Supplementary Table 2. Species within the *Fusarium oxysporum* species complex and their hosts/substrates recorded in Korea

Species	Host/substrate	Lifestyle	Reference
F. contaminatum	*Opuntia ficus-indica*	Not confirmed	This study
F. contaminatum	*Passiflora edulis*	Pathogen	Joa et al. (2018), This study
F. cugenangense	*Allium cepa*	Not confirmed	This study
F. cugenangense	*Aralia elata*	Not confirmed	This study
F. cugenangense	*Brassica oleracea*	Pathogen	Choi et al. (2015a), This study
F. cugenangense	*Capsicum annuum*	Not confirmed	This study
F. cugenangense	*Chrysanthemum* × *morifolium*	Not confirmed	This study
F. cugenangense	*Citrullus lanatus*	Pathogen	Lee et al. (2023), This study
F. cugenangense	*Cucumis melo*	Not confirmed	This study
F. cugenangense	*Cucumis sativus*	Not confirmed	This study
F. cugenangense	*Cucurbita moschata*	Not confirmed	This study
F. cugenangense	*Fragaria* × *ananassa*	Not confirmed	This study
F. cugenangense	*Ipomoea batatas*	Not confirmed	This study
F. cugenangense	*Lactuca sativa*	Pathogen	Jeon et al. (2018), This study
F. cugenangense	*Lagenaria siceraria*	Not confirmed	This study
F. cugenangense	*Ligularia fischeri*	Not confirmed	This study
F. cugenangense	*Ligusticum chuanxiong*	Not confirmed	This study
F. cugenangense	*Lilium* sp.	Not confirmed	This study
F. cugenangense	*Perilla frutescens*	Not confirmed	This study
F. cugenangense	*Pleuropterus multiflorus*	Not confirmed	This study
F. cugenangense	*Rubus coreanus*	Pathogen	Kim et al. (2021), This study
F. cugenangense	*Sesamum indicum*	Not confirmed	This study
F. cugenangense	*Solanum lycopersicum*	Not confirmed	This study
F. cugenangense	Soybean for Meju	Not confirmed	This study
F. cugenangense	*Taraxacum platycarpum*	Not confirmed	This study
F. cugenangense	*Trifolium repens*	Not confirmed	This study
F. cugenangense	*Zoysia japonica*	Not confirmed	This study
F. curvatum	*Cymbidium kanran*	Not confirmed	This study
F. curvatum	*Cymbidium* sp.	Not confirmed	This study
F. curvatum	*Lactuca sativa*	Not confirmed	This study
F. curvatum	*Matthiola incana*	Not confirmed	This study
F. curvatum	*Phalaenopsis* sp.	Not confirmed	This study
F. duoseptatum	*Citrullus lanatus*	Not confirmed	This study
F. inflexum	*Brassica oleracea*	Not confirmed	This study
F. inflexum	*Raphanus raphanistrum* subsp. *sativus*	Pathogen	Jeon et al. (2017), This study
F. languescens	*Capsicum annuum*	Pathogen	Park et al. (2019), This study
F. languescens	*Mammillaria* sp.	Not confirmed	This study
F. languescens	*Solanum lycopersicum*	Not confirmed	This study
F. nirenbergiae	*Dianthus caryophyllus*	Not confirmed	This study
F. nirenbergiae	*Gladiolus* × *gandavensis*	Not confirmed	This study
F. nirenbergiae	*Gladiolus* × *gandavensis*	Not confirmed	This study

(Continued)

Supplementary Table 2. (Continued)

Species	Host/substrate	Lifestyle	Reference
F. nirenbergiae	*Ipomoea batatas*	Not confirmed	This study
F. nirenbergiae	*Solanum lycopersicum*	Pathogen	Park et al. (2012), This study
F. odoratissimum	*Lactuca sativa*	Not confirmed	This study
F. oxysporum s. str.	*Neillia incisa*	Not confirmed	This study
F. oxysporum	*Allium sativum*	Pathogen	KSPP (2024)
F. oxysporum	*Arachis hypogaea*	Not confirmed	Choi et al. (2022)
F. oxysporum	*Asparagus officinalis*	Pathogen	KSPP (2024)
F. oxysporum	*Astragalus mongholicus* (syn. *Astragalus mongholicus* var. *dahuricus*)	Pathogen	KSPP (2024)
F. oxysporum	*Atractylodes lancea* (syn. *Atractylodes ovata*)	Pathogen	Hassan and Chang (2021)
F. oxysporum	*Brassica cretica* subsp. *cretica* (syn. *Brassica oleracea* var. *botrytis*)	Pathogen	KSPP (2024)
F. oxysporum	*Brassica oleracea* (syn. *Brassica oleracea* var. *gongylodes*)	Pathogen	KSPP (2024)
F. oxysporum	*Brunfelsia pauciflora* (syn. *Brunfelsia calycina*)	Pathogen	Han et al. (2003)
F. oxysporum	*Bupleurum komarovianum*	Pathogen	KSPP (2024)
F. oxysporum	*Capsicum annuum*	Pathogen	Cha et al. (2007)
F. oxysporum	*Chamaecyparis obtusa*	Pathogen	KSPP (2024)
F. oxysporum	*Chamaecyparis pisifera*	Pathogen	KSPP (2024)
F. oxysporum	*Chrysanthemum* × *morifolium*	Pathogen	Kwon et al. (2013)
F. oxysporum	*Cryptomeria japonica*	Pathogen	KSPP (2024)
F. oxysporum	*Cucurbita pepo*	Pathogen	Choi et al. (2015b)
F. oxysporum	*Cymbidium ensifolium*	Pathogen	Lee et al. (2002)
F. oxysporum	*Cymbidium goeringii*	Pathogen	Lee et al. (2002)
F. oxysporum	*Cymbidium iridioides* (syn. *Cymbidium giganteum*)	Pathogen	Lee et al. (2002)
F. oxysporum	*Cymbidium kanran*	Pathogen	Lee et al. (2002)
F. oxysporum	*Daphne odora*	Pathogen	Kim et al. (2005)
F. oxysporum	*Daucus carota*	Pathogen	Han et al. (2012)
F. oxysporum	*Dendropanax trifidus*	Pathogen	Ma et al. (2023)
F. oxysporum	*Dianthus japonicus*	Pathogen	KSPP (2024)
F. oxysporum	*Fritillaria ussuriensis*	Pathogen	KSPP (2024)
F. oxysporum	*Gastrodia elata*	Pathogen	Lee et al. (2022)
F. oxysporum	*Gerbera jamesonii*	Pathogen	KSPP (2024)
F. oxysporum	*Glycine max*	Pathogen	Choi et al. (2020)
F. oxysporum	*Gypsophila elegans*	Pathogen	KSPP (2024)
F. oxysporum	*Homo sapiens*	Pathogen	Lee et al. (2013)
F. oxysporum	*Ipomoea batatas*	Pathogen	KSPP (2024)
F. oxysporum	*Juglans mandshurica*	Pathogen	KSPP (2024)
F. oxysporum	*Kalanchoe blossfeldiana*	Pathogen	KSPP (2024)
F. oxysporum	*Lactuca sativa*	Pathogen	KSPP (2024)
F. oxysporum	*Larix kaempferi*	Pathogen	KSPP (2024)

(Continued)

Supplementary Table 2. (Continued)

Species	Host/substrate	Lifestyle	Reference
F. oxysporum	*Oryza sativa*	Not confirmed	Kim et al. (2012)
F. oxysporum	*Panax ginseng*	Not confirmed	Choi et al. (2024b)
F. oxysporum	*Panicum miliaceum*	Not confirmed	Choi et al. (2021)
F. oxysporum	*Perilla frutescens*	Pathogen	Kim et al. (2002)
F. oxysporum	*Petroselinum crispum*	Pathogen	KSPP (2024)
F. oxysporum	*Phalaenopsis* sp.	Pathogen	Kim and Chun (2007)
F. oxysporum	*Phaseolus vulgaris*	Pathogen	Ha et al. (2023)
F. oxysporum	*Picea jezoensis*	Pathogen	KSPP (2024)
F. oxysporum	*Pinus densiflora*	Pathogen	KSPP (2024)
F. oxysporum	*Pleuropterus multiflorus* (syn. *Fallopia multiflora*)	Pathogen	Park et al. (2015b)
F. oxysporum	*Quercus* sp.	Pathogen	KSPP (2024)
F. oxysporum	*Robinia pseudoacacia*	Pathogen	KSPP (2024)
F. oxysporum	*Schlumbergera truncata*	Pathogen	KSPP (2024)
F. oxysporum	*Selenicereus triangularis* (syn. *Hylocereus trigonus*)	Pathogen	Hyun et al. (1998)
F. oxysporum	*Senna tora*	Pathogen	KSPP (2024)
F. oxysporum	*Solanum melongena*	Pathogen	KSPP (2024)
F. oxysporum	*Solanum tuberosum*	Pathogen	KSPP (2024)
F. oxysporum	*Toxicodendron vernicifluum*	Pathogen	KSPP (2024)
F. oxysporum	*Vanda falcata* (syn. *Neofinetia falcata*)	Pathogen	Kim and Chun (2007)
F. oxysporum	*Vigna angularis*	Pathogen	Ha et al. (2023)
F. oxysporum	*Vigna radiata*	Pathogen	Ha et al. (2023)
F. oxysporum	*Zelkova serrata*	Pathogen	KSPP (2024)
F. oxysporum	*Zingiber officinale*	Not confirmed	Choi et al. (2024a)
F. oxysporum f. sp. *asparagi*	*Asparagus officinalis*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *batatas*	*Ipomoea batatas*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *callistephi*	*Callistephus chinensis*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *cepae*	*Allium cepa*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *cepae*	*Allium fistulosum*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *cepae*	*Allium sativum*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *cepae*	*Allium tuberosum*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *conglutinans*	*Brassica oleracea* (syn. *Brassica oleracea* var. *capitata*)	Pathogen	Park et al. (2015a)
F. oxysporum f. sp. *conglutinans*	*Brassica rapa* (syn. *Brassica rapa* subsp. *pekinensis*)	Pathogen	KSPP (2024)
F. oxysporum f. sp. *cucumerinum*	*Cucumis sativus*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *cyclaminis*	*Cyclamen purpurascens*	Pathogen	Kim et al. (2003)
F. oxysporum f. sp. *dianthi*	*Dianthus caryophyllus*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *fragariae*	*Fragaria* × *ananassa*	Pathogen	Cho and Kwak (2022)
F. oxysporum f. sp. *gladioli*	*Gladiolus* × *gandavensis*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *lini*	*Linum usitatissimum*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *lycopersici*	*Solanum lycopersicum*	Pathogen	KSPP (2024)

(Continued)

Supplementary Table 2. (Continued)

Species	Host/substrate	Lifestyle	Reference
F. oxysporum f. sp. *melonis*	*Cucumis melo*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *nicotianae*	*Nicotiana tabacum*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *niveum*	*Citrullus lanatus*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *radicis-lycopersici*	*Solanum lycopersicum*	Pathogen	Yang et al. (2000)
F. oxysporum f. sp. *raphani*	*Raphanus raphanistrum* subsp. *sativus* (syn. *Raphanus sativus*)	Pathogen	KSPP (2024)
F. oxysporum f. sp. *spinaciae*	*Spinacia oleracea*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *tracheiphilum*	*Glycine max*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *vasinfectum*	*Glycine max*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *vasinfectum*	*Gossypium arboreum* (syn. *Gossypium indicum*)	Pathogen	KSPP (2024)
F. oxysporum f. sp. *vasinfectum*	*Sesamum indicum*	Pathogen	KSPP (2024)
F. oxysporum f. sp. *zingiberi*	*Zingiber officinale*	Pathogen	KSPP (2024)
F. triseptatum	*Cymbidium ensifolium*	Not confirmed	This study
F. triseptatum	*Cymbidium goeringii*	Not confirmed	This study
F. triseptatum	*Cymbidium* sp.	Not confirmed	This study
F. wimaladesilvae	*Cucumis melo*	Not confirmed	This study

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