root rot in northwestern Argentina. *Plant Disease*, *95*(11), 1477. https://doi.org/10.1094/PDIS-03-11-0193

Barbosa, L. Da F., Yuki, V. A., Marubayashi, J. M., De Marchi, B. R., Perini, F. L., Pavan, M. A., De Barros, D. R., Ghanim, M., Moriones, E., Navas-Castillo, J. & Krause-Sakate, R. (2015). First report of *Bemisia tabaci* Mediterranean ( Q biotype) species in Brazil. *Pest Management Science*, *71*(4), 501–504. https://doi.org/10.1002/ps.3909

Barroso, K. A., Moraes, A. J. G., Mariano, R. L. R., Gama, M. A. S., Souza, E. B., Queiroz, M. F., Silva, G. S. P., Da Paz, C. D, & Peixoto, A. R. (2019). First Report of *Pectobacterium aroidearum* Causing Soft Rot in Lettuce and Chinese Cabbage in Brazil. *Plant Disease*, *103*(12), 3274. https://doi.org/10.1094/PDIS-12-18-2237-PDN

Batista, J. G., Melo, F. L., Pereira-Carvalho, R. C., Alves-Freitas, D. M. T. & Ribeiro, S. G. (2019). First report of tomato apical leaf curl virus infecting tomato in Brazil. *Plant Disease*, *103*(6), 1443. https://doi.org/10.1094/PDIS-09-18-1636-PDN

Bebber, D. P., Ramotowski, M. A. T. & Gurr, S. J. (2013). Crop pests and pathogens move polewards in a warming world. *Nature Climate Change*, *3*(11), 985–988. https://doi.org/10.1038/NCLIMATE1990

Becker, N., Petrić, D., Zgomba, M., Boase, C., Madon, M. B., Dahl, C. & Kaiser, A. (2020). Chemical Control. *Mosquitoes*. Springer . https://doi.org/10.1007%2F978-3-030-11623-1_18

Beever, R. E., Wood, G. A., Andersen, M. T., Pennycook, S. R., Sutherland, P. W. & Forster, R. L. S. (2004). "*Candidatus* Phytoplasma australiense" in *Coprosma robusta* in New Zealand. *New Zealand Journal of Botany*, *42(*4), 663–675. https://doi.org/10.1080/0028825X.2004.9512918

Bejerman, N., Nome, C., Giolitti, F., Kitajima, E., De Breuil, S., Pérez Fernández, J., Basigalup, D., Cornacchione, M. & Lenardon, S. (2011). First report of aRhabdovirus infecting alfalfa in Argentina. *Plant Disease*, *95*(6), 771. https://doi.org/10.1094/PDIS-10-10-0764

Bellé, C., Ramos, R. F., Gabriel, M., Kaspary, T. E. & De Brida, A. L. (2019). *Colletotrichum gloeosporioides* causing leaf anthracnose on *Oxaliscorniculata* in Brazil . *Australasian Plant Disease Notes*, *14*(1), 36. https://doi.org/10.1007/s13314-019-0367-0

Berkeley, M. J. (1948). *Observations, Botanical and Physiological, on the Potato Murrain*. The American Phytopathological Society. https://doi.org/10.1094/9780890545232

Bernreiter, A., Garcia Teijeiro, R., Jarrin, D., Garrido, P. & Ramos, L. (2017). First report of maize yellow mosaic virus infecting maize in Ecuador. *New Disease Reports*, *36*. http://dx.doi.org/10.5197/j.2044-0588.2017.036.011

Bertaccini, A., Duduk, B., Paltrinieri, S. & Contaldo, N. (2014). Phytoplasmas and phytoplasma diseases: a severe threat to agriculture. *American Journal of Plant Sciences*, *5*(12), 2014. https://doi.org/10.4236/ajps.2014.512191

Bertaccini, A. & Lee, M. (2018). Phytoplasmas: an update. En G. Pratap, A. Bertaccini, N. Fiore & L. W. Liefting. (Eds.), *Phytoplasmas: plant pathogenic Bacteria-I* (pp. 1-29). Springer. https://link.springer.com/chapter/10.1007/978-981-13-0119-3_1

Bertin, S., Faggioli, F., Gentili, A., Manglli, A., Taglienti, A., Tiberini, A. & Tomassoli, L. (2021). Emerging and Re-Emerging Plant Viruses. En D. H. Bamford & M.

Zuckerman (Eds.), *Encyclopedia of Virology* ( 4th Edition) (pp. 8–20). Academic Press. https://doi.org/https://doi.org/10.1016/B978-0-12-809633-8.21532-X

Besoain, X., Guajardo, J. & Camps, R. (2017). First report of *Diplodia mutila* causing gummy canker in *Araucaria araucana* in Chile . *Plant Disease*, *101*(7), 1328. https://doi.org/10.1094/PDIS-12-16-1730-PDN

Besoain, X., Torres, C., Díaz, G. A. & Latorre, B. A. (2013). First report of *Neofusicoccum australe* associated with *Botryosphaeria* canker of grapevine in Chile. *Plant Disease*, *97*(1), 143. https://doi.org/10.1094/PDIS-07-12-0652-PDN

Betancourt, C., Salomón, C., Moreno, J. M., Montaño, S., Salazar, C., Uribe, P., Martínez, A., Muñoz, L. & Cuervo, M. (2020). Primer registro del Sugarcane mosaic virus en achira (Canna edulis Ker.) en Nariño, Colombia. *Revista U. D. C. A Actualidad & Divulgación Científica*, *23*(1). https://doi.org/10.31910/rudca.v23.n1.2020.1461

Bigirimana, V. De P., Hua, G. K. H., Nyamangyoku, O. I. & Höfte, M. (2015). Rice sheath rot: an emerging ubiquitous destructive disease complex. *Frontiers in Plant Science*, *6*, 1066. https://doi.org/10.3389/fpls.2015.01066

Bila, J., Mondjana, A., Samils, B. & Högberg, N. (2015). High diversity, expanding populations and purifying selection in phytoplasmas causing coconut lethal yellowing in Mozambique. *Plant Pathology*, *64*(3), 597–604. https://doi.org/10.1111/ppa.12306

Bila, J. (2016). *Coconut lethal yellowing phytoplasma disease in Mozambique* [Tesis doctoral, Universidad de Ciencias Agrícolas de Suecia]. Archivo digital. https://pub.epsilon.slu.se/13381/1/bila_j_160517.pdf

Bila, J., Modjana, A., Samils, B., Hogberg, N., Wilson, M. & Santos, L. (2017). First report of '*Candidatus* Phytoplasma palmicola' detection in the planthopper *Diostrombus mkurangai* in Mozambique. *Bulletin of Insectology*, *70*(1), 45-48. http://www.bulletinofinsectology.org/pdfarticles/vol70-2017-045-048bila.pdf

Boiteux, L. S., Fonseca, M. E. N., Reis, A., Costa, A. F., Fontes, M. G. & González-Arcos, M. (2016). Wild radish (*Raphanus* spp.) and garden rocket (*Eruca sativa*) as new Brassicaceae hosts of Tomato chlorosis virus in South America. *Plant Disease*, *100*(5), 1027. https://doi.org/10.1094/PDIS-09-15-1069-PDN

Bongiorno, V., Alessio, F., Curzel, V., Nome, C., Fernández, F. D. & Conci, L. R. (2020). '*Ca.* Phytoplasma pruni' and '*Ca.* Phytoplasma meliae' are affecting

plum in Argentina. *Australasian Plant Disease Notes*, *15*(1), 36. https://doi.org/10.1007/s13314-020-00406-8

Bordoh, P. K., Ali, A., Dickinson, M., Siddiqui, Y. & Romanazzi, G. (2020). A review on the management of postharvest anthracnose in dragon fruits caused by *Colletotrichum* spp. *Crop Protection*, *130*, 105067. https://doi.org/https://doi.org/10.1016/j.cropro.2019.105067

Borges, D. (2013). First report of *Fusarium thapsinum* Klittick affecting switchgrass inflorescences in state of Yaracuy , Venezuela . *Agronomía Tropical*, *63*(3-4), 135–141. http://ve.scielo.org/pdf/at/v63n3-4/art03.pdf

Brito, M., Garrido, M. J. (2011). First report of Puccinia *thaliae* in canna (*Canna indica*) in Maracay, Venezuela . *Fitopatología Venezolana*, *24*(2). https://www.researchgate.net/publication/264533695

Brito, M., Fernández-Rodríguez, T., Garrido, M. J., Mejías, A., Romano, M. & Marys, E. (2012). First report of Cowpea mild mottle carlavirus on yardlong bean (*Vigna unguiculata* subsp. *sesquipedalis*) in Venezuela . *Viruses, 4*(12), 3804–3811. https://doi.org/10.3390/v4123804

Buchman, J. L., Sengoda, V. G. & Munyaneza, J. E. (2011). Vector transmission efficiency of liberibacter by *Bactericera cockerelli* (Hemiptera: Triozidae) in zebra chip potato disease: effects of psyllid life stage and inoculation access period. *Journal of Economic Entomology*, *104*(5), 1486–1495. https://doi.org/10.1603/EC11123

Centre for Agricultural Bioscience International (2019). *Dickeya solani (black leg disease of potato)*. https://www.cabi.org/isc/datasheet/120278

Cabrera, D., Dal, A., Galdeano, E., Portal, O. & Giolitti, F. (2016). First report of Papaya ringspot virus infecting Carica papaya in Argentina. *Journal of Plant Pathology*, *98*(3). https://www.researchgate.net/publication/319321256

Cabrera-Huerta, E., Aranda-Ocampo, S., Hernandez-Castro, E., Nava-Diaz, C., Mora-Aguilera, J. A. & Vasquez-Lopez, A. (2019). First Report of Bacterial Wilt Caused by *Dickeya chrysanthemi* on Agave - Mezcal (*Agave cupreata*) in Mexico. *Plant Disease*, *103*(6), 1406. https://doi.org/10.1094/PDIS-05-18-0877-PDN

Caicedo, J., Vallejo, M., Simbaña, L. & Rivera, L. I. (2020). First report of '*Candidatus* Liberibacter solanacearum' causing leaf discoloration and wilting in tamarillo and cape gooseberry in Ecuador. *New Disease Reports*, *41*, 30. https://doi.org/10.5197/j.2044-0588.2020.041.030

Camacho-Tapia, M., Almaraz-Sánchez, A., Leyva-Mir, S. G. & Tovar-Pedraza, J. M. (2016). First report of tobacco root rot caused by *Phytophthora nicotianae* in

Mexico. *Journal of Plant Pathology*, *98*(2). https://www.researchgate.net/publication/304083684

Canale, M. C. & Bedendo, I. P. (2020). Report of '*Candidatus* Phytoplasma hispanicum' (16SrXIII-E) Associated with Cauliflower Stunt in São Paulo State, Brazil, and *Balclutha hebe* as Its Potential Vector. *Plant Disease*, *104*(3), 967. https://doi.org/10.1094/PDIS-10-19-2111-PDN

Candresse, T. & Fuchs, M. (2020). Closteroviridae. Els, 1-10. https://doi.org/10.1002/9780470015902.a0000747.pub4

Tonimara , C., Da Silva, A. C., Da Silva, L. M., Maciel, H. G., Borges, N. & Couto, A. (2014). *Teratosphaeria pseudoeucalypti* on eucalyptus in Brazil. *Tropical Plant Pathology*, *39*, 407–412. http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1982-56762014000500008&lang=es

Cardona, R. & Delgado, N. (2016). Inheritance of resistance to the rice (*Oryza sativa* L.) fungus *Rhizoctonia solani* in two rice populations in Venezuela. *Revista de La Facultad de Agronomía* de la Universidad Del Zulia, *33*(3), 311–324. https://www.cabdirect.org/cabdirect/abstract/20183035029

Carrero, C., Cedeño, L., Pino, H. & Quintero, K. (2016). First report of *Phytophthora palmivora* causing soft rot on fruits of papaya (*Carica papaya* L.) in Venezuela. *Fitopatología venezolana. Agronomía & Ambiente*, *36*(2). https://www.cabdirect.org/cabdirect/abstract/20173245979

Cardoza, Y. F., Duarte, V. & Lopes, C. A. (2017). First Report of Blackleg of Potato Caused by *Dickeya solani* in Brazil. *Plant Disease*, *101*(1), 243-243. https://doi.org/10.1094/PDIS-07-16-1045-PDN

Castro, M. O., Hartman, T., Coutinho, T., Lang, J. M., Korus, K., Leach, J. E., Jackson-Ziems, T. & Broders, K. (2020). Current Understanding of the History, Global Spread , Ecology , Evolution , and Management of the Corn Bacterial Leaf Streak Pathogen , *Xanthomonas vasicola* pv . vasculorum. *Phytopathology*, 1–8. https://doi.org/10.1094/PHYTO-01-20-0018-PER

Cedeño, L., Carrero, C., Ruíz, R., Fermín, G., Pino, H. & Quintero, K. (2011). First report of *Stemphylium solani* in Lisiantus. *Fitopatología Venezolana*, *24*(2), 38–41. https://www.cabdirect.org/cabdirect/abstract/20123416198

Céspedes, M. C., Cárdenas, M. E., Vargas, A. M., Rojas, A., Morales, J. G., Jiménez, P., Bernal, A. J. & Restrepo, S. (2013). Physiological and molecular characterization of *Phytophthora infestans* isolates from the Central Colombian Andean Region. *Revista Iberoamericana de Micologia*, *30*(2), 81–87. https://doi.org/10.1016/j.riam.2012.09.005

Charkowski, A. O. (2018). The Changing Face of Bacterial Soft-Rot Diseases. *Annual Review of Phytopathology*, *56*, 269–288. https://doi.org/10.1146/annurev-phyto-080417-045906

Chakraborty, S. & Newton, A. C. (2011). Climate change, plant diseases and food security: an overview. *Plant Pathology*, *60*(1), 2–14. https://doi.org/10.1111/j.1365-3059.2010.02411.x

Chang-Sidorchuk, L., González, H., Martínez-Zubiaur, Y., Navas-Castillo, J. & Fiallo-Olivé, E. (2016). First report of Rhynchosia golden mosaic Yucatan virus infecting soybean in Cuba. *Journal of Plant Pathology*, *98*(1). http://www.sipav.org/main/jpp/index.php/jpp/article/view/3480/2149

Charkowski, A. O. (2015). Biology and control of *Pectobacterium* in potato. *American Journal of Potato Research*, *92*(2), 223–229. https://doi.org/10.1007/s12230-015-9447-7

Chatterjee, S., Almeida, R. P. P. & Lindow, S. (2008). Living in two Worlds: The Plant and Insect Lifestyles of *Xylella fastidiosa* . *Annual Review of Phytopathology*, *46*(1), 243–271. https://doi.org/10.1146/annurev.phyto.45.062806.094342

Chavarro, E., Ceresini, P. C., Ramos Molina, L. M., Pereira, D. A. S., Schurt, D. A., Vieira, J. R., Poloni, N. M. & McDonald, B. A. (2015). The Urochloafoliar blight and collar rot pathogen *Rhizoctonia solani* AG -1 IA emerged in South America via a host shift from rice. *Phytopathology*, *105*(11), 1475–1486. https://doi.org/10.1094/PHYTO-04-15-0093-R

Chen, J., Groves, R., Civerolo, E. L., Viveros, M., Freeman, M. & Zheng, Y. (2007). Two *Xylella fastidiosa* Genotypes Associated with Almond Leaf Scorch Disease on the Same Location in California . *Phytopathology*, *95*(6), 708–714. https://doi.org/10.1094/PHYTO-95-0708

Chen, T. & Nan, Z. (2015). Effects of phytopathogens on plant community dynamics: A review. *Acta Ecológica Sinica*, *35*(6), 177–183. https://doi.org/https://doi.org/10.1016/j.chnaes.2015.09.003

Chingandu, N., Zia-ur-rehman, M., Sreenivasan, T. N., Surujdeo-Maharaj, S., Umaharan, P., Gutierrez, O. A. & Brown, J. K. (2017). Molecular characterization of previously elusive badnaviruses associated with symptomatic cacao in the New World. *Archives of Virology*, *162*(5), 1363–1371. https://doi.org/10.1007/s00705-017-3235-2

Chowda-Reddy, R., Kirankumar, M., Seal, S. E., Muniyappa, V., Valand, G. B., Govindappa, M. & Colvin, J. (2012). *Bemisia tabaci* Phylogenetic Groups in India and the Relative Transmission Efficacy of Tomato leaf curl Bangalore virus by an Indigenous and an Exotic Population . *Journal of*

*Integrative Agriculture*, *11*(2), 235–248. https://doi.org/10.1016/S2095-3119(12)60008-2

Chuche, J., Danet, J.-L., Salar, P., Foissac, X. & Thiéry, D. (2016). Transmission of '*Candidatus* Phytoplasma solani' by *Reptalus quinquecostatus* (*Hemiptera*: Cixiidae): *Reptalus quinquecostatus*, vector of stolbur. *Annals of Applied Biology, 169*(2), 214–223. https://doi.org/10.1111/aab.12291

Cibrián-Tovar, D., Pérez-Vera, O. A & Nava-Díaz, C. (2017). First report of powdery mildew caused by *Cystotheca lanestris* on *Quercus crassipes* in Mexico. *Journal of Plant Pathology*, *99*(3). http://dx.doi.org/10.4454/jpp.v99i3.3933

Coletta-Filho, H. D., Francisco, C. S., Lopes, J. R. S., Muller, C. & Almeida, R. P. P. (2017). Homologous recombination and *Xylella fastidiosa* host–pathogen associations in South America. *Phytopathology, 107*(3), 305–312. https://doi.org/10.1094/PHYTO-09-16-0321-R

Coletta-Filho, H. Della, Francisco, C. S., Lopes, J. R. S., De Oliveira, A. F. & De Oliveira Da Silva, L. F. (2016). First report of olive leaf scorch in Brazil, associated with *Xylella fastidiosa* subsp. pauca. *Phytopathologia Mediterranea*, 130–135. https://doi.org/10.14601/Phytopathol_Mediterr-17259

Conci, L., Meneguzzi, N., Galdeano, E., Torres, L., Nome, C. & Nome, S. (2005). Detection and molecular characterisation of an alfalfa phytoplasma in Argentina that represents a new subgroup in the 16S rDNA Ash Yellows group ('*Candidatus* Phytoplasma fraxini'). *European Journal of Plant Pathology, 113*(3), 255–265. https://doi.org/10.1007/s10658-005-0298-9

Conforto, C., Lima, N. B., Garcete-Gómez, J. M., Câmara, M. P. S. & Michereff, S. J. (2017). First report of *Colletotrichum siamense* and *C. fructicola* causing cladode brown spot in *Nopalea cochenillifera* in Brazil. *Journal of Plant Pathology*, 99(3). https://doi.org/10.4454/jpp.v99i3.3974

Contreras-Maya, R. & Villegas-Monter, A. (2020). First report VT isolate of Citrus Tristeza Virus in Veracruz, Mexico. *Horticulture International Journal*, *4*(3), 75-76. https://doi.org/10.15406/HIJ.2020.04.00161

Contreras-Rendón, A., Gutiérrez-Ibáñez, A. T., Sánchez-Pale, J. R., Silva-Rojas, H. V. & Laguna-Cerda, A. (2017). Zebra chip spatial behavior and *Bactericeracockerelli* (Sulc)( Hemiptera: Triozidae) in *Solanum tuberosum* L. in valleys high of Mexico. *Revista de La Facultad de Ciencias Agrarias de la Universidad Nacional del Cuyo*, *49*(1), 175–184. https://bdigital.uncu.edu.ar/objetos_digitales/9345/20171-cp15-tarn.pdf

Coppola, D. P. (2020). Chapter 4 – Mitigation. *Introduction to International Disaster Management* (4th ed.). Butterworth-Heinemann. https://www.sciencedirect.com/science/article/pii/B978012817368800004X

Corredor-Moreno, P. & Saunders, D. G. O. (2020), Expecting the unexpected: factors influencing the emergence of fungal and oomycete plant pathogens. *New Phytologist*, *225*, 118-125. https://doi.org/10.1111/nph.16007

Corzo, M., Quiñones, M. L. & Pauls, K. P. (2019). First report of *Xanthomonas campestris* causing black rot of chard in Cuba . *New Disease Reports*, *39*, 13. https://doi.org/10.5197/j.2044-0588.2019.039.013

Cui, W., Quiroga, N., Curkovic, S. T., Zamorano, A. & Fiore, N. (2019). Detection and identification of 16SrXIII - F and a novel 16SrXIII phytoplasma subgroups associated with strawberry phyllody in Chile . *European Journal of Plant Pathology*, *155*(3), 1039–1046. https://doi.org/10.1007/s10658-019-01808-w

Cvrković, T., Jović, J., Mitrović, M., Krstić, O. & Toševski, I. (2014). Experimental and molecular evidence of *Reptalus panzeri* as a natural vector of bois noir. *Plant Pathology*, *63*(1), 42–53. https://doi.org/10.1111/ppa.12080

Da Costa, R. C., Verzignassi, J. R., Poltronieri, L. S., Benchimol, R. L. & Carvalho, E. de A. (2012). Rubelose in *Rheedia acuminata* plants in Pará: first report. *Summa Phytopathologica*, *38*(3). https://doi.org/10.1590/S0100-54052012000300017

Da Costa, R. C., Verzignassi, J. R., Poltronieri, L. S., Benchimol, R. L. & Carvalho, E. de A. (2012). Cercospora apii em mastruz no Pará: primeiro relato. *Summa Phytopathologica*, *38*(4), 341–342. https://doi.org/10.1590/S0100-54052012000400013

Da Silva, J. M., Pereira, T. B. C., Banzato, T. C., Kitajima, E. W., Da Souto, E. R. & Bedendo, I. P. (2017). Molecular characterization of a phytoplasma affiliated with the 16SrVII group representative of the novel 16SrVII - F subgroup. *International Journal of Systematic and Evolutionary Microbiology*, *67*(8), 3122–3126. https://doi.org/10.1099/ijsem.0.001823

Da Silva, J. C., Bettiol, W. & Suassuna, N. D. (2019). Ramularia leaf spot: an emergent disease of cotton in Brazil. *Tropical Plant Pathology*, *44*(6), 473–482. https://doi.org/10.1007/s40858-019-00308-w

Da Silva, L. L., Moreno, H. L. A., Correia, H. L. N., Santana, M. F. & De Queiroz, M. V. (2020). *Colletotrichum*: species complexes, lifestyle, and peculiarities of some sources of genetic variability. *Applied Microbiology and Biotechnology*, *104*(5), 1891–1904. https://doi.org/10.1007/s00253-020-10363-y

Dadazio, T. S., Dias, R. C., Machado, C., Brito, I., Matos, A. K. A. & David, E. (2018). Huanglongbing (greening) incidences in citrus areas in the municipality Espírito Santo do Turvo, SP. *Citrus Research and Technology*, *39*(1). https://www.cabdirect.org/?target=%2fcabdirect%2fabstract%2f20193435375

Dal Zotto, A., Cardozo, A., Mederos, D. C., Nome, C., Giolitti, F. & Cobelo, C. (2017). First report of Raspberry bushy dwarf virus infecting raspberry in Argentina. *Journal of Plant Pathology*, *99*(2). http://dx.doi.org/10.4454/jpp.v99i2.3896

Da Paz, S. L., Neves, C. G., De Souza, I. T., Nascimento, M. Da Silva, F. N. & De Barros, D. R. (2020). Detection And Partial Molecular Characterization Of A Badnavirus Isolate In Brazil. *Brazilian Journal of Development, 6*(7), 52787–52796. https://doi.org/10.34117/bjdv6n7-794

Damm, U., Cannon, P. F., Woudenberg, J. H. C. & Crous, P. W. (2012). The *Colletotrichum acutatum* species complex. *Studies in Mycology*, *73*, 37–113. https://doi.org/https://doi.org/10.3114/sim0010

Damm, U., Sato, T., Alizadeh, A., Groenewald, J. Z. & Crous, P. W. (2019). The *Colletotrichum dracaenophilum, C. magnum* and *C. orchidearum* species complexes. *Studies in Mycology*, *92*, 1–46. https://doi.org/10.1016/j.simyco.2018.04.001

Daszak, P. (2000). Emerging Infectious Diseases of Wildlife -- Threats to Biodiversity and Human Health . *Science, 287*(5452), 443–449. https://doi.org/10.1126/science.287.5452.443

Davis, R. E., Harrison, N. A., Zhao, Y., Wei, W. & Dally, E. L. (2016). '*Candidatus* Phytoplasma hispanicum', a novel taxon associated with Mexican periwinkle virescence disease of *Catharanthus roseus*. *International Journal of Systematic and Evolutionary Microbiology*, *66*(9), 3463–3467. https://doi.org/10.1099/ijsem.0.001218

Davis, R. E., Zhao, Y., Dally, E. L., Lee, I.-M., Jomantiene, R. & Douglas, S. M. (2013). '*Candidatus* Phytoplasma pruni', a novel taxon associated with X - disease of stone fruits, Prunus spp.: multilocus characterization based on 16S rRNA, secY , and ribosomal protein genes. *International Journal of Systematic and Evolutionary Microbiology*, *63*(2), 766–776. https://doi.org/10.1099/ijs.0.041202-0

Davis, R. E., Zhao, Y., Wei, W., Dally, E. L. & Lee, I.-M. (2017). '*Candidatus* Phytoplasma luffae', a novel taxon associated with witches' broom disease of loofah, *Luffa aegyptica* Mill. *International Journal of Systematic and*

*Evolutionary Microbiology*, *67*(8), 3127–3133. https://doi.org/10.1099/ijsem.0.001980

De Aquino, L., Ventura, J. A., Costa, H., Kitajima, E. W., Ferreira, J. & Bedendo, I. P. (2018). Delineation of a novel subgroup 16SrXIII - Jphytoplasma, a ' *Candidatus* Phytoplasma hispanicum'-related strain, based on computer-simulated RFLP and phylogenetic analysis. *International Journal of Systematic and Evolutionary Microbiology*, *68*(3), 962–966. https://doi.org/10.1099/ijsem.0.002547

De Castro, G. M., Lima, M. F., Fonseca, M. E. N., Boiteux, L. S., Lobo, F. P., Silva, F. R. & Rech, E. (2016). First report of Papaya ringspot virus-type W infecting fevillea species (cucurbitaceae) in South America. *Plant disease*, *100*(12). http://dx.doi.org/10.1094/PDIS-05-16-0662-PDN

De Franquevielle, G., (2003). Oil palm bud root in Latin America. ExperimentalAgriculture, 39(3), 225-240. https://doi.org/10.1017/S0014479703001315

De Marchi, B. R., Marubayashi, J. M., Favara, G. M., Yuki, V. A., Watanabe, L. F. M., Barbosa, L. F., Pavan, M. A. & Krause-Sakate, R. (2017). Comparative transmission of five viruses by *Bemisia tabaci* NW2 and MEAM1. *Tropical Plant Pathology*, *42*(6), 495–499. https://doi.org/10.1007/s40858-017-0186-9

De Rojas, E. & Ruíz, E. (1972). *Investigaciones sobre la enfermedad pudrición del cogollo y pudrición de la flecha de la palma africana en la plantación "LaArenosa" de Coldesa S . A (Turbo) (Departamento de Antioquia)*. Instituto Geográfico Agustín Codazzi.

De Silva, D. D., Groenewald, J. Z., Crous, P. W., Ades, P. K., Nasruddin, A., Mongkolporn, O. & Taylor, P. W. J. (2019). Identification, prevalence and pathogenicity of *Colletotrichum* species causing anthracnose of *Capsicum annuum* in Asia. IMA Fungus, *10*(). https://doi.org/10.1186/s43008-019-0001-y

Debat, H., Luna, F., Moyano, S., Zavallo, D., Asurmendi, S. & Gomez-Talquenca, S. (2020). First report of grapevine Pinot gris virus infecting grapevine in Argentina. *Journal of Plant Pathology*, *102*(4), 1321. https://doi.org/10.1007/s42161-020-00608-0

Deberdt, P., Cellier, G., Coranson-Beaudu, R., Delmonteil–Girerd, M., Canguio, J. & Rhino, B. (2021). First Report of Bacterial Wilt Caused by *Ralstonia solanacearum* on *Plectranthus amboinicus* in Martinique. *Plant Disease*, *105*(8) https://doi.org/10.1094/PDIS-12-20-2622-PDN

Dees, M. W., Lysøe, E., Rossmann, S., Perminow, J. & Brurberg, M. B. (2017). *Pectobacterium polaris* sp. nov., isolated from potato (*Solanum tuberosum*). *International Journal of Systematic and Evolutionary Microbiology*, *67*(12), 5222–5229. https://doi.org/10.1099/ijsem.0.002448

Delgado, R., Morillo, E., Buitrón, J., Bustamante, A., Sotomayor, I. (2014). First report of Moko disease caused by *Ralstonia solanacearum* race 2 in plantain (Musa AAB) in Ecuador. *New Disease Reports*, *30*(23), 588–2044. https://doi.org/10.5197/j.2044-0588.2014.030.023

Der Vlugt, R. A. A., Stijger, C. C. M. M., Verhoeven, J. T. J. & Lesemann, D. E. (2000). First report of Pepino mosaic virus on tomato.*Plant Disease*, *84*(1). https://doi.org/10.1094/PDIS.2000.84.1.103C

De Oliveira, G., de Paula, J., Gomes, A., Rossinol, D. & Lopes, F. (2014). Detection and cellular localization of *Xanthomonas campestris* pv. *viticola* in seeds of commercial 'Red Globe' grapes. *Tropical Plant Pathology*, *39*, 134–140. http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1982-56762014000200004&lang=es

Di Serio, F., Flores, R., Verhoeven, J. T. J., Li, S.-F., Pallás, V., Randles, J. W., Sano, T., Vidalakis, G. & Owens, R. A. (2014). Current status of viroid taxonomy. *Archives of Virology*, *159*(12), 3467–3478. https://doi.org/10.1007/s00705-014-2200-6

Doni, F., Suhaimi, N. S. M., Mohamed, Z., Ishak, N. & Mispan, M. S. (2019). Pantoea: a newly identified causative agent for leaf blight disease in rice. *Journal of Plant Diseases and Protection*, *126*(6), 491–494. https://link.springer.com/article/10.1007/s41348-019-00244-6

Dorneles, K. R., Bastiani, M. O., Mocellin, R., Bellé, C. & Dallagnol, L. J. (2019). First Report of *Magnaporthe oryzae* Causing Gray Leaf Spot on Tough Lovegrass ( *Eragrostis plana*) in Brazil . *Plant Disease*, *103*(3), 586. https://doi.org/10.1094/PDIS-09-18-1494-PDN

Drenth, A., Janssen, E. M. & Govers, F. (1995). Formation and survival of oospores of *Phytophthora infestans* under natural conditions. *Plant Pathology*, *44*(1), 86–94. https://doi.org/10.1111/j.1365-3059.1995.tb02719.x

Duarte, L. M. L., Alexandre, M. A. V., Chaves, A. L. R., Canteli, A. R. A., Ramos, A. F. & Harakava, R. (2014). First report of Turnip mosaic virus on *Tropaeolum majus* in Brazil. *Journal of Plant Pathology*, *96*(3). https://doi.org/10.4454/JPP.V96I3.034

Duarte, V., De Boer, S. H., Ward, L. J. & Oliveira, A. M. R. (2004). Characterization of atypical *Erwinia carotovora* strains causing blackleg of potato in Brazil.

*Journal of Applied Microbiology*, *96*(3), 535–545. https://doi.org/10.1111/j.1365-2672.2004.02173.x

Duarte-Mata, E., Elías-Román, R. D., Klopfenstein, N. B., Hanna, J. W. & Kim, M.-S. (2021). First report of the Armillaria root-disease pathogen, *Armillaria gallica,* associated with several woody hosts in three states of central Mexico ( Guanajuato , Jalisco , and Michoacan ). *Plant Disease*, *105*(1), 222. https://doi.org/10.1094/PDIS-06-20-1274-PDN

Dyer, R. (1949). Botanical surveys and control of plant diseases. *Farming in South Africa*, *24*. https://www.cabi.org/isc/abstract/19491101254

Elad, Y. & Pertot, I. (2014). Climate change impacts on plant pathogens and plant diseases. *Journal of Crop Improvement*, *28*(1), 99–139. https://doi.org/10.1080/15427528.2014.865412

El-Sisi, Y., Omar, A. F., Sidaros, S. A. & ElSharkawy, M. M. (2017). Characterization of 16SrII - D subgroup associated phytoplasmas in new host plants in Egypt . *Archives of Phytopathology and Plant Protection*, *50*(9–10), 504–513. https://doi.org/10.1080/03235408.2017.1336154

Escalona, Y., & Contreras, N. (2011). First report of bacterial blight of passion fruit (*Passiflora edulis* Sims f. *flavicarpa*) in Venezuela. *Bioagro*, *23*(1), 69–75. https://www.cabdirect.org/?target=%2fcabdirect%2fabstract%2f20113221904

Etropolska, A. & Lefort, F. (2019). First report of *Candidatus* Phytoplasmaprunorum, the European stone fruit yellows phytoplasma on peach trees on the territory of Canton of Geneva , Switzerland . *International Journal of Phytopathology*, *8*(2), 63–67. https://doi.org/10.33687/phytopath.008.02.2965

Fajardo, T. V. M., Eiras, M. & Nickel, O. (2016). Detection and molecular characterization of Grapevine yellow speckle viroid 1 isolates infecting grapevines in Brazil . *Tropical Plant Pathology*, *41*(4), 246–253. https://doi.org/10.1007/s40858-016-0097-1

Félix-Gastélum, R., Maldonado-Mendoza, I. E., Olivas-Peraza, N. G., Peñuelas-Rubio, O., Leyva-Madrigal, K. Y., Cervantes-Gámez, R., Lizarraga-Sanchez, G. J. & Longoria-Espinoza, R. M. (2019). First report of sesame spot caused by *Xanthomonas campestris* pv. *sesami* in Sinaloa, Mexico . *Canadian Journal of Plant Pathology*, *41*(2), 296–300. https://doi.org/10.1080/07060661.2019.1566181

Fernandes-Acioli, N. A. N., Pereira-Carvalho, R. C., Fontenele, R. S., Lacorte, C., Ribeiro, S. G., Fonseca, M. E. N. & Boiteux, L. S. (2011). First report of Sida

micrantha mosaic virus in *Phaseolus vulgaris* in Brazil . *Plant Disease*, *95*(9), 1196. https://doi.org/10.1094/PDIS-05-10-0343

Fernández, E., Espinoza, I., Lozano, I., Bolaños, C., Carvajal-Yepes, M. & Cuellar, W. J. (2017). First report of cassava common mosaic disease and cassava common mosaic virus infecting cassava (*Manihot esculenta*) in Peru. *Plant Disease*, *101*(6), 1066. https://doi.org/10.1094/PDIS-10-16-1540-PDN

Fernández, F. D., Conci, V. C., Kirschbaum, D. S. & Conci, L. R. (2013). Molecular characterization of a phytoplasma of the ash yellows group occurring in strawberry (Fragaria x ananassa Duch.) plants in Argentina. *European Journal of Plant Pathology*, *135*(1), 1–4. https://doi.org/10.1007/s10658-012-9951-2

Fernández, F. D., Galdeano, E. & Conci, L. R. (2020). Phytoplasmas diversity and identification of new aster yellows subgroup (16SrI ) associated with weed species in Argentina . *International Journal of Systematic and Evolutionary Microbiology*, *70*(1), 35–43. https://doi.org/10.1099/ijsem.0.003704

Fernández, F. D., Guzmán, F. A., Baffoni, P., Reinoso, L., Kiehr, M., Delhey, R., Favere, V. M., Galdeano, E. & Conci, L. R. (2020). Phytoplasmas of subgroup16SrIII - J associated with *Beta vulgaris* in Argentina . *Tropical Plant Pathology*, *45*(2), 143–147. https://doi.org/10.1007/s40858-019-00317-9

Fernández, F. D., Meneguzzi, N. G. & Conci, L. R. (2017). Identification of three novel subgroups within the X -disease group phytoplasma associated with strawberry redness disease. *International Journal of Systematic and Evolutionary Microbiology*, *67*(3), 753–758. https://doi.org/10.1099/ijsem.0.001636

Fernández, F. D., Galdeano, E., Kornowski, M. V., Arneodo, J. D. & Conci, L. R. (2016). Description of '*Candidatus* Phytoplasma meliae', a phytoplasma associated with Chinaberry ( *Melia azedarach* L .) yellowing in South America . *International Journal of Systematic and Evolutionary Microbiology*, *66*(12), 5244–5251. https://doi.org/10.1099/ijsem.0.001503

Fernández, F., Alessio, F., Bongiorno, V., Galdeano, E. & Conci, L. (2020). Enfermedades causadas por Fitoplasmas. Situación en Argentina. Boletín de la Asociación Argentina de Fitopatólogos, (7), 1-13. http://aafitopatologos.com.ar/wp/wp-content/uploads/2020/12/Boletin-N-7-AAF.pdf

Ferriol-Marchena, X., Hernández-Rodríguez, L., Luis-Pantoja, M., García-García, G., Banguela-Castillo, A. & Pérez, J. M. (2013). First report of a '*Candidatus*

Phytoplasma asteris' isolate affecting a strawberry nursery in Cuba . *New Disease Reports*, *28*, 19. https://doi.org/10.5197/j.2044-0588.2013.028.019

Ferrucho, R. L., Cifuentes, J. M., Ceresini, P. & García-Domínguez, C. (2012). *Rhizoctonia solani* AG - 3PT is the major pathogen associated with potato stem canker and black scurf in Colombia. *Agronomía Colombiana*, *30*(2), 204–213. : https://www.researchgate.net/publication/260247056

Fígoli, C. B., Rojo, R., Gasoni, L. A., Kikot, G., Leguizamón, M., Gamba, R. R., Bosch, A. & Alconada, T. M. (2017). Characterization of *Fusarium graminearum* isolates recovered from wheat samples from Argentina by Fourier transform infrared spectroscopy: Phenotypic diversity and detection of specific markers of aggressiveness. *International Journal of Food Microbiology,* *244*, 36–42. https://doi.org/https://doi.org/10.1016/j.ijfoodmicro.2016.12.016

Figueruelo, A. M. & Comerio, R. M. (2016). First reported case of *Ramularia collo-cygni* for La Pampa Province, Argentina . *Semiárida*, *26*(1), 29–33. https://doi.org/10.19137/semiarida.2016(01).29-33

Firmino, A. C., De Moraes, W. B. & Furtado, E. L. (2015). First record *ofCeratocystis fimbriata* causing dry rot in *Acrocarpus fraxinifolius* in Brazil . *Summa Phytopathologica*, *41*(2). https://doi.org/10.1590/0100-5405/1954

Flores, R. & Owens, R. A. (2020). Viroids (Pospiviroidae and Avsunviroidae ). En D. H. Bamford & M. Zuckerman. (Eds.), *Encyclopedia of Virology* (4th ed.)(pp. 852–861). Elsevier. https://doi.org/10.1016/B978-0-12-809633-8.21257-0

Flores-Sánchez, J. L., Mora-Aguilera, G., Loeza-Kuk, E., López-Arroyo, J. I., Domínguez-Monge, S., Acevedo-Sánchez, G. & Robles-García, P. (2015). Yield loss caused by *Candidatus* Liberibacter asiaticus in Persian lime, in Yucatan Mexico. *Revista Mexicana de Fitopatología*, *33*(2), 195–210.

Fogliata, G. M., Martínez, C. V., Acosta, M. E., Muñoz, M. L. & Ploper, L. D. (2013). First report of Fusarium rot caused by *Fusarium oxysporum* on lemon in Tucumán, Argentina . *Plant Disease*, *97*(7), 989.

Foissac, X., Jreijiri, F., Salar, P., Wakim, S., Danet, J.-L. & Choueiri, E. (2019). A '*Candidatus* Phytoplasma omanense'-related strain detected in yellowing grapevine, stunted bindweed and Cixiidae planthoppers in Lebanon . *European Journal of Plant Pathology,* *153*(1), 265–272. https://doi.org/10.1007/s10658-018-1525-5

Fonseca, W. L., Cardoso, J. E., Viana, F. M. P., Brazil, S. O. S., Vieira, R. F. B. S., Ootani, M. A., Araújo, F. S. A., Lima, C. S., Cardoso, M. & Muniz, C. R. (2019). First report of *Erysiphe quercicola* causing powdery mildew in *Bixa*

*orellana* in Brazil. *Plant Disease*, *103*(6), 1424. https://doi.org/10.1094/PDIS-11-18-2026-PDN

Fontana, P. D., Rago, A. M., Fontana, C. A., Vignolo, G. M., Cocconcelli, P. S. & Mariotti, J. A. (2013). Isolation and genetic characterization of *Acidovorax avenae* from red stripe infected sugarcane in Northwestern Argentina. *European Journal of Plant Pathology*, *137*(3), 525–534. https://doi.org/10.1007/s10658-013-0263-y

Franco-Lara, L., García, J. A., Bernal, Y. E. & Rodríguez, R. A. (2020). Diversity of the '*Candidatus* Phytoplasma asteris' and '*Candidatus* Phytoplasma fraxini' isolates that infect urban trees in Bogotá, Colombia. *International Journal of Systematic and Evolutionary Microbiology, 70*(12), 6508–6517. https://doi.org/10.1099/ijsem.0.004553

French, C. T., Bulterys, P. L., Woodward, C. L., Tatters, A. O., Ng, K. R. & Miller, J. F. (2020). Virulence from the rhizosphere: ecology and evolution of *Burkholderia pseudomallei*-complex species. *Current Opinion in Microbiology*, *54*, 18–32. https://doi.org/https://doi.org/10.1016/j.mib.2019.12.004

Fronova. J., Lenz, O., Přibylová, J., Špak, J. Koloniuk, I., Suchá, J. & Paprštein, F. (2018). "Candidatus Phytoplasma asteris" and "*Candidatus* Phytoplasma mali" strains infecting sweet and sour cherry in the Czech Republic. *Journal of Phytopathology*, *166*(1), 59-66. https://doi.org/10.1111/jph.12661

Fry, W. E., Birch, P. R., Judelson, H. S., Grünwald, N. J., Danies, G., Everts, K. L., Gevens, A. J., Gugino, B. K., Johnson, D. A., Johnson, S. B., McGrath, M. T., Myers, K. L., Ristaino, J. B., Roberts, P. D., Secor, G. & Smart, C. D. (2015). Five Reasons to Consider Phytophthora infestans a Reemerging Pathogen. *Phytopathology*, *105*(7), 966–981. https://doi.org/10.1094/PHYTO-01-15-0005-FI

Fry, W. E., Birch, P. R. J., Judelson, H. S., Grünwald, N. J., Danies, G., Everts, K. L., Gevens, A. J., Gugino, B. K., Johnson, D. A. & Johnson, S. B. (2015). Five reasons to consider *Phytophthora infestans* a reemerging pathogen. *Phytopathology, 105*(7), 966–981. https://doi.org/10.1094/PHYTO-01-15-0005-FI

Fry, W. (2008). Phytophthora infestans: the plant (and R gene) destroyer. *Molecular Plant Pathology*, *9*(3), 385–402. https://doi.org/10.1111/j.1364-3703.2007.00465.x

Fuentes, Y. M. O., Ortiz, J. C. D., Chávez, E. C., Castillo, F. D. H., Olivas, A. F., Morales, G. G., Martínez, O. V. & Guerra, R. R. (2013). The first report of*Fusarium proliferatum* causing garlic bulb rots in Mexico. *African Journal of Agricultural Research, 8*(6), 570–573. https://doi.org/10.5897/AJAR12.1726

Gabriel, J., Condori, B., Gandarillas, A. & Plata, G. (2019). What is happening with climate and potato late blight [*Phytophthora infestans* (Mont.) De Bary] in Bolivia. *Revista Latinoamericana de La Papa, 23*(1), 63–75. https://www.cabdirect.org/cabdirect/abstract/20203306904

Galetto, L., Bosco, D., Balestrini, R., Genre, A., Fletcher, J. & Marzachì, C. (2011). The Major Antigenic Membrane Protein of "*Candidatus* Phytoplasma asteris" Selectively Interacts with ATP Synthase and Actin of Leafhopper Vectors. *Plos ONE*, *6*(7). https://doi.org/10.1371/journal.pone.0022571

Gallois, A., Samson, R., Ageron, E. & Grimont, P. A. D. (1992). *Erwinia carotovora* subsp. *odorifera* subsp. nov., Associated with Odorous Soft Rot of Chicory (*Cichorium intybus* L.). *International Journal of Systematic Bacteriology*, *42*(4), 582–588. https://doi.org/10.1099/00207713-42-4-582

Galvis, C. A., Leguizamón, J. E., Gaitán, Á. L., Mejía, J. F., Álvarez, E. & Arroyave, J. (2007). Detection and Identification of a Group 16SrIII - Related Phytoplasma Associated with Coffee Crispiness Disease in Colombia . *Plant Disease*, *91*(3), 248–252. https://doi.org/10.1094/PDIS-91-3-0248

Ganem, E. de J., Segnana, L. G., Kitajima, E. W. & Bedendo, I. P. (2019). Sesame phyllody associated with a 16SrI - B phytoplasma, a '*Candidatus* Phytoplasma asteris'-related strain, in Paraguay. *Scientia Agricola*, *76*(1), 47–50. https://doi.org/10.1590/1678-992x-2017-0140

García, L. & Manzano, A. M. (2017). First report of anthracnose on cherimoya caused by *Colletotrichum tropicale* in Cuba. *Journal of Plant Pathology*, *99*(3). https://www.cabdirect.org/cabdirect/abstract/20193250846

García-Barrera, L. J., Flores, A. C., Zamora, S. A. M., Ortíz-Gamino, D., Dumonceaux, T. J. & Pérez-López, E. (2021). Molecular characterization of a '*Candidatus* Phytoplasma asteris'-related strain ( 16SrI - B/ cpn60UT I - IB) affecting daisies (*Argyranthemum* spp.) in Mexico. *Australasian Plant Disease Notes*, *16*(1), 1–6. https://doi.org/10.1007/s13314-020-00415-7

García-Bastidas, F. A., Quintero-Vargas, J. C., Ayala-Vasquez, M., Schermer, T., Seidl, M. F., Santos-Paiva, M., Noguera, A. M., Aguilera-Galvez, C., Wittenberg, A., Hofstede, R., Sørensen, A. & Kema, G. H. J. (2020). FirstReport of Fusarium Wilt Tropical Race 4 in Cavendish Bananas Caused by *Fusarium odoratissimum* in Colombia. *Plant Disease*, *104*(3), 994. https://doi.org/10.1094/PDIS-09-19-1922-PDN

García-Leon, E., Leyva-Mir, S. G., Villaseñor-Mir, H. E., Rodríguez-García, M. F. & Tovar-Pedraza, J. M. (2013). Identification and incidence of three phytopathogenic fungi of new report on oat (*Avena sativa* L.) at Mexico 's

Central Plateau. *Agrociencia*, *47*(8), 815–827. http://www.scielo.org.mx/pdf/agro/v47n8/v47n8a6.pdf

García-López, E., Mora-Aguilera, J. A., Hernández-Castro, E., Jiménez-Vásquez, C. J., Batista-Marte, C. M. & Serra, C. (2017). First report of gall disease in mango trees caused by *Fusarium decemcellulare* in Dominican Republic. *Journal of Plant Pathology*, *99*(1). https://www.cabdirect.org/cabdirect/abstract/20183088551

Gardan, L., Gouy, C., Christen, R. & Samson, R. (2003). Elevation of three subspecies of *Pectobacterium carotovorum* to species level: *Pectobacterium atrosepticum* sp. nov., *Pectobacterium betavasculorum* sp. nov. and *Pectobacterium wasabiae* sp. nov. *International Journal of Systematic and Evolutionary Microbiology*, *53*(2), 381–391. https://doi.org/10.1099/ijs.0.02423-0

Garibaldi, A., Bertetti, D., Rapetti, S. & Gullino, M. L. (2011). First report of a new*Fusarium oxysporum* causing carnation wilt in Colombia. *Journal of Plant Pathology,* 93(4). http://www.sipav.org/main/jpp/index.php/jpp/issue/view/118

Gautam, H. R., Bhardwaj, M. L. & Kumar, R. (2013). Climate change and its impact on plant diseases. *Current Science*, *105*(12), 1685–1691. https://www.jstor.org/stable/24099750

Gergerich, R. C. & Dolja, V. V.. (2006). Introducción a los Virus Vegetales, el Enemigo Invisible. *The Plant Health Instructor*. https://doi.org/10.1094/PHI-I-2008-0122-01

Ghag, S. B., Shekhawat, U. K. S. & Ganapathi, T. R. (2015). Fusarium wilt of banana: biology, epidemiology and management. *International Journal of Pest Management*, *61*(3), 250–263. https://doi.org/10.1080/09670874.2015.1043972

Ghosh, D. K., Motghare, M., Kokane, A., Kokane, S., Warghane, A., Bhose, S., Surwase, D. & Ladaniya, M. S. (2019). First report of a '*Candidatus* Phytoplasma cynodontis'-related strain (group 16SrXIV ) associated with Huanglongbing disease on *Citrus grandis. Australasian Plant Disease Notes*, *14*(1), 9. https://doi.org/10.1007/s13314-019-0340-y

Gibbs, A. J., Ohshima, K., Yasaka, R., Mohammadi, M., Gibbs, M. J. & Jones, R. (2017). The phylogenetics of the global population of *potato virus* Y and its necrogenic recombinants. Virus evolution, *3*(1). https://doi.org/10.1093/ve/vex002

Gil, J. G. R., Tamayo, P. J. & Morales, J. G. (2017). Identification and pathogenicity of microorganisms affecting purple passion fruit in Colombia. *Revista Ceres*, *64*, 250-257. https://doi.org/10.1590/0034-737X201764030005

Gilbertson, R. L., Batuman, O., Webster, C. G. & Adkins, S. (2015). Role of the insect supervectors *Bemisia tabaci* and *Frankliniella occidentalis* in the emergence and global spread of plant viruses. *Annual Review Virology*, *2*(1), 67–93. https://doi.org/10.1146/annurev-virology-031413-085410

Gillis, A., Santana, M. A., Rodríguez, M & Romay, G. (2017). First Report of Bell Pepper Soft - Rot Caused by *Pectobacterium carotovorum* subsp. *brasiliense* in Venezuela. *Plant Disease*, *101*(9), 1671. https://doi.org/10.1094/PDIS-03-17-0361-PDN

Gillis, A., Santana, M. A., Rodríguez, M. & Romay, G. (2017). First report of bell pepper soft-rot caused by *Pectobacterium carotovorum* subsp. *brasiliense* in Venezuela. *Plant Disease*, *101*(9), 1671. https://doi.org/10.1094/PDIS-03-17-0361-PDN

Gladieux, P., Byrnes, E. J., Aguileta, G., Fisher, M., Billmyre, R. B., Heitman, J. & Giraud, T. (2017). 4 - Epidemiology and Evolution of Fungal Pathogens in Plants and Animals. *Genetics and Evolution of Infectious Diseases* (2nd ed.) (pp. 71–98). *Elsevier.* https://doi.org/https://doi.org/10.1016/B978-0-12-799942-5.00004-4

Gobatto, D., Chaves, A. L. R., Harakava, R., Marque, J. M., Daròs, J. A. & Eiras, M. (2014). Chrysanthemum Stunt Viroid In Brazil: Survey, Identification, Biological And Molecular Characterization And Detection Methods. *Journal of Plant Pathology*, *1*(96), 111-119 https://doi.org/10.4454/JPP.V96I1.037

Gómez, E., Figuera, L., Guilarte, D. V., Simoni, Z., Tulio, M., Berrizbeitia, M., Cerrada, S.. (2016). First report of *Cyclosporacayetanensis* in an indigenous Kariña a community in Sucre state, Venezuela. *Boletín de Malariología y Salud Ambiental*, *56*(1), 19–29. https://www.cabdirect.org/cabdirect/abstract/20173164095

Gómez-Alpizar, L., Carbone, I. & Ristaino, J. B. (2007). An Andean origin of Phytophthora infestans inferred from mitochondrial and nuclear gene genealogies. *Proceedings of the National Academy of Sciences*, *104*(9), 3306–3311. https://doi.org/10.1073/pnas.0611479104

González, A. D., Franco, M. A., Contreras, N., Galindo-Castro, I., Jayaro, Y. & Graterol, E. (2015). First Report of *Pantoea agglomerans* Causing Rice Leaf Blight in Venezuela. *Plant Disease*, *99*(4), 552. https://doi.org/10.1094/PDIS-07-14-0736-PDN

González, P., Alaniz, S., Montelongo, M. J., Rauduviniche, L., Rebellato, J., Silvera-Pérez, E. & Mondino, P. (2012). First report of *Pestalotiopsis clavispora* causing dieback on blueberry in Uruguay. *Plant Disease*, *96*(6), 914. https://doi.org/10.1094/PDIS-12-11-1070-PDN

González-Pacheco, B. E., Rojas-Martínez, R. I., Ochoa-Martínez, D. L. & Silva-Rosales, L. (2014). First report of a 16SR IV group phytoplasma associated with lethal yellowing in *Agave tequilana*. *Journal of Plant Pathology*, *96*(3). https://www.cabdirect.org/cabdirect/abstract/20153003140

González-Pérez, E. & Yáñez-Morales, M. J. (2013). First report in Mexico of *Penicillium brevicompactum* causing corm rot of *Gladiolus grandiflorus* in storage. *Journal of Plant Pathology*, *95*(3). https://www.cabdirect.org/cabdirect/abstract/20153279004

González, F., Zamorano, A., Pino, A. M., Paltrinieri, S., Bertaccini, A. & Fiore, N. (2011). Identification of phytoplasma belonging to X-disease group in cherry in Chile. *Bulletin of Insectology*, *64*. https://www.cabdirect.org/cabdirect/abstract/20113376470

Gootz, T. D. (2010). The Global Problem of Antibiotic Resistance . *Critical Reviews in Immunology*, *30*(1), 79–93. https://doi.org/10.1615/CritRevImmunol.v30.i1.60

Gorjón, S. P. (2012). First record of *Dendrothele mangiferae* (Agaricales , Basidiomycota) from the Neotropics. *Mycotaxon*, *119*, 137–140. https://www.cabdirect.org/cabdirect/abstract/20123196568

Goss, E. M., Tabima, J. F., Cooke, D. E. L., Restrepo, S., Fry, W. E., Forbes, G. A., Fieland, V. J., Cardenas, M. & Grunwald, N. J. (2014). The Irish potato famine pathogen *Phytophthora infestans* originated in central Mexico rather than the Andes . *Proceedings of the National Academy of Sciences*, *111*(24), 8791–8796. https://doi.org/10.1073/pnas.1401884111

Greger, M. (2007). The Human / Animal Interface: Emergence and Resurgence of Zoonotic Infectious Diseases . *Critical Reviews in Microbiology*, *33*(4), 243–299. https://doi.org/10.1080/10408410701647594

Grenville-Briggs, L. J. & Van West, P. (2005). The biotrophic stages of oomycete–plant interactions. *Advances in applied microbiology*, *57*, 217-243. https://doi.org/10.1016/S0065-2164(05)57007-2

Grijalba, P. E., Ridao, A. D. C. & Steciow, M. (2020). Damping off on soybean (Glycine max) caused by Pythium aphanidermatum in Buenos Aires Province (Argentina). *Revista de la Facultad de Ciencias Agrarias de la Universidad Nacional delCuyo*, *52*(2), 282-288. https://revistas.uncu.edu.ar/ojs3/index.php/RFCA/article/view/3027/2194

Grzeça, G. T., Bovolini, M. P., Schafer, G., Lazarotto, M. & Harakawa, R. (2018). First report of powdery mildew in *Sesbania punicea* Benth (Cav.) in Brazil. *Summa Phytopathologica, 44*(3), 295. https://www.cabdirect.org/cabdirect/abstract/20203297778

Guajardo, J., Riquelme, N., Tapia, L., Larach, A., Torres, C., Camps, R. & Besoain, X. (2018). First report *of Lasiodiplodia theobromae* causing bot gummosis in *Citrus limon* in Chile . *Plant Disease*, *102*(4), 818. https://doi.org/10.1094/PDIS-09-17-1517-PDN

Guerrero, J. A. & Pérez, S. M. (2013). First report of shoot blight and canker caused by Diplodia coryli in hazelnut trees in Chile. *Plant disease*, *97*(1), 144-144. https://doi.org/10.1094/PDIS-07-12-0667-PDN

Guevara, F. E., Oviedo, M. A., Corral, M., Viera, W. F., Garrido, P. A., Leon-Reyes, A. & Flores, F. J. (2019). First Report of Alternaria Brown Spot in Cherimoya (*Annona cherimola* Mill .) Caused by *Alternaria alternata* in Ecuador. *Plant Disease*, *103*(11), 2949. https://doi.org/10.1094/PDIS-02-19-0416-PDN

Guglielmi Montano, H. & Arocha Rosete, Y. (2019). First report of the identification of a '*Candidatus* Phytoplasma pruni' -related strain of phytoplasma in *Melothria pendula. New Disease Reports*, *39*, 5. https://doi.org/10.5197/j.2044-0588.2019.039.005

Guo, T., Guo, Q., Cui, X.-Y., Liu, Y.-Q., Hu, J. & Liu, S.-S. (2015). Comparison of transmission of Papaya leaf curl China virus among four cryptic species of the whitefly *Bemisia tabaci* complex. *Scientific Reports*, *5*(1), 15432. https://doi.org/10.1038/srep15432

Haapalainen, M. (2014). Biology and epidemics of *Candidatus* Liberibacterspecies, psyllid-transmitted plant-pathogenic bacteria. *Annals of Applied Biology*, *165*(2), 172–198. https://doi.org/10.1111/aab.12149

Haapalainen, M., Wang, J., Latvala, S., Lehtonen, M. T., Pirhonen, M., & Nissinen, A. I. (2018). Genetic Variation of '*Candidatus* Liberibacter solanacearum' Haplotype C and Identification of a Novel Haplotype from *Trioza urticae* and Stinging Nettle. *Phytopathology*, *108*(8), 925–934. https://doi.org/10.1094/PHYTO-12-17-0410-R

Hall, D. G., Richardson, M. L., Ammar, E.-D. & Halbert, S. E. (2013). Asian citrus psyllid, *Diaphorina citri*, vector of citrus huanglongbing disease. *Entomologia Experimentalis et Applicata*, *146*(2), 207–223. https://doi.org/10.1111/eea.12025

Ham, J. H., Melanson, R. A., & Rush, M. C. (2011). *Burkholderia glumae*: next major pathogen of rice? *Molecular Plant Pathology*, *12*(4), 329–339. https://doi.org/10.1111/j.1364-3703.2010.00676.x

Harrison, N. A., Davis, R. E., Oropeza, C., Helmick, E. E., Narváez, M., Eden-Green, S., Dollet, M. & Dickinson, M. (2014). '*Candidatus* Phytoplasma palmicola', associated with a lethal yellowing-type disease of coconut (*Cocos nucifera* L.) in Mozambique. *International Journal of Systematic and Evolutionary Microbiology*, *64*(6), 1890–1899. https://doi.org/10.1099/ijs.0.060053-0

Harrison, N. A., Gundersen-Rindal, D., Davis, R. E., May, M., & Brown, D. R. (2015). *Candidatus* Phytoplasma. Bergey's Manual of Systematics of Archaea and Bacteria, 1–38. https://doi.org/10.1002/9781118960608.gbm01259.pub3

Hartman, T., Tharnish, B., Harbour, J., Yuen, G. Y., & Jackson-Ziems, T. A. (2020). Alternative Hosts in the Families Poaceae and Cyperaceae for *Xanthomonas vasicola* pv. *vasculorum*, Causal Agent of Bacterial Leaf Streak of Corn . *Phytopathology*, *110*(6), 1147–1152. https://doi.org/10.1094/PHYTO-04-19-0132-R

Hegewald, H., Wensch-Dorendorf, M., Sieling, K. & Christen, O. (2018). Impacts of break crops and crop rotations on oilseed rape productivity: A review. *European Journal of Agronomy*, *101*, 63–77. https://doi.org/https://doi.org/10.1016/j.eja.2018.08.003

Hernández Mansilla, A. A., Lina Muiño, B., Rosón Álvarez, C. & Cazola González, C. (2011). Phytopathogen fungi and oomycetes in nursery pineapple *Ananas comosus* (L.) Merril in Ciego de Ávila, Cuba. *Fitosanidad*, *15*(3), 137–142. https://www.cabdirect.org/cabdirect/abstract/20123332261

Hernández-Morales, A., Pérez-Casillas, J. M., Soria-Guerra, R. E., Velázquez-Fernández, J. B. & Arvizu-Gómez, J. L. (2017). First report of *Pantoea stewartii* subsp. *stewartii* causing jackfruit bronzing disease in Mexico. *Journal of Plant Pathology*, *99*(3). https://www.cabdirect.org/cabdirect/abstract/20193250847

Hernández-Rodríguez, L., Bertalmío, A., Arruabarrena, A., Rubio, L., Rivas, F., Benítez-Galeano, M. J., Colina, R. & Maeso, D. (2017). First Report of the Citrus tristeza virus Trifoliate Resistance - Breaking (RB) Genotype in 'Newhall' Sweet Orange in South America. *Plant Disease*, *101*(6), 1063. https://doi.org/10.1094/PDIS-04-16-0430-PDN

Hodgetts, J., Flint, L. J. & Fox, A. (2015). First report of '*Candidatus* phytoplasma ulmi' ( 16SrV - A ) associated with Ulmus cultivar Morfeo (elm) in the United Kingdom. *New Disease Reports*, *32*, 26. https://doi.org/10.5197/j.2044-0588.2015.032.026

Hogenhout, S. A., Oshima, K., Ammar, E., Kakizawa, S., Kingdom, H. N. & Namba, S. (2008). Phytoplasmas: bacteria that manipulate plants and insects. *Molecular Plant Pathology*, *9*(4), 403–423. https://doi.org/10.1111/j.1364-3703.2008.00472.x

Hopkins, D. W., Swanson, M. M. & Taliansky, M. E. (2014). What Do We Know About Viruses in Terrestrial Antarctica ? In D. A. Cowan (Ed.), *Antarctic Terrestrial Microbiology* (pp. 79–90). *Springer*. https://doi.org/10.1007/978-3-642-45213-05

Huarhua, M., Acuña, R., Aragón, L., Soto, J., Landeo, S., De la Parte, E. & Apaza, W. (2020). First Report of Blueberry Leaf Rust Caused by *Thekopsora minima* on *Vaccinium corymbosum* in Peru . *Plant Disease*, *104*(11), 3077. https://doi.org/10.1094/PDIS-03-20-0585-PDN

Hunter, G. C., Crous, P. W., Carnegie, A. J., Burgess, T. I. & Wingfield, M. J. (2011). *Mycosphaerella* and *Teratosphaeria* diseases of Eucalyptus easily confused and with serious consequences. *Fungal Diversity, 50*(1), 145–166. https://doi.org/10.1007/s13225-011-0131-z

Inoue-Nagata, A. K., Lima, M. F. & Gilbertson, R. L. (2016). A review of geminivirus diseases in vegetables and other crops in Brazil: current status and approaches for management. *Horticultura Brasileira*, *34*(1), 8–18.

Institute of Medicine. (1992). Emerging Infections : Microbial Threats to Health in the United States. National Academy Press. https://doi.org/10.17226/2008

Islam, M. T., Croll, D., Gladieux, P., Soanes, D. M., Persoons, A., Bhattacharjee, P., Hossain, M. S., Gupta, D. R., Rahman, M. M. & Mahboob, M. G. (2016). Emergence of wheat blast in Bangladesh was caused by a South American lineage of *Magnaporthe oryzae*. *BMC Biology, 14*(1), 1–11. https://doi.org/10.1186/s12915-016-0309-7

Jaimes, K. D. y Ortiz, F. A. (2020). Fitoplasmas yEspiroplasmas de Importancia Agrícola Para Colombia [ Tesis de pregrado, Universidad de Santander]. Repositorio digital. https://repositorio.udes.edu.co/handle/001/4935

Jaramillo, A., Huertas, C. A. & Gómez, E. D. (2017). First Report of Bacterial Stem Rot of Tomatoes Caused by *Pectobacterium carotovorum* subsp. *brasiliense* in Colombia. *Plant Disease*, *101*(5), 830. https://doi.org/10.1094/PDIS-08-16-1184-PDN

Johnson, A. (2017). *Pudrición del Cogollo* and the (post-)neoliberal ecological fix in Ecuador's palm oil industry. *Geoforum*, *80*, 13–23. https://doi.org/https://doi.org/10.1016/j.geoforum.2016.12.016

Johnson, D. A., Geary, B. & Tsror, L. (Lahkim). (2018). Potato Black Dot The Elusive Pathogen, Disease Development and Management. American Journal of Potato Research, 95(4), 340–350. https://doi.org/10.1007/s12230-018-9633-5

Jones, J. D. G., & Dangl, J. L. (2006). The plant immune system. *Nature, 444*(7117), 323–329. https://doi.org/10.1038/nature05286

Jones, R. A. C. (2009). Plant virus emergence and evolution: Origins, new encounter scenarios, factors, driving emergence, effects of changing world conditions, and prospect for control. *Virus Research*, *141*, 113-130. https://doi.org/10.1016/j.virusres.2008.07.028

Jović, J., Krstić, O., Toševski, I. & Gassmann, A. (2011). The occurrence of '*Candidatus* phytoplasma rhamni' in *Rhamnus cathartica* L. without symptoms. Bulletin of Insectology, *64*, 227-228.

Jović, J., Cvrković, T., Mitrović, M., Krnjajić, S., Redinbaugh, M. G., Pratt, R. C., Gingery, R. E., Hogenhout, S. A. & Toševski, I. (2007). Roles of stolbur phytoplasma and *Reptalus panzeri* ( Cixiinae , Auchenorrhyncha ) in the epidemiology of Maize redness in Serbia . *European Journal of Plant Pathology*, *118*(1), 85–89. https://doi.org/10.1007/s10658-007-9105-0

Judelson, H. S. (2014). *Phytophthora infestans*. In R. Dean, A. Lichens-Park & C. Cole. (Eds.), *Genomics of Plant-Associated Fungi and Oomycetes: Dicot Pathogens* (pp. 175–208). Springer. https://doi.org/10.1007/978-3-662-44056-8_9

Jung, H.-Y. (2003). "*Candidatus* Phytoplasma oryzae", a novel phytoplasma taxon associated with rice yellow dwarf disease. *International Journal Of Systematic And Evolutionary Microbiology*, *53*(6), 1925–1929. https://doi.org/10.1099/ijs.0.02531-0

Jung, H.-Y., Sawayanagi, T., Kakizawa, S., Nishigawa, H., Miyata, S., Oshima, K., Ugaki, M., Lee, J.-T., Hibi, T. & Namba, S. (2002). "*Candidatus* Phytoplasma castaneae", a novel phytoplasma taxon associated with chestnut witches' broom disease. *International Journal of Systematic and Evolutionary Microbiology*, *52*(5), 1543–1549. https://doi.org/10.1099/00207713-52-5-1543

Karasev, A. V. & Gray, S. M. (2013). Continuous and emerging challenges of Potato virus Y in potato. *Annual review of phytopathology*, *51*, 571–586. https://doi.org/10.1146/annurev-phyto-082712-102332

Kaur, S., Dhillon, G. S., Brar, S. K., Vallad, G. E., Chand, R., & Chauhan, V. B. (2012). Emerging phytopathogen *Macrophomina phaseolina*: biology, economic importance and current diagnostic trends. *Critical Reviews in*

*Microbiology*, *38*(2), 136–151. https://doi.org/10.3109/1040841X.2011.640977

Kaya, K., Serce, Ç. U., Gazel, M., Caglayan, K. & Sauvion, N. (2016). Potential psyllid vectors of' *Candidatus* Phytoplasma mali and *Candidatus* Phytoplasma pyri in Turkey. *Pakistan Journal of Agricultural Sciences*, 53(2), 383-392. https://doi.org/10.21162/PAKJAS/16.3804

Khayi, S., Cigna, J., Chong, T. M., Quêtu-Laurent, A., Chan, K.-G., Hélias, V. & Faure, D. (2016). Transfer of the potato plant isolates of *Pectobacterium wasabiae* to *Pectobacterium parmentieri* sp. nov. *International Journal of Systematic and Evolutionary Microbiology,* *66*(12), 5379–5383. https://doi.org/10.1099/ijsem.0.001524

Kim, H.-S., Ma, B., Perna, N. T. & Charkowski, A. O. (2020). Phylogeny and Virulence of Naturally Occurring Type III Secretion System - Deficient *Pectobacterium* Strains. *Applied and Environmental Microbiology*, *75*(13), 4539–4549. https://doi.org/10.1128/AEM.01336-08

Koinuma, H., Miyazaki, A., Wakaki, R., Fujimoto, Y., Iwabuchi, N., Nijo, T., Kitazawa, Y., Shigaki, T., Maejima, K., Yamaji, Y. & Namba, S. (2018). First report of '*Candidatus* Phytoplasma pruni' infecting cassava in Japan . *Journal of General Plant Pathology*, *84*(4), 300–304.

Kryczyński, S., Paduch-Cichal, E. & Skrzeczkowski, L. J. (1988). Transmission of Three Viroids Through Seed and Pollen of Tomato Plants . *Journal of Phytopathology*, *121*(1), 51–57. https://doi.org/10.1111/j.1439-0434.1988.tb00952.x

Kumar, S., Jadon, V., Tiwari, A. K. & Rao, G. P. (2015). *Exitianus indicus* (Distant): a putative vector for '*Candidatus* Phytoplasma cynodontis' in India. *Phytopathogenic Mollicutes*, 5(1), 51. https://doi.org/10.5958/2249-4677.2015.00021.3

Kumar, S., Stecher, G. & Tamura, K. (2016). MEGA7 : Molecular Evolutionary Genetics Analysis Version 7.0 for Bigger Datasets . *Molecular Biology and Evolution*, *33*(7), 1870–1874. https://doi.org/10.1093/molbev/msw054

Le Riverend, L. B., González, G. y Peña-Barzaga, I. (2012). Manejo de enfermedades emergentes de las plantas. *Casos de estudio en la citricultura cubana*. *29*(2), 3–7.

Latorre, B. A., Elfar, K., Espinoza, J. G., Torres, R. & Díaz, G. A. (2012). First report of *Diaporthe australafricana* associated with stem canker on blueberry in Chile . *Plant Disease*, *96*(5), 768.

Lawrance, S., Varghese, S., Varghese, E. M., Asok, A. K. & M. S., J. (2019). Quinoline derivatives producing *Pseudomonas aeruginosa* H6 as an efficient bioherbicide for weed management. *Biocatalysis and Agricultural Biotechnology*, *18*, 101096. https://doi.org/https://doi.org/10.1016/j.bcab.2019.101096

Lazarotto, M., Muniz, M. F. B., Poletto, T., Dutra, C. B., Blume, E., Harakawa, R. & Poletto, I. (2012). First report of *Pestalotiopsis clavispora* causing leaf spot of *Carya illinoensis* in Brazil . *Plant Disease*, *96*(12), 1826.

Lee, I.-M., Bottner-Parker, K. D., Zhao, Y., Villalobos, W. & Moreira, L. (2011). '*Candidatus* Phytoplasma costaricanum' a novel phytoplasma associated with an emerging disease in soybean ( *Glycine max*). *International Journal of Systematic and Evolutionary Microbiology*, *61*(12), 2822–2826. https://doi.org/10.1099/ijs.0.029041-0

Lee, I.-M., Gundersen-Rindal, D. E., Davis, R. E., Bottner, K. D., Marcone, C. & Seemüller, E. (2004). '*Candidatus* Phytoplasma asteris', a novel phytoplasma taxon associated with aster yellows and related diseases. *International Journal of Systematic and Evolutionary Microbiology*, *54*(4), 1037–1048. https://doi.org/10.1099/ijs.0.02843-0

Lee, I. M., Davis, R. E. & Gundersen-Rindal, D. E. (2000). Phytoplasma: phytopathogenic mollicutes. Annual review of microbiology, 54, 221–255. https://doi.org/10.1146/annurev.micro.54.1.221

Lee, I.-M., Bottner, K. D., Secor, G. & Rivera-Varas, V. (2006). '*Candidatus* Phytoplasma americanum', a phytoplasma associated with a potato purple top wilt disease complex. *International Journal of Systematic and Evolutionary Microbiology*, *56*(7), 1593–1597. https://doi.org/10.1099/ijs.0.64251-0

Leite, R., Custódio, A. A. P., Madalosso, T., Robaina, R. R., Duin, I., & Sugahara, V. (2018). First report of the occurrence of bacterial leaf streak of corn caused by *Xanthomonas vasicola* pv. *vasculorum* in Brazil. *Plant Disease*, 1–4. https://doi.org/10.1093/molbev/msw054

Leonard, M. T., Fagen, J. R., Davis-Richardson, A. G., Davis, M. J. & Triplett, E. W. (2012). Complete genome sequence of *Liberibacter crescens* BT -1. Standards in Genomic Sciences, *7*(2), 271–283. https://doi.org/10.4056/sigs.3326772

Leyva, R. M., Quiñones, M. L., Piñol, B., Piloto, E., El-Acosta, K. (2019). Detection of mixed infection of '*Candidatus* phytoplasma sp.' and begomoviruses sp affecting soybean crop in the eastern region of Cuba. *Revista de*

*Protección Vegetal*, *34*(2). https://www.cabdirect.org/cabdirect/abstract/20203464186

Li, W., Hartung, J. S. & Levy, L. (2006). Quantitative real-time PCR for detection and identification of *Candidatus* Liberibacter species associated with citrus huanglongbing. *Journal of Microbiological Methods*, *66*(1), 104–115. https://doi.org/10.1016/j.mimet.2005.10.018

Li, Y. P., You, M. P. & Barbetti, M. J. (2014). Species of *Pythium* associated with seedling root and hypocotyl disease on common bean ( *Phaseolus vulgaris*) in Western Australia . *Plant Disease*, *98*(9), 1241–1247.

Li, Z.N., Bai, Y.B., Liu, P., Zhang, L. & Wu, Y.-F. (2014). Occurrence of '*Candidatus* Phytoplasma ziziphi' in apple trees in China. *Forest Pathology*, *44*(5), 417–419. https://doi.org/10.1111/efp.12126

Liefting, L. W., Padovan, A. C., Gibb, K. S., Beever, R. E., Andersen, M. T., Newcomb, R. D., Beck, D. L. & Forster, R. L. S. (1998). 'Candidatus Phytoplasma australiense' is the phytoplasma associated with Australian grapevine yellows, papaya dieback and Phormium yellow leaf diseases . *European Journal of Plant Pathology*, *104*(6), 619–623. https://doi.org/10.1023/A:1008693904427

Lima, N. B., Kryvenki, M. A., Conforto, C., Serri, D., Kramer, R., Roca, M. & Vargas-Gil, S. (2020). First Report of White Thread Blight Caused by *Ceratobasidium niltonsouzanum* on Yerba Mate in Argentina . *Plant Disease*, *104*(2), 572.

Ling, K.S., Li, R., Groth-Helms, D., & Assis-Filho, F. M. (2014). First Report of Potato spindle tuber viroid Naturally Infecting Field Tomatoes in the Dominican Republic . *Plant Disease*, *98*(5), 701. https://doi.org/10.1094/PDIS-09-13-0992-PDN

Ling, K.S., Lin, H., Lewis, M. L., Zhang, W. & Miller, S. A. (2011). First report of '*Candidatus* Liberibacter solanacearum' naturally infecting tomatoes in the state of Mexico, Mexico. *Plant Disease, 95*(8), 1026. https://doi.org/10.1094/PDIS-05-11-0365

Lippert, D. B., Lazarotto, M., Muniz, M. F. B. & Dos Santos, Á. F. (2013). First report of *Prospodium bicolor* in *Handroanthus heptaphyllus* in the state of Rio Grande do Sul. *Summa Phytopathologica*, *39*(3). https://doi.org/10.1590/S0100-54052013000300014

Liu, F., Wang, M., Damm, U., Crous, P. W. & Cai, L. (2016). Species boundaries in plant pathogenic fungi: a *Colletotrichum* case study. *BMC Evolutionary Biology*, *16*(1), 81. https://doi.org/10.1186/s12862-016-0649-5

Lopes, S. A., Raiol-Júnior, L. L., Torres, S. C. Z., Martins, E. C., Prado, S. S. & Beriam, L. O. S. (2020). Differential Responses of Tobacco to the Citrus Variegated Chlorosis and Coffee Stem Atrophy Strains of *Xylella fastidiosa*. *Phytopathology*, *110*(3), 567–573. https://doi.org/10.1094/PHYTO-10-19-0374-R

López-Guisa, D., Yáñez-Morales, M. J. & Alanis-Martínez, I. (2013). First report of *Peronospora sparsa* on *Rosa* spp. in Mexico. *Journal of Plant Pathology*, 95(4). https://doi.org/10.4454/JPP.V95I4.014

Luigi, M., Manglli, A., Tomassoli, L. & Faggioli, F. (2013). First report of Hop stunt viroid in *Hibiscus rosa-sinensis* in Italy . *New Disease Reports*, *27*, 14. https://doi.org/10.5197/j.2044-0588.2013.027.014

Ma, B., Hibbing, M. E., Kim, H.-S., Reedy, R. M., Yedidia, I., Breuer, J., Breuer, J., Glasner, J. D., Perna, N. T., Kelman, A. & Charkowski, A. O. (2007). Host Range and Molecular Phylogenies of the Soft Rot Enterobacterial Genera *Pectobacterium* and *Dickeya* . *Phytopathology*, *97*(9), 1150–1163. https://doi.org/10.1094/PHYTO-97-9-1150

Maciel, J. L. N., Ceresini, P. C., Castroagudin, V. L., Zala, M., Kema, G. H. J. & McDonald, B. A. (2014). Population structure and pathotype diversity of the wheat blast pathogen *Magnaporthe oryzae* 25 years after its emergence in Brazil. *Phytopathology*, *104*(1), 95–107. https://doi.org/10.1094/PHYTO-11-12-0294-R

Madariaga, M. & Ramírez, I. (2019). Identification of a phytoplasma associated with witches' broom symptoms in calafate ( *Berberis microphylla* G . Forst .). *Chilean Journal of Agricultural Research*, *79*(3), 493–498. https://doi.org/10.4067/S0718-58392019000300493

Maddahian, M., Massumi, H., Heydarnejad, J., Hosseinipour, A., Khezri, A. & Sano, T. (2019). Biological and molecular characterization of hop stunt viroid variants from pistachio trees in Iran . *Journal of Phytopathology*, *167*(3), 163–173. https://doi.org/10.1111/jph.12783

Mafia, R. G., Barreto, R. W., Vanetti, C. A., Hodgetts, J., Dickinson, M. & Alfenas, A. C. (2008). A phytoplasma associated with witches' broom disease of *Tabebuia pentaphylla* in Brazil . *Plant Pathology*, *57*(2), 365. https://doi.org/10.1111/j.1365-3059.2007.01745.x

Maixner, M. (1994). Transmission of German grapevine yellows (Vergilbungskrankheit) by the planthopper *Hyalesthes obsoletus* (Auchenorrhyncha: Cixiidae). *Vitis*, *33*, 103–104.

Malaguti G. (1953). "Pudrición del cogollo" de la palmera Africana (*Elaeis guineensis* Jacq.) en Venezuela. *Agronomía Trópical*, 3, 13-31.

Mallik, I. & Gudmestad, N. C. (2015). First report of Potato mop top virus causing potato tuber necrosis in Colorado and New Mexico. *Plant Disease*, *99*(1), 164. https://doi.org/10.1094/PDIS-08-14-0819-PDN

Manzano, A. M., Serra, W., García, L., Crespo, K. & Guarnaccia, V. (2018). First report of leaf anthracnose caused by *Colletotrichum grossum* on mango (*Mangifera indica*) in Cuba . *Journal of Plant Pathology*, *100*(2), 329. https://doi.org/10.1007/s42161-018-0040-z

Marcone, C., Gibb, K. S., Streten, C. & Schneider, B. (2004). '*Candidatus* Phytoplasma spartii', '*Candidatus* Phytoplasma rhamni' and '*Candidatus* Phytoplasma allocasuarinae', respectively associated with spartium witches'-broom, buckthorn witches'-broom and allocasuarina yellows diseases. *International Journal of Systematic and Evolutionary Microbiology*, *54*(4), 1025–1029. https://doi.org/10.1099/ijs.0.02838-0

Marcone, C., Schneider, B. & Seemüller, E. (2004). '*Candidatus* Phytoplasma cynodontis', the phytoplasma associated with Bermuda grass white leaf disease. *International Journal of Systematic and Evolutionary Microbiology*, *54*(4), 1077–1082. https://doi.org/10.1099/ijs.0.02837-0

Marin-Felix, Y., Hernández-Restrepo, M., Iturrieta-González, I., García, D., Gené, J., Groenewald, J. Z., Cai, L., Chen, Q., Quaedvlieg, W., Schumacher, R. K., Taylor, P. W. J., Ambers, C., Bonthond, G., Edwards, J., Krueger-Hadfield, S. A., Luangsa-ard, J. J., Morton, L., Moslemi, A., Sandoval-Denis, M. & Crous, P. W. (2019). Genera of phytopathogenic fungi: GOPHY 3. *Studies in Mycology*, *94*, 1–124. https://doi.org/10.1016/j.simyco.2019.05.001

Marques, M. W., Lima, N. B., Michereff, S. J., Câmara, M. P. S. & Souza, C. R. B. (2012). First report of mango dieback caused by *Pseudofusicoccum stromaticum* in Brazil. *Plant Disease*, *96*(1), 144. https://doi.org/10.1094/PDIS-05-11-0425

Marsberg, A., Kemler, M., Jami, F., Nagel, J. H., Postma-Smidt, A., Naidoo, S., Wingfield, M. J., Crous, P. W., Spatafora, J. W. & Hesse, C. N. (2017). *Botryosphaeria dothidea:* a latent pathogen of global importance to woody plant health. *Molecular Plant Pathology*, *18*(4), 477–488. https://doi.org/10.1111/mpp.12495

Martínez-Zubiaur, Y., Chang-Sidorchuk, L. & González-Álvarez, H. (2017). Begomoviruses in Cuba: Brief History and Current Status. In Begomoviruses: Occurrence and Management in Asia and Africa (pp. 315–333). *Springer*. https://doi.org/10.1007/978-981-10-5984-1_19

Martínez-Marrero, N., Avalos-Calleros, J. A., Chiquito-Almanza, E., Acosta-Gallegos, J. A., Ambriz-Granados, S., Anaya-López, J. L. & Argüello-Astorga, G. R.

(2020). A new begomovirus isolated from a potyvirus-infected bean plant causes asymptomatic infections in bean and *N . benthamiana*. Archives of Virology, *165*(7), 1659–1665. https://doi.org/10.1007/s00705-020-04646-y

Martini, M., Quaglino, F. & Bertaccini, A. (2019). Multilocus genetic characterization of phytoplasmas. En A, Bertaccini, K, Oshima, M. Kube & G. P, Rao. *Phytoplasmas: Plant Pathogenic Bacteria - III* (pp. 161–200). Springer. https://doi.org/10.1007/978-981-13-9632-8_9

Maryani, N., Lombard, L., Poerba, Y. S., Subandiyah, S., Crous, P. W. & Kema, G. H. J. (2019). Phylogeny and genetic diversity of the banana *Fusarium* wilt pathogen *Fusarium oxysporum* f. sp. *cubense* in the Indonesian centre of origin. *Studies in Mycology*, *92*, 155–194. https://doi.org/10.1016/j.simyco.2018.06.003

Marys, E., Mejías, A., Rodríguez-Román, E., Avilán, D., Hurtado, T., Fernández, A., Zambrano, K., Garrido, M. & Brito, M. (2014). The first report of Tomato spotted wilt virus on gerbera and chrysanthemun in Venezuela. *Plant Disease*, *98*(8), 1161. https://doi.org/10.1094/PDIS-01-14-0007-PDN

Mauck, K. E., Sun, P., Meduri, V. R. & Hansen, A. K. (2019). New *Ca*. Liberibacter psyllaurous haplotype resurrected from a 49-year-old specimen of *Solanum umbelliferum:* a native host of the psyllid vector. *Scientific Reports*, *9*(1), 9530. https://doi.org/10.1038/s41598-019-45975-6

Mauricio-Castillo, J. A., Salas-Muñoz, S., Velásquez-Valle, R., Ambríz-Granados, S. & Reveles-Torres, L. R. (2015). '*Candidatus* Phytoplasma trifolii'( 16SrVI ) en chile mirasol (*Capsicum annuun* L.) cultivado en Zacatecas, México . *Revista Fitotecnia Mexicana*, *38*(4), 389–396. http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0187-73802015000400007

Mazzaglia, A., Rahi, Y. J., Taratufolo, M. C., Tatì, M., Turco, S., Ciarroni, S., Tagliavento, V., Valentini, F., D'Onghia, A. M. & Balestra, G. M. (2020). A new inclusive MLVA assay to investigate genetic variability of *Xylella fastidiosa* with a specific focus on the Apulian outbreak in Italy . *Scientific Reports*, *10*(1), 10856. https://doi.org/10.1038/s41598-020-68072-5

McCann, H. C. (2020). Skirmish or war: the emergence of agricultural plant pathogens. *Current Opinion in Plant Biology, 56*, 147–152. https://doi.org/https://doi.org/10.1016/j.pbi.2020.06.003

Mcclure, M. S. (1980). Spatial and Seasonal Distributions of Leafhopper Vectors of Peach X - Disease in Connecticut . *Environmental Entomology*, *9*(5), 668–672. https://doi.org/10.1093/ee/9.5.668

McDonald, B. A. & Stukenbrock, E. H. (2016). Rapid emergence of pathogens in agro-ecosystems: global threats to agricultural sustainability and food security. *Philosophical Transactions of the Royal Society B: Biological Sciences, 371*(1709), 20160026. https://doi.org/10.1093/ee/9.5.668

McLeish, M. J., Fraile, A. & García-Arenal, F. (2019). Evolution of plant-virus interactions: Host range and virus emergence. *Current opinion in virology*, *34*, 50—55. https://doi.org/10.1093/ee/9.5.668

Mederos, D. C., Giolitti, F. J. & Portal, O. (2015). First report of Papaya ringspot virus w infecting Momordica charantia in Cuba . *Journal of Plant Pathology*, *97*(1). http://dx.doi.org/10.4454/JPP.V97I1.041

Medina, P., Sir, E. B. & Hladki, A. I. (2017). First record of the genus *Hypoxylon* ( Ascomycota, Hypoxylaceae ) on *Ocotea porphyria* (Lauraceae). *Lilloa*, *54*(2), 202–209. http://www.lillo.org.ar/revis/lilloa/2017/v54n2/lilloa-v54n2a10.pdf

Mee-Ngan, Y., Barak, J. & Charkowski, A. (2004). Genomic Diversity of *Erwinia carotovora* subsp. *carotovora* and Its Correlation with Virulence . *Applied and Environmental Microbiology*, *70*, 3013–3023. https://doi.org/10.1128/AEM.70.5.3013-3023.2004

Mejía, J. F., Contaldo, N., Paltrinieri, S., Pardo, J. M., Ríos, C. A., Alvarez, E., Bertaccini, A., & others. (2011). Molecular detection and identification of group 16SrV and 16SrXII phytoplasmas associated with potatoes in Colombia . Bulletin of Insectology, *64*. http://www.bulletinofinsectology.org/pdfarticles/vol64-2011-S097-S098mejia.pdf

Melgarejo, T. A., Rojas, M. R. & Gilbertson, R. L. (2019). A Bipartite Begomovirus Infecting *Boerhavia erecta* ( Family Nyctaginaceae ) in the Dominican Republic Represents a Distinct Phylogenetic Lineage and has a High Degree of Host Specificity . *Phytopathology*, *109*(8), 1464–1474. https://doi.org/10.1094/PHYTO-02-19-0061-R

Melgoza, C. M., León, C. D. R., López, J. Á., Hernández, L. A., Velarde, S., & Garzón, J. A. (2018). Presencia de Candidatus Liberibacter solanacearum en *Bactericera cockerelli* Sulc asociada con enfermedades en tomate, chile y papa. *Revista Mexicana de Ciencias Agrícolas*, *9*(3), 499–509. https://doi.org/10.29312/remexca.v9i3.267

Meng, X., Chai, A., Shi, Y., Xie, X., Ma, Z. & Li, B. (2016). Emergence of Bacterial Soft Rot in Cucumber Caused by *Pectobacterium carotovorum* subsp. *brasiliense* in China . *Plant Disease*, *101*(2), 279–287. https://doi.org/10.1094/PDIS-05-16-0763-RE

Milgroom, M. G. (2017). *Population Biology of Plant Pathogens : Genetics , Ecology, and Evolution*. The American Phytopathological Society. https://doi.org/10.1094/9780890544525

Mohali, S. R. & Aime, M. C. (2016). First report of *Puccinia psidii* (myrtle rust) on *Syzygium jambos* in Venezuela . *New Disease Reports*, *34*, 18. https://doi.org/10.5197/j.2044-0588.2016.034.018

Molina-Gayosso, E., Silva-Rojas, H. V, García-Morales, S. & Avila-Quezada, G. (2012). First report of black spots on avocado fruit caused by *Neofusicoccum parvum* in Mexico. *Plant Disease*, *96*(2), 287. https://doi.org/10.1094/PDIS-08-11-0699

Monk, B. C., Sagatova, A. A., Hosseini, P., Ruma, Y. N., Wilson, R. K. & Keniya, M. V. (2020). Fungal Lanosterol 14α-demethylase: A target for next-generation antifungal design. *Biochimica et Biophysica Acta (BBA) - Proteins and Proteomics*, *1868*(3), 140206. https://doi.org/https://doi.org/10.1016/j.bbapap.2019.02.008

Montano, H. G., Davis, R. E., Dally, E. L., Hogenhout, S., Pimentel, J. P. & Brioso, P. S. (2001). " *Candidatus* Phytoplasma brasiliense", a new phytoplasma taxon associated with hibiscus witches' broom disease. *International Journal of Systematic and Evolutionary Microbiology*, *51*(3), 1109–1118. https://doi.org/10.1099/00207713-51-3-1109

Monter, A. V. & Maya, R. C. (2020). First report VT isolate of citrus tristeza virus in Veracruz, Mexico . *Horticulture International Journal, 4*(3), 75–76. https://doi.org/10.15406/hij.2020.04.00161

Moraes, A. J. G., Baia, A. D. B., Souza, E. B., Peixoto, A. R., Barroso, K. A., Almeida, C. O., Balbino, V. Q., Silva, W. J. & Gama, M. A. S. (2020). First Report of *Pectobacterium aroidearum* Causing Soft Rot of Pepper (*Capsicum annuum* ) Fruits in Brazil . *Plant Disease*, *104*(11), 3054. https://doi.org/10.1094/PDIS-02-20-0403-PDN

Morales, F. J. (2011). Interaction Between *Bemisia tabaci*, Begomoviruses, and Plant Species in Latin America and the Caribbean. En W. O. Thompson (Ed.). *The Whitefly, Bemisia tabaci (Homoptera: Aleyrodidae) Interaction with Geminivirus-Infected Host Plants (pp. 15–49)*. *Springer*. https://doi.org/10.1007/978-94-007-1524-0_2

Moreira, R. R., Vandresen, D. P., Glienke, C. & May-De-Mio, L. L. (2019). First Report of *Colletotrichum nymphaeae* Causing Blossom Blight , Peduncle Rot, and Fruit Rot on *Pyrus pyrifolia* in Brazil . *Plant Disease*, *103*(8), 2133. https://doi.org/10.1094/PDIS-12-18-2263-PDN

Moreno-Moran, M. & Burbano-Figueroa, O. (2016). First Report of *Colletotrichum gossypii* var. *cephalosporioides* Causing Cotton Ramulosis in Colombia . *Plant Disease*, *100*(3), 653. https://doi.org/10.1094/PDIS-08-15-0933-PDN

Morin, S., Ghanim, M., Zeidan, M., Czosnek, H., Verbeek, M. & van den Heuvel, J. F. J. M. (1999). A GroEL Homologue from Endosymbiotic Bacteria of the Whitefly *Bemisia tabaci* Is Implicated in the Circulative Transmission of Tomato Yellow Leaf Curl Virus . *Virology*, *256*(1), 75–84. https://doi.org/10.1006/viro.1999.9631

Morris, J., Shiller, J., Mann, R., Smith, G., Yen, A. & Rodoni, B. (2017). Novel '*Candidatus* Liberibacter 'Liberibacter' species identified in the Australianthe eggplant psyllid, *Acizzia solanicola.* . *Microbial Biotechnology*, *10*(4), 833–844. https://doi.org/10.1111/1751-7915.12707

Mosquera, M., Evans, E., Grogan, K. & Fontanilla, C. (2014). Un modelo de simulación discreto para determinar la edad óptima de replantación en presencia de la pudrición del cogollo ( PC ). Palmas, *35*, 1, 10–32. https://publicaciones.fedepalma.org/index.php/palmas/article/view/10943/10927

Murcia, N., Bernad, L., Caicedo, A. & Duran-Vila, N. (2010). Citrus Viroids in Colombia. 158-166. *International Organization of Citrus Virologists Conference Proceedings (1957-2010)*, 17(17). https://doi.org/10.5070/C5008577nk

Nabhan, S., De Boer, S. H., Maiss, E. & Wydra, K. (2013). *Pectobacterium aroidearum* sp. nov., a soft rot pathogen with preference for monocotyledonous plants. *International Journal of Systematic and Evolutionary Microbiology*, *63*(7), 2520–2525. https://doi.org/10.1099/ijs.0.046011-0

Nachappa, P., Levy, J., Pierson, E. & Tamborindeguy, C. (2014). Correlation between "*Candidatus* Liberibacter solanacearum" infection levels and fecundity in its psyllid vector. *Journal of Invertebrate Pathology*, *115*, 55–61. https://doi.org/10.1016/j.jip.2013.10.008

Naderali, N., Nejat, N., Vadamalai, G., Davis, R. E., Wei, W., Harrison, N. A., Kong, L., Kadir, J., Tan, Y.-H., & Zhao, Y. (2017). ' *Candidatus* Phytoplasma wodyetiae', a new taxon associated with yellow decline disease of foxtail palm ( *Wodyetia bifurcata*) in Malaysia . *International Journal of Systematic and Evolutionary Microbiology*, *67*(10), 3765–3772.

Namba, S. (2019). Molecular and biological properties of phytoplasmas. *Proceedings of the Japan Academy, 95*(7), 401–418. https://doi.org/10.2183/pjab.95.028

Navas-Castillo, J., Fiallo-Olivé, E. & Sánchez-Campos, S. (2011). Emerging virus diseases transmitted by whiteflies. *Annual Review of Phytopathology*, *49*, 219–248. https://doi.org/10.1146/annurev-phyto-072910-095235

Nayak, N., Rath, S., Mishra, M. P., Ghosh, G. & Padhy, R. N. (2013). Antibacterial activity of the terrestrial fern *Lygodium flexuosum* (L.) Sw. against multidrug resistant enteric- and uro-pathogenic bacteria. *Journal of Acute Disease*, *2*(4), 270–276. https://doi.org/10.1146/annurev-phyto-072910-095235

Nelson, W. R., Munyaneza, J. E., McCue, K. F. & Bové, J. M. (2013). The Pangaean Origin Of " *Candidatus* Liberibacter " Species . *Journal of Plant Pathology*, *95*(3). https://doi.org/10.4454/JPP.V95I3.001

Nelson, W. R., Fisher, T. W. & Munyaneza, J. E. (2011). Haplotypes of " *Candidatus* Liberibacter solanacearum" suggest long-standing separation. *European Journal of Plant Pathology*, *130*(1), 5–12. https://doi.org/10.1007/s10658-010-9737-3

Nejat, N., Vadamalai, G., Davis, R. E., Harrison, N.A., Sijam, K., Dickinson, M., Abdullah, S. & Zhao, Y. (2013). '*Candidatus* Phytoplasma malaysianum', a novel taxon associated with virescence and phyllody of Madagascar periwinkle (*Catharanthus roseus*). *International Journal of Systematic Evolutionary Microbiology*. *63*(2), 540-548.

Nelson, W. R., Munyaneza, J. E., McCue, K. F. & Bové, J. (2013). The Pangaean Origin Of "*Candidatus* Liberibacter" Species. *Journal of Plant Pathology*, *95*(3), 455-461. https://doi.org/10.4454/JPP.V95I3.001

Nelson, W.R., Fisher, T.W. & Munyaneza, J. E. (2011). Haplotypes of "*Candidatus* Liberibacter solanacearum" suggest long-standing separation. *Journal of Plant Pathology*, *130*, 5–12. https://doi.org/10.1007/s10658-010-9737-3

Nome, C., Giagetto, A., Rossini, M., Di Feo, L. & Nieto, A. (2012). First report of Apple scar skin viroid ( ASSVd ) in apple trees in Argentina . *New Disease Reports*, *25*, 3. https://doi.org/10.5197/j.2044-0588.2012.025.003

Nunes, M. A., Novelli, V. M., Da Cunha, B. A., Soares, A. J., De Mineiro, J. L. C., Freitas-Astúa, J. & Bastianel, M. (2020). Survey of the citrus leprosis vector (*Brevipalpus yothersi*) and phytoseiids in spontaneous plants of an organic citrus orchard. *Experimental and Applied Acarology*, *82*(2), 199–209. https://doi.org/10.1007/s10493-020-00543-w

Nunney, L., Ortiz, B., Russell, S., Ruiz, R. & Stouthamer, R. (2014). The Complex Biogeography of the Plant Pathogen *Xylella fastidiosa* : Genetic Evidence of Introductions and Subspecific Introgression in Central America. *Plos one*, *9*(11). https://doi.org/10.1371/journal.pone.0112463

Obradović, A., Prokić, A., Kuzmanović, N., Zlatković, N. & Ivanović, M. (2014). New destructive disease of potato-zebra chip. *Plant Doctor*, *42*(1), 14–23. https://www.cabdirect.org/cabdirect/abstract/20143279311

Ocampo, T., Ochoa, D. L., Ramírez, S., Valdovinos, G. & Nava, C. (2013). First report of Tobacco mosaic virus (TMV) and Poinsettia mosaic virus (PnMV) in poinsettia ( *Euphorbia pulcherrima* Willd. Ex Klotzch ) in Mexico. Phyton, *82*, 235–241. https://www.cabi.org/isc/FullTextPDF/2014/20143069417.pdf

Ochoa, Y. M., Hernández Pérez, A., Delgado, J. C., Beltrán, M., Tapia, L. M., Hernández, O. & Cerna, E. (2018). First report of avocado tree wilt by *Pythium* sp. *amazonianum* in Mexico. *Ciencia e investigación agraria*, *45*(3), 301-305. https://dx.doi.org/10.7764/rcia.v45i3.1905

Oliveira, S. A. S., Abreu, E. F. M., Araújo, T. S., Oliveira, E. J., Andrade, E. C., Garcia, J. M. P. & Alvarez, E. (2014). First report of a 16SrIII - L phytoplasma associated with frogskin disease in cassava ( *Manihot esculenta* Crantz ) in Brazil. *Plant Disease*, *98*(1), 153. https://doi.org/10.1094/PDIS-05-13-0499-PDN

Omar, A. F., Aljmhan, K. A., Alsohim, A. S. & Pérez-López, E. (2018). Potato purple top disease associated with the novel subgroup 16SrII - X phytoplasma. *International Journal of Systematic and Evolutionary Microbiology*, *68*(11), 3678–3682. https://doi.org/10.1099/ijsem.0.003033

Omar, A. F., Alsohim, A. S., Dumonceaux, T. J. & Pérez-López, E. (2020). Molecular characterization of '*Candidatus* Phytoplasma australasia' 16SrII subgroups associated with eggplant, cabbage, beetroot, and celery in Saudi Arabia. *Crop Protection, 127*, 104970. https://doi.org/10.1016/j.cropro.2019.104970

Omar, A. F., Alsohim, A., Rehan, M. R., Al-Jamhan, K. A. & Pérez-López, E. (2018). 16SrII phytoplasma associated with date palm and Mexican fan palm in Saudi Arabia . *Australasian Plant Disease Notes*, *13*(1), 1–5. https://link.springer.com/article/10.1007/s13314-018-0326-1

Onkendi, E. M. & Moleleki, L. N. (2014). Characterization of *Pectobacterium carotovorum* subsp. c*arotovorum* and *brasiliense* from diseased potatoes in Kenya . *European Journal of Plant Pathology*, *139*(3), 557–566. https://doi.org/10.1007/s10658-014-0411-z

Ordonez, N., Seidl, M. F., Waalwijk, C., Drenth, A., Kilian, A., Thomma, B. P. H. J., Ploetz, R. C. & Kema, G. H. J. (2015). Worse comes to worst: bananas and Panama disease—when plant and pathogen clones meet. *PLoS Pathogens*, 11(11). https://doi.org/10.1371/journal.ppat.1005197

Ordoñez, N., García-Bastidas, F., Laghari, H. B., Akkary, M. Y., Harfouche, E. N., Al Awar, B. N. & Kema, G. H. J. (2016). First Report of *Fusarium oxysporum* f. sp. *cubense* Tropical Race 4 Causing Panama Disease in Cavendish Bananas in Pakistan and Lebanon . *Plant Disease*, *100*(1), 209. https://doi.org/10.1094/PDIS-12-14-1356-PDN

Ortiz-Castro, M., Hartman, T., Coutinho, T., Lang, J. M., Korus, K., Leach, J. E., Jackson-Ziems, T. & Broders, K. (2020). Current Understanding of the History , Global Spread , Ecology , Evolution , and Management of the Corn Bacterial Leaf Streak Pathogen, *Xanthomonas vasicola* pv. *vasculorum*. *Phytopathology*, *110*(6), 1124–1131. https://doi.org/10.1094/PHYTO-01-20-0018-PER

Oshima, K., Maejima, K. & Namba, S. (2013). Genomic and evolutionary aspects of phytoplasmas. *Frontiers in Microbiology*, *4*. https://doi.org/10.3389/fmicb.2013.00230

Oulghazi, S., Cigna, J., Lau, Y. Y., Moumni, M., Chan, K. G. & Faure, D. (2019). Transfer of the waterfall source isolate *Pectobacterium carotovorum* M022 to *Pectobacterium fontis* sp. nov., a deep-branching species within the genus *Pectobacterium* . *International Journal of Systematic and Evolutionary Microbiology*, *69*(2), 470–475. https://doi.org/10.1099/ijsem.0.003180

Owens, R. A. (2007). Potato spindle tuber viroid: the simplicity paradox resolved? Molecular Plant Pathology, *8*(5), 549–560. https://doi.org/10.1099/ijsem.0.003180

Owens, R. A. & Verhoeven, J. T. J. (2017). Chapter 14—Potato Spindle Tuber Viroid. En A. Hadidi, R. Flores, J. W. Randles & P. Palukaitis (Eds.), *Viroids and Satellites* (pp. 149-158). Academic Press. https://doi.org/10.1016/B978-0-12-801498-1.00014-0

Rodríguez, P., Luque, A., Nome, C., López, E., Fuentes, S. & Di Feo, L. (2012). First report of Sweet potato leaf curl virus infecting sweet potato in Argentina . *Australasian Plant Disease Notes,* *7*(1), 157–160. https://doi.org/10.1007/s13314-012-0073-7

Pasanen, M., Waleron, M., Schott, T., Cleenwerck, I., Misztak, A., Waleron, K., Pritchard, L., Bakr, R., Degefu, Y., Van der Wolf, J., Vandamme, P. & Pirhonen, M. (2020). *Pectobacterium parvum* sp. nov., having a *Salmonella* SPI -1-like Type III secretion system and low virulence. *International Journal of Systematic and Evolutionary Microbiology, 70*(4), 2440–2448. https://doi.org/10.1099/ijsem.0.004057

Patel, H. K., Matiuzzo, M., Bertani, I., Bigirimana, V., Ash, G. J., Höfte, M., & Venturi, V. (2014). Identification of virulence associated loci in the emerging

broad host range plant pathogen *Pseudomonas fuscovaginae. BMC Microbiology*, *14*(1), 1–13. https://doi.org/10.1186/s12866-014-0274-7

Pautasso, M., Döring, T. F., Garbelotto, M., Pellis, L. & Jeger, M. J. (2012). Impacts of climate change on plant diseases—opinions and trends. *European Journal of Plant Pathology, 133*(1), 295–313. https://doi.org/10.1007/s10658-012-9936-1

Pédron, J., Bertrand, C., Taghouti, G., Portier, P., & Barny, M.-A. (2019*). Pectobacterium aquaticum* sp. nov., isolated from waterways. *International Journal of Systematic and Evolutionary Microbiology*, *69*(3), 745–751. https://doi.org/10.1099/ijsem.0.003229

Pegg, K. G., Coates, L. M., O'Neill, W. T. & Turner, D. W. (2019). The Epidemiology of Fusarium Wilt of Banana. Frontiers in Plant Science, *10*, 1395. https://doi.org/10.3389/fpls.2019.01395

Pei, S., Dong, R., Bao, Y., He, R. L. & Yau, S. S.T. (2020). Classification of genomic components and prediction of genes of Begomovirus based on subsequence natural vector and support vector machine. PeerJ, *8*, e9625. https://doi.org/10.7717/peerj.9625

Perelló, A. E., Martinez, I. & Molina, M. (2015). First report of virulence and effects of *Magnaporthe oryzae* isolates causing wheat blast in Argentina. *Plant Disease*, *99*._ https://doi.org/10.1094/PDIS-11-14-1182-PDN

Pérez, L., De la Parte, E. & Cantillo, T. (2012). First report in Cuba of green point gall of cocoa cushion caused by *Albonectriarigidiuscula* (*Fusarium decemcellulare). Fitosanidad, 16*(1), 19–25. https://www.redalyc.org/pdf/2091/209125190003.pdf

Pérez, C. A., Reyna, R., Montanari, L., Torres-Dini, D., Nikichuk, N. & Simeto, S. (2014). First report of rust caused by *Puccinia psidii* on Eucalyptus dunnii in Uruguay. *Plant Disease*, *98*(10), 1444. https://doi.org/10.1094/PDIS-07-14-0700-PDN

Pérez, H., Chávez, E. C., Ortíz, J.C., Beache, M.B., Vargas, L. T. & Ochoa, Y. M. (2019). First report of *Phytopythium vexans* causing the "Avocado sadness" in Michoacan, Mexico. *Phyton-International Journal of Experimental Botany*, *88*(1), 11–13. https://doi.org/10.32604/phyton.2019.04608

Pérez-López, E. & Dumonceaux, T. J. (2018). Identification of grass white leaf disease associated with a '*Candidatus* Phytoplasma asteris'-related phytoplasma strain ( 16SrI - B and cpn60 I - IIIB ) in Mexico. *Tropical Plant Pathology*, *43*(3), 242–246. https://doi.org/10.1007/s40858-017-0184-y

Pérez-López, E. & Dumonceaux, T. J. (2016). Detection and identification of the heterogeneous novel subgroup 16SrXIII -( A / I ) I phytoplasma associated with strawberry green petal disease and Mexican periwinkle virescence. *International Journal of Systematic and Evolutionary Microbiology*, *66*(11), 4406–4415. https://doi.org/10.1099/ijsem.0.001365

Pérez-López, E., Luna-Rodríguez, M., Olivier, C. Y. & Dumonceaux, T. J. (2016). The underestimated diversity of phytoplasmas in Latin America . *International Journal of Systematic and Evolutionary Microbiology*, *66*(1), 492–513. https://doi.org/10.1099/ijsem.0.000726

Pérez-López, E., Omar, A. F., Al-Jamhan, K. M. & Dumonceaux, T. J. (2018). Molecular identification and characterization of the new 16SrIX - J and cpn60 UT IX - J phytoplasma subgroup associated with chicory bushy stunt disease in Saudi Arabia. *International Journal of Systematic and Evolutionary Microbiology, 68*(2), 518–522. https://doi.org/10.1099/ijsem.0.002530

Pérez-Vicente, L (2015). Las mejores prácticas para la prevención de la raza 4 tropical de la marchitez por *Fusarium* y otras enfermedades exóticas en fincas bananeras. *Fitosanidad*, *19*(3), 243-250. https://www.redalyc.org/pdf/2091/209150672007.pdf

Perilla-Henao, L. M., Dickinson, M. & Franco-Lara, L. (2012). First report of ‘ *Candidatus* Phytoplasma asteris’ affecting woody hosts (*Fraxinus uhdei, Populus nigra, Pittosporum undulatum*, and *Croton* spp.) in Colombia. *Plant Disease*, *96*(9), 1372. https://doi.org/10.1094/PDIS-03-12-0290-PDN

Perilla-Henao, L. M., & Franco-Lara, L. (2014). Especies Arbóreas de las Familias Euphorbiaceae , Pittosporaceae y Salicaceae son Infectadas por ‘Ca . Phytoplasma fraxini’ y ‘ Ca . Phytoplasma asteris’ en Infecciones Mixtas en Bogotá, Colombia . *Revista Facultad de Ciencias Básicas*, *9*(2), 248. https://doi.org/10.18359/rfcb.386

Pérombelon, M. C. M. (2002). Potato diseases caused by soft rot erwinias: an overview of pathogenesis. *Plant Pathology*, *51*(1). https://doi.org/10.1046/j.0032-0862.2001.Shorttitle.doc.x

Pfenning, L. H., Da Silva, S., Pereira, M.,Costa, H., Ventura, J. A., Garcia, C. Figueredo, A. (2014). First report and characterization of *Fusarium circinatum*, the causal agent of pitch canker in Brazil. *Tropical Plant Pathology*, *39*(3), 210–216. http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1982-56762014000300004&lang=es

Phillips-Mora, W., Baqueros, F., Melnick, R. L., Bailey, B. A. (2015). First report of frosty pod rot caused by *Moniliophthora roreri* on cacao in Bolivia. *New*

*Disease Reports*, *31*(29), 588–2044. https://doi.org/10.5197/j.2044-0588.2015.031.029

Pietersen, G., Arrebola, E., Breytenbach, J. H. J., Korsten, L., le Roux, H. F., la Grange, H., Lopes, S. A., Meyer, J. B., Pretorius, M. C., Schwerdtfeger, M., van Vuuren, S. P. & Yamamoto, P. (2010). A Survey for '*Candidatus* Liberibacter ' Species in South Africa Confirms the Presence of Only '*Ca .* L . africanus' in Commercial Citrus*. Plant Disease, 94*(2), 244–249. https://doi.org/10.1094/PDIS-94-2-0244

Pinto, Z. V., Cipriano, M. A. P., Galvão, J. A. H., Bettiol, W., Patrício, F. R. A. & Santos, A. (2011). Root rot caused by *Pythium aphanidermatum* of lettuce cultivars produced in a hydroponic system. *Summa Phytopathologica*, *37*(4), 180–186. https://doi.org/10.1094/PDIS-94-2-0244

Plazas, M. C., De Rossi, R. L., Brücher, E., Guerra, F. A., Vilaró, M., Guerra, G. D., Wu, G., Ortiz-Castro, M. C. & Broders, K. (2018). First Report of *Xanthomonas vasicola* pv. *vasculorum* Causing Bacteria Leaf Streak of Maize (*Zea mays*) in Argentina. *Plant Disease*, *102*(5), 1026. https://doi.org/10.1094/PDIS-10-17-1578-PDN

Ploetz, R. C. (2006). Fusarium Wilt of Banana Is Caused by Several Pathogens Referred to as *Fusarium oxysporum* f. sp. *cubense* . *Phytopathology*, *96*(6), 653–656. https://doi.org/10.1094/PDIS-10-17-1578-PDN

Ploetz, R. C. (2015). Fusarium Wilt of Banana . Phytopathology, *105*(12), 1512–1521. https://doi.org/10.1094/PHYTO-04-15-0101-RVW

Poghosyan, A., Hernandez-Gonzalez, J., Lebsky, V., Oropeza, C., Narváez, M. & Leon de la Luz, J. L. (2019). First Report of 16SrIV Palm Lethal Yellowing Group Phytoplasma ('*Candidatus* Phytoplasma palmae') in Palmilla de Taco (*Brahea brandegeei*) and Palma Colorada (*Washingtonia robusta*) in the State of Baja California Sur, Mexico. *Plant Disease*, *103*(8), 2122. https://doi.org/10.1094/PDIS-02-19-0247-PDN

Poltronieri, T. P., Benchimol, R. L., Verzignassi, J. R. & Poltronieri, L. S. (2012). First report of *Myrothecium roridum* in mucucizeiro in Pará . *Summa Phytopathologica*, *38*(4), 347. https://www.cabdirect.org/cabdirect/abstract/20133059122

Portier, P., Pédron, J., Taghouti, G., Dutrieux, C. & Barny, M.A. (2020). Updated Taxonomy of *Pectobacterium* Genus in the CIRM - CFBP Bacterial Collection: When Newly Described Species Reveal " Old " Endemic Population . *Microorganisms*, *8*(9), 1441. https://doi.org/10.3390/microorganisms8091441

Portier, P., Pédron, J., Taghouti, G., Fischer-Le, M., Caullireau, E., Bertrand, C., Laurent, A., Chawki, K., Oulgazi, S., Moumni, M., Andrivon, D., Dutrieux, C., Faure, D., Hélias, V. & Barny, M.-A. (2019). Elevation of *Pectobacterium carotovorum* subsp. *odoriferum* to species level as *Pectobacterium odoriferum* sp. nov., proposal of *Pectobacterium brasiliense* sp. nov. and *Pectobacterium actinidiae* sp. nov., emended description of *Pectobacterium carot*. *International Journal of Systematic and Evolutionary Microbiology*, *69*(10), 3207–3216. https://doi.org/10.1099/ijsem.0.003611

Poudel, B., Velázquez-Del Valle, M. G., Hernández-Lauzardo, A. N. & Zhang, S. (2019). First Report of *Alternaria tomato* Causing Leaf Spot on Sunflower in Mexico. *Plant Disease*, *103*(5), 1029. https://doi.org/10.1094/PDIS-07-18-1173-PDN

Ploez, A. H., Cerna, E., Delgado, J., Beltro, M., Tapia, L. & Ochoa, Y. (2019). First report of *Phytopythium vexans* causing the " Avocado sadness" in Michoacan , Mexico . *Phyton,* *88*(1), 11–13. https://doi.org/10.32604/phyton.2019.04608

Quaglino, F., Zhao, Y., Casati, P., Bulgari, D., Bianco, P. A., Wei, W. & Davis, R. E. (2013). '*Candidatus* Phytoplasma solani', a novel taxon associated with stolbur- and bois noir-related diseases of plants. *International Journal of Systematic and Evolutionary Microbiology*, *63*(8), 2879–2894. https://doi.org/10.1099/ijs.0.044750-0

Querci, M., Owens, R. A., Vargas, C. & Salazar, L. F. (1995). Detection of potato spindle tuber viroid in avocado growing in Peru. *Plant Disease*, *79*(2), 196-202. https://doi.org/10.1094/pd-79-0196

Queiroz, J. V. J., Santos, M. A., Santos, A. M. G., Michereff, S. J. & Freire, M. (2017). First report of *Diaporthe inconspicua* associated with shoot blight of *Atriplex nummularia* in Brazil. *Journal of Plant Pathology*, *99*(2). https://www.cabdirect.org/cabdirect/abstract/20183368584

Quito-Avila, D. F., Ibarra, M. A., Alvarez, R. A., Ratti, M. F., Espinoza, L., Cevallos-Cevallos, J. M. & Peralta, E. L. (2013). First report of Banana bract mosaic virus in 'Cavendish 'banana in Ecuador. *Plant Disease, 97*(7), 1003. https://doi.org/10.1094/PDIS-12-12-1154-PDN

Raddadi, N., Gonella, E., Camerota, C., Pizzinat, A., Tedeschi, R., Crotti, E., Mandrioli, M., Attilio Bianco, P., Daffonchio, D. & Alma, A. (2011). '*Candidatus* Liberibacter europaeus' sp. nov. that is associated with and transmitted by the psyllid *Cacopsylla pyri* apparently behaves as an endophyte rather than a pathogen: 'Ca . iberibacter europaeus' associated with C. pyri. *Environmental Microbiology*, *13*(2), 414–426. https://doi.org/10.1111/j.1462-2920.2010.02347.x

Raghu, S., Baite, M. S., Patil, N. B., Sanghamitra, P., Yadav, M. K., Prabhukarthikeyan, S. R., Keerthana, U., Gurupirasanna, G., Aravindan, S. & Rath, P. C. (2020). Grain discoloration in popular rice varieties (*Oryza sativa* L) in eastern India, associated mycoflora, quality losses and management using selected biocontrol agents. *Journal of Stored Products Research*, *88*, 101682. https://doi.org/https://doi.org/10.1016/j.jspr.2020.101682

Ramírez, J. G., Morales Osorio, J. G.. (2013). First report of *Cylindrocarpon destructans* ( Zinss ) Scholten affecting avocado ( *Persea americana* Mill ) seedling in Colombia. *Revista de Proteccion Vegetal*, *28*(1), 27–35.

Ramírez-Gil, J. G. (2018). Avocado wilt complex disease, implications and management in Colombia. *Revista Facultad Nacional de Agronomía* Medellín, *71*(2), 8525–8541. http://dx.doi.org/10.15446/rfna.v71n2.66465

Ramos, S. O. & Perez, C. A. (2015). First report of *Teratosphaeria pseudoeucalypti* on Eucalyptus hybrids in Argentina. *Plant Disease*, *99*(4), 554. https://doi.org/10.1094/PDIS-10-14-1087-PDN

Rapicavoli, J., Ingel, B., Blanco-Ulate, B., Cantu, D. & Roper, C. (2018). *Xylella fastidiosa*: an examination of a re-emerging plant pathogen*Molecular Plant Pathology*, *19*(4), 786–800. https://doi.org/10.1111/mpp.12585

Revers, F. & García, J. A. (2015). Molecular Biology of Potyviruses. En K. Maramorosch & T. C. Mettenleiter. (Eds.), *Advances in Virus Research* (Volume 92), 101–199. https://doi.org/10.1016/bs.aivir.2014.11.006

Ricciardi, A., Blackburn, T. M., Carlton, J. T., Dick, J. T. A., Hulme, P. E., Iacarella, J. C., Jeschke, J. M., Liebhold, A. M., Lockwood, J. L. & MacIsaac, H. J. (2017). Invasion science: a horizon scan of emerging challenges and opportunities. *Trends in Ecology & Evolution*, *32*(6), 464–474. https://doi.org/10.1016/j.tree.2017.03.007

Richardson, D. L. (1995). The history of oil palm breeding in the United Fruit Company. *ASD Oil Palm Papers*, (11), 1-22.

Ristaino, J., Anderson, P., Bebber, D., Brauman, K., Cunniffe, N., Fedoroff, N., Finegold, C., Garrett, K., Gilligan, C., Jones, C. M., Martin, M., MacDonald, G., Neenan, P., Records, A., Schmale, D., Tateosian, L. & Qingshan Wei. (2021). The persistent threat of emerging plant disease pandemics to global food security. *Proceedings of the National Academy of Sciences*, *118*, 23. https://doi.org/10.1073/pnas.2022239118

Rivas-Valencia, P., Domínguez-Monge, S., Santillán-Mendoza, R., Loeza-Kuk, E., Pérez-Hernández, O., Rodríguez-Quibrera, C. G. & Lomas-Barrié, C. (2020). Severe Citrus tristeza virus Isolates from Eastern Mexico Are Related

to the T36 Genotype Group . *American Journal of Plant Sciences*, *11*(10), 1521–1532. https://doi.org/10.4236/ajps.2020.1110110

Rivas-Valencia, P., Loeza-Kuk, E., Domínguez-Monge, S. & Lomas-Barrié, C. (2017). Chronic infection of the citrus tristeza virus in *Citrus sinensis*/*C. aurantium* trees in a restrictive thermal regime in Yucatán. *Revista Chapingo*: *Serie horticultura, 23*(3), 188-202. https://doi.org/10.5154/r.rchsh.2016.11.028

Rivas-Valencia, P., Loeza-Kuk, E., Domínguez-Monge, S. & Lomas-Barrié, C. T. (2017). Chronic infection of the citrus tristeza virus in Citrus sinensis/C. aurantium trees in a restrictive thermal regime in Yucatán. *Revista Chapingo: Serie Horticultura, 23*(3), 187–202. https://doi.org/10.5154/r.rchsh.2016.11.028

Rivera, M., Wright, E., Silvestro, L., Stenglein, S. & Kato, A.(2018). New host record of *Sclerotium rolfsii* causing crown and root rot on *Pseudogynoxis benthamii*. *Revista Mexicana de Biodiversidad*, *89*, 950–953. http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1870-34532018000300950&lang=es

Robles, M. M., Orozco Santos, M., Manzanilla, M. Á., Velázquez , J. J., Medina, V. M. & Stuchi, E. S. (2018). Experiences with huanglongbing in Mexican lemon in the State of Colima, Mexico . *Citrus Research and Technology*, *39*(1). https://www.cabdirect.org/cabdirect/abstract/20193442723

Rodas, C. A., Roux, J., Maier, W., Granados, G. M., Bolaños, M. D., McTaggart, A. R. & Wingfield, M. J. (2015). First report of *Puccinia psidii on Corymbia citriodora* and Eucalyptus in Colombia. *Forest Pathology*, *45*(6), 534–536. https://doi.org/10.1111/efp.12223

Rodas, C. A., Wingfield, M. J., Granados, G. M. & Barnes, I. (2016). Dothistroma needle blight: an emerging epidemic caused by *Dothistroma septosporum* in Colombia. *Plant Pathology*, *65*(1), 53–63. https://doi.org/10.1111/ppa.12389

Rodríguez A., Morales, J. J., Domínguez, G., Torres, G., Camacho, E., Leyva, N. Voloudakis, A. E., Bejarano, E. R. & Méndez J. (2019). High- Throughput Sequencing Reveals Differential Begomovirus Species Diversity in Non - Cultivated Plants in Northern - Pacific Mexico. *Viruses*, *11*(7), 594. https://doi.org/10.3390/v11070594

Rodríguez-Ramírez, R., Santillán-Galicia, M. T., Guzmán-Franco, A. W., Ortega-Arenas, L. D., Teliz-Ortiz, D., Sánchez-Soto, S. & Robles-García, P. L. (2019). Transmission of Citrus leprosis virus C by the Mite , *Brevipalpus yothersi* (Acari: Tenuipalpidae), on Four Species of Citrus. *Journal of Economic Entomology*, *112*(6), 2569–2576. https://doi.org/10.1093/jee/toz201

Rojas R. I., Zavaleta E., Lee, I.M. y Aragón A. (2009). Identificación de un aislamiento del grupo 16SrIII, *Candidatus* Phytoplasma pruni en plantas y semillas de amaranto (*Amaranthus hypochondriacus* L.) en México. *Agrociencia*, 43, 851–860. http://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S1405-31952009000800008&nrm=iso

Roossinck, M. J. (2012). Plant Virus Metagenomics : Biodiversity and Ecology . *Annual Review of Genetics*, *46*(1), 359–369. https://doi.org/10.1146/annurev-genet-110711-155600

Roossinck, M. J., Martin, D. P. & Roumagnac, P. (2015). Plant Virus Metagenomics: Advances in Virus Discovery. *Phytopathology*, *105*(6), 716–727. https://doi.org/10.1094/PHYTO-12-14-0356-RVW

Roossinck, M. J. (2011). The big unknown: plant virus biodiversity. *Current opinion in virology*, 1(1), 63–67. https://doi.org/10.1016/j.coviro.2011.05.022

Roper, M. C., Greve, L. C., Warren, J. G., Labavitch, J. M. & Kirkpatrick, B. C. (2007). *Xylella fastidiosa* Requires Polygalacturonase for Colonization and Pathogenicity in *Vitis vinifera* Grapevines . *Molecular Plant-Microbe Interactions*, *20*(4), 411–419. https://doi.org/10.1094/MPMI-20-4-0411

Rowe, S. L., Norman, J. S. & Friesen, M. L. (2018). Coercion in the Evolution of Plant-Microbe Communication: A Perspective. *Molecular plant-microbe interactions*, *31*(8), 789–794. https://doi.org/10.1094/MPMI-11-17-0276-CR

Rozo, Y., Escobar, C., Gaitán, Á. & Cristancho, M. (2012). Aggressiveness and Genetic Diversity of *Hemileia vastatrix* During an Epidemic in Colombia. *Journal of Phytopathology*, *160*(11–12), 732–740.

Sabaté, J., Laviña, A. & Batlle, A. (2014). First Report of '*Candidatus* Phytoplasma pyri' Causing Peach Yellow Leaf Roll ( PYLR ) in Spain. Plant Disease, *98*(7), 989. https://doi.org/10.1094/PDIS-10-13-1105-PDN

Saeed, S. T. & Samad, A. (2017). Emerging threats of begomoviruses to the cultivation of medicinal and aromatic crops and their management strategies. *Virus Disease*, *28*(1), 1–17. https://doi.org/10.1007/s13337-016-0358-0

Salazar, M. y Buriticá, P. (2012). Nuevos registros de royas (pucciniales) en plantas de interés agronómico y ornamental en Colombia. *Revista Facultad Nacional de Agronomía Medellín*. https://revistas.unal.edu.co/index.php/refame/article/view/36502/38427

Salehi, M., Izadpanah, K., Siampour, M., Bagheri, A. & Faghihi, S. M. (2007). Transmission of '*Candidatus* Phytoplasma aurantifolia' to Bakraee (*Citrus*

*reticulata* Hybrid ) by Feral *Hishimonus phycitis* Leafhoppers in Iran . *Plant Disease*, *91*(4), 466. https://doi.org/10.1094/PDIS-91-4-0466C

Sánchez, A., Ayala, V., Landero, N. Tlatilpa, I. & Nieto, A. (2019). First Report of *Colletotrichum truncatum* of *Solanum lycopersicum* in Mexico. *Plant Disease*. *103*(7), https://doi.org/10.1094/PDIS-10-18-1809-PDN

Sánchez C., A., Quiñones L., Piñol, B. E. y Fernández B. M. (2015). Primer informe de *Typhlocybinae* como vectores potenciales de fitoplasmas en *Cnidoscolus chayamansa* (Miller) IM Johnst (chaya) en Cuba. *Revista de Protección Vegetal*, *30*(2), 148–157. http://scielo.sld.cu/scielo.php?script=sci_arttext&pid=S1010-27522015000200009

Sánchez, S., Gambardella, M., Henríquez, J. L. & Díaz, I. (2013). First report of crown rot of strawberry caused by *Macrophomina phaseolina* in Chile. *Plant Disease*, *97*(7), 996. https://doi.org/10.1094/PDIS-12-12-1121-PDN

Sánchez-Espinosa, A. C., Villarruel-Ordaz, J. L. & Maldonado-Bonilla, L. D. (2020). The cause and potential solution to the Fusarium wilt disease in banana plants. *Terra Latinoamericana*, *38*(2), 435–442. https://doi.org/10.28940/terra.v38i2.617

Sanogo, S., Etarock, B. F. & Clary, M. (2011). First report of bacterial wilt caused by *Erwinia tracheiphila* on pumpkin and watermelon in New Mexico. *Plant Disease*, *95*(12), 1583. https://doi.org/10.1094/PDIS-06-11-0507

Sans, A., Rodriguez, M., Silva, P. & Stewart, S. (2017). First report of *Phytophthora sojae* and its pathotypes affecting soybean in Uruguay. *Agrociencia*, *21*(1), 89–94. https://www.cabdirect.org/cabdirect/abstract/20173313108

Saponari, M., Boscia, D., Altamura, G., Loconsole, G., Zicca, S., D'Attoma, G., Morelli, M., Palmisano, F., Saponari, A., Tavano, D., Savino, V. N., Dongiovanni, C. & Martelli, G. P. (2017). Isolation and pathogenicity of *Xylella fastidiosa* associated to the olive quick decline syndrome in southern Italy . *Scientific Reports*, *7*(1), 17723. https://doi.org/10.1038/s41598-017-17957-z

Sarfraz, S., Riaz, K., Oulghazi, S., Cigna, J., Sahi, S. T., Khan, S. H. & Faure, D. (2018). *Pectobacterium punjabense* sp. nov., isolated from blackleg symptoms of potato plants in Pakistan . *International Journal of Systematic and Evolutionary Microbiology*, *68*(11), 3551–3556. https://doi.org/10.1099/ijsem.0.003029

Sarkar, A. K. (2016). Anthracnose diseases of some common medicinally important fruit plants. *Journal of Medicinal Plants Studies*, *4*(3), 233–236.

https://www.plantsjournal.com/archives/2016/vol4issue3/PartD/4-3-16-778.pdf

Sarkar, P. & Ghanim, M. (2020). Unravelling the Pathogenesis and Molecular Interactions of Liberibacter Phytopathogens with Their Psyllid Vectors . Agronomy, *10*(8), 1132. https://doi.org/10.3390/agronomy10081132

Sarria, G. A., Martinez, G., Varon, F., Drenth, A. & Guest, D. I. (2016). Histopathological studies of the process of *Phytophthora palmivora* infection in oil palm. *European Journal of Plant Pathology*, *145*(1), 39-51. https://doi.org/10.1007/s10658-015-0810-9

Sautua, F. J., Searight, J., Doyle, V. P., Scandiani, M. M. & Carmona, M. A. (2020). *Cercospora* cf. *nicotianae* is a causal agent of Cercospora leaf blight of soybean. *European Journal of Plant Pathology*, *156*(4), 1227–1231. https://doi.org/10.1007/s10658-020-01969-z

Sawayanagi, T., Horikoshi, N., Kanehira, T., Shinohara, M., Bertaccini, A., Cousin, M.T., Hiruki, C. & Namba, S. (1999). '*Candidatus* Phytoplasma japonicum', a new phytoplasma taxon associated with Japanese Hydrangea phyllody. *International Journal of Systematic and Evolutionary Microbiology*, *49*(3), 1275–1285. https://doi.org/10.1099/00207713-49-3-1275

Schneider, B., Torres, E., Martín, M. P., Schröder, M., Behnke, H.D. & Seemüller, E. (2005). ' *Candidatus* Phytoplasma pini', a novel taxon from *Pinus silvestris* and *Pinus halepensis*. *International Journal of Systematic and Evolutionary Microbiology*, *55*(1), 303–307. https://doi.org/10.1099/ijs.0.63285-0

Scholthof, K.B. G. (2007). The disease triangle: pathogens, the environment and society. *Nature Reviews Microbiology*, *5*(2), 152–156. https://doi.org/10.1099/ijs.0.63285-0

Seigner, L., Kappen, M., Huber, C., Kistler, M. & Köhler, D. (2008). First trials for transmission of Potato spindle tuber viroid from ornamental Solanaceae to tomato using RT - PCR and an mRNA based internal positive control for detection. *Journal of Plant Diseases and Protection*, *115*(3), 97–101. https://doi.org/10.1007/BF03356246

Sepúlveda, G. F. S., Martínez, R. S., Briones, C. S. & Vásquez, R. G. (2013). First report of tomato bacterial canker Clavibacter michiganensis subsp. michiganensis on tomato crops in Arica. *Idesia*, *31*(2), 99-101. https://www.semanticscholar.org/paper/First-report-of-tomato-bacterial-canker-Clavibacter-Chavera-Mart%C3%ADnez/08fe41a430c5f2265678594c7792a08b5692aa69

Sepúlveda G., Saura, M., Mamani, W. H., Ninasivincha, S. C., Martinez, R. S. & Latorre, B. (2017). Presence of false smut (Graphiola phoenicis (Moug. ex Fr.) Poit.) on Canary date palm (Phoenix canariensis) on Easter Island, Chile. *Ciencia e investigación agraria: revista latinoamericana de ciencias de la agricultura*, *44*(3), 307-311. http://dx.doi.org/10.7764/rcia.v44i3.1787

Serçe, Ç. U. & Yılmaz, S. (2020). First report of '*Candidatus* Phytoplasma trifolii' ( 16SrVI group) infecting cabbage (*Brassica oleracea*) in Turkey . *Journal of Plant Pathology*, *102*(2), 553. https://doi.org/10.1007/s42161-019-00443-y

Servín-Villegas, R., Caamal-Chan, M. G., Chavez-Medina, A., Loera-Muro, A., Barraza, A., Medina-Hernández, D. & Holguín-Peña, R. J. (2018). Identification of a 'Candidatus Phytoplasma hispanicum'-related strain, associated with yellows-type diseases, in smoke-tree sharpshooter (Homalodisca liturata Ball). *International Journal of Systematic and Evolutionary Microbiology*, *68*(6), 2093–2101. https://doi.org/10.1099/ijsem.0.002745

Melo, M. P., Araújo, J. S., Carvalho, A. A., Tostes, G. O. & Arêas, M. S. (2010). Puccinia nakanishikii, a new report of rust on lemongrass in Brazil. *Tropical Plant Pathology*, *35*(2), 129-130. https://doi.org/10.1590/S1982-56762010000200010

Sharman, M., Lapbanjob, S., Sebunruang, P., Belot, J.-L., Galbieri, R., Giband, M. & Suassuna, N. (2015). First report of cotton leafroll dwarf virus in Thailand using a species-specific PCR validated with isolates from Brazil. *Australasian Plant Disease Notes*, *10*(1), 1–4. https://doi.org/10.1093/molbev/msr121

Sicard, A., Zeilinger, A. R., Vanhove, M., Schartel, T. E., Beal, D. J., Daugherty, M. P. & Almeida, R. P. P. (2018). *Xylella fastidiosa*: insights into an emerging plant pathogen. *Annual Review of Phytopathology*, *56*, 181–202. https://doi.org/10.1146/annurev-phyto-080417-045849

Silva, F. J. A., Maich, S. L. P., Meneses, P. R., Bellé, C., De Barros, D. R. & Farias, C. R. J. (2016). First report on *Exserohilum rostratum* pathogenicity causing brown spot to rice in Brazil. *Plant Disease*, *100*(12), 2531. https://doi.org/10.1094/PDIS-05-16-0709-PDN

Silva, X., Roux, J. & Asiegbu, F. O. (2020). Diseases of Eucalypts in Paraguay and First Report of *Teratosphaeria zuluensis* from South America. *Forests, 11*(10), 1035. https://doi.org/10.3390/f11101035

Singh, R. P., Ready, K. F. M. & Nie, S. (2003). Viroids of solanaceous species. *Viroids*, 125-133. https://www.cabdirect.org/cabdirect/abstract/20033106000

Sivaprasad, Y., Garrido, P., Mendez, K., Garrido, A. & Ramos, L. (2016). First report of Iris yellow spot virus infecting onion in the Pichincha and Tungurahua provinces of Ecuador. *New Disease Reports*, *33*. https://www.cabdirect.org/cabdirect/abstract/20163258560

Sivaprasad, Y., Garrido, P., Mendez, K., Garrido, A. & Ramos, L. (2015). First report of potato yellowing virus infecting pepper in Ecuador. *Journal of Plant Pathology*, 97. https://www.cabdirect.org/cabdirect/abstract/20173230907

Sivaprasad, Y., Garrido, P., Mendez, K., Pachacama, S., Garrido, A. & Ramos, L. (2017). First report of Tomato spotted wilt virus infecting pepper in Ecuador. *Journal of Plant Pathology*, *99*(1). https://www.cabdirect.org/cabdirect/abstract/20183088583

Sivaprasad, Y., Garrido, P., Mendez, K., Pachacama, S., Garrido, A. & Ramos, L. (2017). First report of Onion yellow dwarf virus infecting onion in Ecuador. *Journal of Plant Pathology*, *99*(1). https://www.cabdirect.org/cabdirect/abstract/20183088567

Sivaprasad, Y., Paz, L., Intriago, D., Castro, J., Álvarez, H. & Viera, W. (2017b). First report of soybean mosaic virus infecting passion fruit in Ecuador. *Journal of Plant Pathology*, *99*(3). https://cabdirect.org/cabdirect/abstract/20193250859

Sivaprasad, Y., Viera, W., Buitron, J., Orbe, K. & Ayala, L. (2016). First report of Potato leaf roll virus in tree tomato in Ecuador. *Journal of Plant Pathology*, *98*(1). https://www.cabdirect.org/cabdirect/abstract/20163126120

Sivaprasad, Y., Viera, W., Patricia, G. & Orbe, K. (2015). First report of Potato virus Y in tree tomato in Ecuador. *Journal of Plant Pathology*, *97*. https://www.cabdirect.org/cabdirect/abstract/20173230910

Soto, M., González, L., Peralta, E. L. & Pérez, R. (2008). Empleo De Plantas De Pepino Como Amplificador Biológico Para La Detección Del Viroide Del Enanismo Del Lúpulo (Hsvd) En Cítricos. *Revista de Protección Vegetal*, *23*(1), 1–10. http://scielo.sld.cu/scielo.php?script=sci_arttext&pid=S1010-27522008000100001&nrm=iso

Škorić, D. Chapter 5—Viroid Biology. En A. Hadidi, R. Flores, J. W. Randles & P. Palukaitis (Eds.), (2017).. *Viroids and Satellites* (pp. 53-61). Academic Press. https://doi.org/10.1016/B978-0-12-801498-1.00005-X

Steenkamp, E. T., Rodas, C. A., Kvas, M. & Wingfield, M. J. (2012). *Fusarium circinatum* and pitch canker of Pinus in Colombia. *Australasian Plant Pathology*, *41*(5), 483–491. https://doi.org/10.1007/s13313-012-0120-z

Stewart, C. S., Kon, T., Gilbertson, R. L. & Roye, M. E. (2011). First report of the complete sequence of Sida golden yellow vein virus from Jamaica. *Archives of Virology*, *156*(8), 1481–1484. https://doi.org/10.1007/s00705-011-1030-z

Studholme, D. J., Wicker, E., Abrare, S. M., Aspin, A., Bogdanove, A., Broders, K., Dubrow, Z., Grant, M., Jones, J. B., Karamura, G., Lang, J., Leach, J., Mahuku, G., Nakato, G. V., Coutinho, T., Smith, J. & Bull, C. T. (2020). Transfer of *Xanthomonas campestris* pv. *arecae* and *X. campestris* pv. *musacearum* to *X . vasicola* (Vauterin) as *X . vasicola* pv. *arecae* comb. nov. and *X. vasicola* pv. m. *Phytopathology*, *110*(6), 1153–1160. https://doi.org/10.1094/PHYTO-03-19-0098-LE

Stutz, M. C., Carrer, R., Rocha, G. A., Dianese, É. D. C. & Cunha, M. G. D. (2020). Soft rot on the stems of Zamioculcas zamiifolia caused by Sclerotium rolfsii. *Ornamental Horticulture*, *25*, 402-406. https://doi.org/10.1590/2447-536X.v25i4.2019

Sugiyama, L. S., Heller, W. P., Brill, E. & Keith, L. M. (2020). First Report of *Phytophthora heveae* Causing Quick Decline of Macadamia in Hawaii. *Plant Disease*, *104*(6), 1875. https://doi.org/10.1094/PDIS-11-19-2451-PDN

Sundram, S. & Intan-Nur, A. M. A. (2017). South American Bud rot: A biosecurity threat to SouthEast Asian oil palm. *Crop Protection*, *101*, 58–67. https://doi.org/10.1016/j.cropro.2017.07.010

Swisher Grimm, K. D. & Garczynski, S. F. (2019). Identification of a New Haplotype of '*Candidatus* Liberibacter solanacearum' in *Solanum tuberosum*. *Plant Disease*, *103*(3), 468–474. https://doi.org/10.1094/PDIS-06-18-0937-RE

Taheri, F., Nematzadeh, G., Zamharir, M. G., Nekouei, M. K., Naghavi, M., Mardi, M. & Salekdeh, G. H. (2011). Proteomic analysis of the Mexican lime tree response to "*Candidatus* Phytoplasma aurantifolia" infection. *Molecular BioSystems*, *7*(11), 3028-3035. https://doi.org/10.1039/c1mb05268c

Talhinhas, P., Batista, D., Diniz, I., Vieira, A., Silva, D. N., Loureiro, A., Tavares, S., Pereira, A. P., Azinheira, H. G., Guerra-Guimarães, L., Várzea, V. & Silva, M. do C. (2017). The coffee leaf rust pathogen *Hemileia vastatrix*: one and a half centuries around the tropics: Coffee leaf rust caused by *Hemileia vastatrix*. *Molecular Plant Pathology*, *18*(8), 1039–1051. https://doi.org/10.1111/mpp.12512

Tamime, A. (2019). Ecogenomic characterization of Begomovirus in Natural and Agricultural ecosystems to understand the origin of new diseases [Tesis doctoral, Instituto Politécnico Nacional]. Archivo digital.

http://rdcb.cbg.ipn.mx/bitstream/20.500.12273/706/1/10_JML_2019_Tesis-Juan%20Jose%20Morales%20Aguilar.pdf

Tatineni, S. (2017). Wheat streak mosaic virus coat protein is a host-specific long-distance transport determinant in oat. *Virus research*, *242*, 37-42. https://doi.org/10.1016/j.virusres.2017.08.014

Tedeschi, R. & Alma, A. (2006). *Fieberiella florii* (Homoptera: Auchenorrhyncha) as a Vector of "*Candidatus* Phytoplasma mali". *Plant Disease*, *90*(3), 284–290. https://doi.org/10.1094/PD-90-0284

Téllez, L. C., Pardo, J. M., Zacher, M., Torres, A. & Álvarez, E. (2016). First report of a 16SrIII phytoplasma associated with frogskin disease in cassava (*Manihot esculenta*) in Paraguay. *Plant Disease*, *100*(7). https://doi.org/10.1094/PDIS-09-15-1102-PDN

Teresani, G. R., Bertolini, E., Alfaro-Fernández, A., Martínez, C., Tanaka, F. A. O., Kitajima, E. W., Roselló, M., Sanjuán, S., Ferrándiz, J. C., López, M. M., Cambra, M. & Font, M. I. (2014). Association of '*Candidatus* Liberibacter solanacearum' with a Vegetative Disorder of Celery in Spain and Development of a Real - Time PCR Method for Its Detection. *Phytopathology*, *104*(8), 804–811. https://doi.org/10.1094/PHYTO-07-13-0182-R

Texeira, D. C., Ayres, J., Kitajima, E. W., Danet, L., Jagoueix-Eveillard, S., Saillard, C. & Bové, J. M. (2005). First Report of a Huanglongbing - Like Disease of Citrus in Sao Paulo State, Brazil and Association of a New Liberibacter Species, "*Candidatus* Liberibacter americanus", with the Disease. *Plant Disease, 89*(1), 107. https://doi.org/10.1094/PD-89-0107A

Thangavelu, R., Saraswathi, M. S., Uma, S., Loganathan, M., Backiyarani, S., Durai, P., Raj, E. E., Marimuthu, N., Kannan, G. & Swennen, R. (2021). Identification of sources resistant to a virulent *Fusarium* wilt strain ( VCG 0124) infecting Cavendish bananas. *Scientific Reports*, *11*(1), 3183. https://doi.org/10.1038/s41598-021-82666-7

Thompson, S., Fletcher, J. D., Ziebell, H., Beard, S., Panda, P., Jorgensen, N., Fowler, S. V., Liefting, L. W., Berry, N. & Pitman, A. R. (2013). First report of '*Candidatus* Liberibacter europaeus' associated with psyllid infested Scotch broom. *New Disease Reports*, *27*, 6. https://doi.org/10.5197/j.2044-0588.2013.027.006

Tollenaere, C., Susi, H. & Laine, A.-L. (2016). Evolutionary and Epidemiological Implications of Multiple Infection in Plants. *Trends in Plant Science*, *21*(1), 80–90. https://doi.org/10.1016/j.tplants.2015.10.014

Tombion, L., Alderete, L. M., De La Torre, M. P., Agrofoglio, Y. C., Delfosse, V. C., Distefano, A. J. & Soto, M. S. (2019). First Report of Potato Virus Y in Ornamental Calibrachoa in Argentina. *Plant Disease*, *103*(7), 1799. https://doi.org/10.1094/PDIS-09-18-1673-PDN

Torre-Almaráz, R., Pallás, V. & Sánchez-Navarro, J. A. (2016). First report of Cucumber mosaic virus (CMV) and CARNA -5 in carnation in Mexico. *Plant Disease*, *100*(7), 1509. https://doi.org/10.1094/PDIS-01-16-0110-PDN

Torres, E., Botti, S., Paltrinieri, S., Martin, M. P. & Bertaccini, A. (2002). First report of Spartium witches' broom disease in Spain: Disease Report. *Plant Pathology, 51(6), 807. https://doi.org/10.1046/j.1365-3059.2002.00777.x*

Torres, G. A., Sarria, G. A., Martinez, G., Varon, F., Drenth, A. & Guest, D. I. (2016). Bud rot caused by *Phytophthora palmivora*: a destructive emerging disease of oil palm. *Phytopathology*, *106*(4), 320–329. https://doi.org/10.1094/PHYTO-09-15-0243-RVW

Torres, G. A., Sarria, G. A., Varon, F., Coffey, M. D., Elliott, M. L. & Martinez, G. (2010). First Report of Bud Rot Caused by *Phytophthora palmivora* on African Oil Palm in Colombia. *Plant Disease*, *94*(9), 1163. https://doi.org/10.1094/PDIS-94-9-1163A

Trujillo, C. A., Ochoa, J. C., Mideros, M. F., Restrepo, S., López, C. & Bernal, A. (2014). A complex population structure of the Cassava Pathogen *Xanthomonas axonopodis* pv. *manihotis* in recent years in the Caribbean Region of Colombia. *Microbial Ecology*, *68*(1), 155–167.

Tsagris, E. M., de Alba, Á. E., Gozmanova, M. & Kalantidis, K. Viroids. *Cellular Microbiology, 10*(11), 2168–2179. https://doi.org/10.1111/j.1462-5822.2008.01231.x

Ochoa, Y. M., Hernandez, A., Delgado, J. C., Beltran, M., Tapia, L. M., Hernandez, O. & Cerna, E. (2018). First report of avocado tree wilt by *Pythium* sp. *amazonianum* in Mexico. *Ciencia e Investigación Agraria*, *45*(3), 301–305. https://doi.org/10.7764/rcia.v45i3.1905

Vaca-Vaca, J. C., Morales-Euse, J., Rivera-Toro, D. M. y López-López, K. (2019). Primer reporte de begomovirus infectando cultivos de ají (*Capsicum* spp.) en Colombia. *Acta Biológica Colombiana*, *24*(3), 452–462. https://doi.org/10.15446/abc.v24n3.79367

Valencia, A. L., Torres, R. & Latorre, B. A. (2011). First report of *Pestalotiopsis clavispora* and *Pestalotiopsis* spp. causing postharvest stem end rot of avocado in Chile. *Plant Disease*, *95*(4), 492. https://doi.org/10.1094/PDIS-11-10-0844

Valente, J. B., Pereira, F. S., Stempkowski, L. A., Farias, M., Kuhnem, P., Lau, D., Fajardo, T. V. M., Nhani Junior, A., Casa, R. T., Bogo, A. & Da Silva, F. N. (2019). A novel putative member of the family Benyviridae is associated with soilborne wheat mosaic disease in Brazil. *Plant Pathology*, *68*(3), 588–600. https://doi.org/10.1111/ppa.12970

Valiunas, D. (2006). "Candidatus Phytoplasma fragariae", a novel phytoplasma taxon discovered in yellows diseased strawberry, Fragariaxananassa. *International Journal Of Systematic And Evolutionary Microbiology*, *56*(1), 277–281. https://doi.org/10.1099/ijs.0.63935-0

Valli, A., García, J. A. & López-Moya, J. J. (2015). Potyviridae. Els (pp. 1–10). https://doi.org/10.1002/9780470015902.a0000755.pub3

Vamenani, R., Rahimian, H., Alavi, S. M., Pakdin Parizi, A. & Mirza Razzaz, T. (2019). Genetic diversity of hop stunt viroid from symptomatic and asymptomatic citrus trees in Iran. *Journal of Phytopathology, 167*(9), 484–489. https://doi.org/10.1111/jph.12821

Van der Wolf, J. M., De Haan, E. G., Kastelein, P., Krijger, M., De Haas, B. H., Velvis, H., Mendes, O., Kooman-Gersmann, M. & Van der Zouwen, P. S. (2017). Virulence of *Pectobacterium carotovorum* subsp. *brasiliense* on potato compared with that of other *Pectobacterium* and *Dickeya* species under climatic conditions prevailing in the Netherlands. *Plant Pathology*, *66*(4), 571–583. https://doi.org/10.1111/ppa.12600

Van der Wolf, J. M., Acuña, I., De Boer, S. H., Brurberg, M. B., Cahill, G., Charkowski, A. O., Coutinho, T., Davey, T., Dees, M. W., Degefu, Y., Dupuis, B., Elphinstone, J. G., Fan, J., Fazelisanagri, E., Fleming, T., Gerayeli, N., Gorshkov, V., Helias, V., le Hingrat, Y., … Yedidia, I. (2021). Diseases Caused by *Pectobacterium* and *Dickeya* Species Around the World. En F. V. Gigsejem, J. M. Van der Wolf & I. K. Toth. (Eds.), *Plant Diseases Caused by Dickeya and Pectobacterium Species* (pp. 215–261). *Springer*. https://doi.org/10.1007/978-3-030-61459-1_7

Van der Wolf, J. M., Boer, S. H. De, Czajkowski, R., Cahill, G., Gijsegem, F. Van, Davey, T., Dupuis, B., Ellicott, J., Jafra, S., Kooman, M., Toth, I. K., Tsror, L., Yedidia, I., & van der Waals, J. E. (2021). Management of Diseases Caused by *Pectobacterium* and Dickeya Species. En F. V. Gigsejem, J. M. Van der Wolf & I. K. Toth. (Eds.), *Plant Diseases Caused by Dickeya and Pectobacterium Species* (pp. 175–214). Springer. https://doi.org/10.1007/978-3-030-61459-1_6

Van Regenmortel, M. H. V. & Mahy, B. W. J. (2004). Emerging Issues in Virus Taxonomy. *Emerging Infectious Diseases*, *10*(1), 8–13. https://doi.org/10.3201/eid1001.030279

Varela-Correa, C. A. & Franco-Lara, L. (2020). First Report of a '*Candidatus* Phytoplasma fraxini'-related strain associated with potato in Colombia. *Plant Disease*, *104*(10), 2720. https://doi.org/10.1094/PDIS-11-19-2464-PDN

Vargas-Salinas, M. (2019). Abundance of the Beet Leafhopper, Circulifer tenellus, Associated with 16SrIII-phytoplasmas in Squash at Baja California Sur, Mexico. *Southwestern Entomologist*, *44*(2). https://doi.org/10.3958/059.044.0202

Varma, A., Mandal, B. & Singh, M. K. (2011). Global Emergence and Spread of Whitefly (*Bemisia tabaci*) Transmitted Geminiviruses. En W. M. O. Thompson. (Ed.), *The Whitefly, Bemisia tabaci (Homoptera: Aleyrodidae) Interaction with Geminivirus-Infected Host Plants* (pp. 205–292). Springer. https://doi.org/10.1007/978-94-007-1524-0_10

Vasconez, I. N., Besoain, X., Vega-Celedón, P., Valenzuela, M. & Seeger, M. (2020). First Report of Bacterial Wilt Caused by *Ralstonia solanacearum* Phylotype IIB Sequevar 1 Affecting Tomato in Different Regions of Chile. *Plant Disease, 104*(7). https://doi.org/10.1094/PDIS-01-20-0181-PDN

Vázquez-Marrufo, G., Vázquez-Garcidueñas, M. A. S. & Mukhtar, I. (2014a). First report of *Melampsora euphorbiae* on Euphorbia hirta L. from Mexico. *Journal of Plant Pathology*, *96*(3). https://doi.org/10.4454/JPP.V96I3.007

Vázquez-Marrufo, G., Vázquez-Garcidueñas, M. A. S., & Mukhtar, I. (2014b). *Uromyces euphorbiae* on *Euphorbia hirta* L. from Guerrero and Michoacan (Mexico): first report. *Bangladesh Journal of Botany*, *43*(3), 375–376. https://doi.org/10.3329/bjb.v43i3.21619

Velásquez, A. C., Castroverde, C. D. M. & He, S. Y. (2018). Plant–Pathogen Warfare under Changing Climate Conditions. *Current Biology*, *28*(10), 619-634. https://doi.org/10.1016/j.cub.2018.03.054

Vélez, C., Rodriguez, J., Mestizo, Y., Norena, C., Varon, F., Martinez, G. & Sarria, A. (2013). Desarrollo de Phytophthora palmivora *en foliolos inmaduros de palma de aceite inoculados en condiciones in vitro. Fitopatología Colombiana. Revista Palmas*, *37*, 31–35.

Verdin, E., Salar, P., Danet, J.-L., Choueiri, E., Jreijiri, F., El Zammar, S., Gélie, B., Bové, J. M. & Garnier, M. (2003). '*Candidatus* Phytoplasma phoenicium' sp. nov., a novel phytoplasma associated with an emerging lethal disease of almond trees in Lebanon and Iran. *International Journal of Systematic and Evolutionary Microbiology*, *53*(3), 833–838. https://doi.org/10.1099/ijs.0.02453-0

Verhoeven, J. T. J., Hüner, L., Marn, M. V., Plesko, I. M. & Roenhorst, J. W. (2010). Mechanical transmission of Potato spindle tuber viroid between plants of

*Brugmansia suaveoles, Solanum jasminoides* and potatoes and tomatoes. *European Journal of Plant Pathology, 128*(4), 417–421. https://doi.org/10.1007/s10658-010-9675-0

Viaro, H. P., Da Silva, J. J., De Souza, L., Bordini, J. G., Massi, F. P. & Fungaro, M. H. P. (2017). The first report of *A. novoparasiticus, A. arachidicola* and *A . pseudocaelatus* in Brazilian corn kernels. *International Journal of Food Microbiology, 243*, 46–51. https://doi.org/10.1016/j.ijfoodmicro.2016.12.002

Villalobos, W., Bottner-Parker, K., Lee, I.-M., Montero-Astúa, M., Albertazzi, F. J., Coto-Morales, T., Sandoval-Carvajal, I., Garita, L. & Moreira, L. (2019). *Catharanthus roseus* (Apocynaceae) naturally infected with diverse phytoplasmas in Costa Rica. *Revista de Biología Tropical*, *67*(1), 321–336. http://dx.doi.org/10.15517/rbt.v67i1.33972

Villalobos, W., Martini, M., Garita, L., Muñoz, M., Osler, R. & Moreira, L., (2011). *Guazuma ulmifolia* (Sterculiaceae), a new natural host of 16SrXV phytoplasma in Costa Rica. *Tropical Plant Pathology*, 36(2), 110–115. https://doi.org/10.1590/S1982-56762011000200007

Waleron, M., Misztak, A., Waleron, M., Jonca, J., Furmaniak, M. & Waleron, K. (2019). *Pectobacterium polonicum* sp. nov. isolated from vegetable fields. *International Journal of Systematic and Evolutionary Microbiology*, *69*(6), 1751–1759. https://doi.org/10.1099/ijsem.0.003387

Walker, C., Muniz, M. F. B., Martins, R. R. O., Mezzomo, R., Rolim, J. M. & Blume, E. (2016). First report of species in the *Cladosporium cladosporioides* complex causing pecan leaf spot in Brazil. *Journal of Plant Pathology*, *98*(2). https://www.cabdirect.org/cabdirect/abstract/20173230984

Warman, N. M. & Aitken, E. A. B. (2018). The Movement of *Fusarium oxysporum* f.sp. *cubense* (Sub-Tropical Race 4) in susceptible cultivars of banana. *Frontiers in Plant Science*, *9*, 1748. https://doi.org/10.3389/fpls.2018.01748

Wei, W., Pérez-López, E., Davis, R. E., Bermúdez-Díaz, L., Granda-Wong, C., Wang, J. & Zhao, Y. (2017). '*Candidatus* Phytoplasma brasiliense'-related strains associated with papaya bunchy top disease in northern Peru represent a distinct geographic lineage. *Crop Protection, 92*, 99–106. https://doi.org/10.1016/j.cropro.2016.10.024

Weng, S. H., Tsai, W. S., Kenyon, L. & Tsai, C. W. (2015). Different transmission efficiencies may drive displacement of tomato begomoviruses in the fields in Taiwan: Cause of tomato begomovirus displacement. *Annals of Applied Biology*, *166*(2), 321–330. https://doi.org/10.1111/aab.12185

Widmark, A.K., Andersson, B., Cassel-Lundhagen, A., Sandström, M. & Yuen, J. E. (2007). *Phytophthora infestans* in a single field in southwest Sweden early

in spring: symptoms, spatial distribution and genotypic variation. *Plant Pathology*, *56*(4), 573–579. https://doi.org/10.1111/j.1365-3059.2007.01618.x

Willsey, T., Chatterton, S. & Cárcamo, H. (2019). Interactions between the root rot pathogen *Fusarium avenaceum* and the pea leaf weevil (*Sitona lineatus*) in field pea. *Crop Protection*, *116*, 108–114. https://doi.org/10.1016/j.cropro.2018.08.027

Winks, C. J., Andersen, M. T., Charles, J. G. & Beever, R. E. (2014). Identification of *Zeoliarus oppositus* (Hemipter: Cixiidae) as a Vector of 'Candidatus Phytoplasma australiense'. *Plant Disease*, *98*(1), 10–15. https://doi.org/10.1094/PDIS-04-13-0421-RE

Wolf, J. M., Haan, E. G., Kastelein, P., Krijger, M., Haas, B. H., Velvis, H., Gersmann, M. & Zouwen, P. (2017). Virulence of *Pectobacterium carotovorum* subsp. *brasiliense* on potato compared with that of other *Pectobacterium* and Dickeya species under climatic conditions prevailing in the Netherlands. *Plant Pathology*, *66*(4), 571–583. https://doi.org/10.1111/ppa.12600

Wylie, S. J., Adams, M., Chalam, C., Kreuze, J., López-Moya, J. J., Ohshima, K., Praveen, S., Rabenstein, F., Stenger, D., Wang, A., Zerbini, F. M. & ICTV Report Consortium. (2017). ICTV Virus Taxonomy Profile: Potyviridae . *Journal of General Virology*, *98*(3), 352–354. https://doi.org/10.1099/jgv.0.000740

Yap, M., Barak, J. D. & Charkowski, A. O. (2004). Genomic Diversity of *Erwinia carotovora* subsp. *carotovora* and Its Correlation with Virulence. *Applied and Enviromental Microbiology*, *70*(5), 3013–3023. https://doi.org/10.1128/AEM.70.5.3013–3023.2004

Yang, Y., Jiang, L., Tian, Q., Lu, Y., Zhang, X. & Zhao, W. (2017). Detection and identification of a novel subgroup 16SrII - V phytoplasma associated with *Praxelis clematidea* phyllody disease. *International Journal of Systematic and Evolutionary Microbiology*, *67*(12), 5290–5295. https://doi.org/10.1099/ijsem.0.002449

Yeturu, S., Viera, W., Garrido, P. & Insuasti, M. (2016). First report of Tomato spotted wilt virus infecting tree tomato (*Solanum betaceum* Cav.) in Ecuador. *Journal of Plant Pathology*, *98*(3). https://www.cabdirect.org/cabdirect/abstract/20173034093

Yokomi, R. (2019). CTV vectors and interactions with the virus and host plants. En A. F. Catara, M. Bar-Joseph & G. Licciardello (Eds.), *Citrus tristeza virus* (pp. 29-53). Springer https://doi.org/10.1007/978-1-4939-9558-5_4

Zamora, L., Acosta, K., Martínez, Y. (2012). First report of' *Candidatus* Phytoplasma asteris' (16SrI group) affecting common bean in Cuba . *New Disease Reports*, *25*(1). https://doi.org/10.5197/j.2044-0588.2012.025.004

Zerbini, F. M. & Ribeiro, S. G. (2020). Bean Golden Mosaic Virus and Bean Golden Yellow Mosaic Virus (Geminiviridae). En D. H. Bamford & M. Zuckerman. (Eds.), *Encyclopedia of Virology: Volume 3* (4th ed.) (pp. 192–199). Academic Press. https://doi.org/10.1016/B978-0-12-809633-8.21237-5

Zhang, Y. & Ma, L. J. (2017). Deciphering pathogenicity of Fusarium oxysporum from a phylogenomics perspective. *Advances in genetics*, *100*, 179-209. https://doi.org/https://doi.org/10.1016/bs.adgen.2017.09.010

Zhao, Y., Sun, Q., Wei, W., Davis, R. E., Wu, W. & Liu, Q. (2009). " *Candidatus* Phytoplasma tamaricis", a novel taxon discovered in witches'-broom-diseased salt cedar (*Tamarix chinensis* Lour). *International Journal Of Systematic And Evolutionary Microbiology, 59*(10), 2496–2504. https://doi.org/10.1099/ijs.0.010413-0

Zhao, Y. & Davis, R. E. (2016). Criteria for phytoplasma 16Sr group/subgroup delineation and the need of a platform for proper registration of new groups and subgroups. International. *Journal of Systematic and Evolutionary Microbiology*, *66*(5), 2121–2123. https://doi.org/10.1099/ijsem.0.000999

Zhao, Y., Wei, W., Davis, R. E., Lee, I.-M. & Bottner-Parker, K. D. (2021). The agent associated with blue dwarf disease in wheat represents a new phytoplasma taxon, 'Candidatus Phytoplasma tritici'. *International Journal of Systematic and Evolutionary Microbiology*, *71*(1), 4604. https://doi.org/10.1099/ijsem.0.004604

Zheng, Q., Wang, X., Zhou, J. & Ma, Y. (2020). Complete genome sequence of a new member of the genus Badnavirus from red pitaya (*Hylocereus polyrhizus*). *Archives of Virology*, *165*(3), 749–752. https://doi.org/10.1007/s00705-019-04503-7

Zheng, S.-J., García-Bastidas, F. A., Li, X., Zeng, L., Bai, T., Xu, S., Yin, K., Li, H., Fu, G., Yu, Y., Yang, L., Nguyen, H. C., Douangboupha, B., Khaing, A. A., Drenth, A., Seidl, M. F., Meijer, H. J. G. & Kema, G. H. J. (2018). New Geographical Insights of the Latest Expansion of *Fusarium oxysporum* f.sp. *cubense* Tropical Race 4 Into the Greater Mekong Subregion. *Frontiers in Plant Science*, *9*, 457. https://doi.org/10.3389/fpls.2018.00457

Zhou, X. G. (2014). First report of bacterial panicle blight of rice caused by *Burkholderia glumae* in South Africa. *Plant Disease, 98*(4), 566. https://doi.org/10.1094/PDIS-09-13-0913-PDN

Zwolińska, A., Krawczyk, K., Borodynko-Filas, N. & Pospieszny, H. (2019). Non-crop sources of Rapeseed Phyllody phytoplasma ('*Candidatus* Phytoplasma asteris': 16SrI - B and 16SrI -(B/L)L), and closely related strains. *Crop Protection*, *119*, 59–68. https://doi.org/10.1016/j.cropro.2018.11.015