



Checklist

Table 8. Checklist of *Eurotiomycetes* in Thailand.

No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
Subclass: <i>Chaetothyriomycetidae</i> (145)							
1.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Chaetothyrium bischofiicola</i>	On the living leaf of <i>Brischofia javanica</i> (<i>Phyllanthaceae</i>)	N/A	Chiang Rai	[136]
2.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Ceramothyrium chiangraiense</i>	On living leaves of <i>Ficus</i> sp. (<i>Moraceae</i>)	N/A	Chiang Rai	[137]
3.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Ceramothyrium fici</i>	On living leaves of <i>Ficus</i> sp. (<i>Moraceae</i>)	N/A	Chiang Rai	[138]
4.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Ceramothyrium longivolcaniforme</i>	On dried leaves of an unidentified plant	N/A	Chiang Mai	[139]
5.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Ceramothyrium</i> sp.	On an unidentified dead leaf, on dead leaves of <i>Fagales</i>	Forest (Mushroom Research Center)	Chiang Mai	[140]
6.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Ceramothyrium thailandicum</i>	On living leaves of <i>Lagerstroemia</i> sp. (<i>Lythraceae</i>), on dried leaves of an unidentified plant	Medicinal garden	Chiang Mai	[136, 139]
7.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Chaetothyrium</i> sp.	On dead leaves of <i>Fagales</i>	Forest (Mushroom Research Center)	Chiang Mai	[140]
8.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Incumbomyces delicatus</i>	From a carton of a <i>Crematogaster</i> sp. (<i>Formicidae</i> , <i>Myrmicinae</i>)	Khao Luang National Park (ant nest)	Nakhon Si Thammarat	[62]
9.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Phaeosaccardinula coffeicola</i>	On living leaves of <i>Coffea arabica</i> L. (<i>Rubiaceae</i>)	Khun Chang Khian Highland Research Station	Chiang Mai	[141]
10.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Phaeosaccardinula ficus</i>	On the living leaf of <i>Ficus</i> sp. (<i>Moraceae</i>), On the living leaf of <i>Ixora</i> sp. (<i>Rubiaceae</i>)	N/A	Chiang Mai, Chiang Rai	[136, 142]
11.	<i>Chaetothyriales</i>	<i>Chaetothyriaceae</i>	<i>Phaeosaccardinula</i> sp.	On the living leaf of <i>Mimusops elengi</i> (<i>Sapotaceae</i>)	Mae Fah Luang University	Chiang Rai	[142]
12.	<i>Chaetothyriales</i>	<i>Cyphellophoraceae</i>	<i>Cyphellophora filicis</i>	Dead fronds of a fern	N/A	Chiang Rai	[143]
13.	<i>Chaetothyriales</i>	<i>Cyphellophoraceae</i>	<i>Cyphellophora</i> sp.	Walls, Ground floor, Furniture, One month after the flood disaster	Home indoor surface	Trang	[78]
14.	<i>Chaetothyriales</i>	<i>Herpotrichiellaceae</i>	<i>Aculeata aquatica</i>	On submerged wood in a freshwater	Fresh water	Chiang Rai	[144]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
15.	Chaetothyriales	Herpotrichiellaceae	<i>Cladophialophora abundans</i>	Submerged decaying	Mangrove habitat	Phuket	[73]
16.	Chaetothyriales	Herpotrichiellaceae	<i>Cladophialophora aquatica</i>	Submerged decaying wood	Freshwater habitat	Chiang Mai	[73]
17.	Chaetothyriales	Herpotrichiellaceae	<i>Cladophialophora bantiana</i>	Swedish patient skin graft, Tsunami victim, Thai patient	N/A	N/A	[102, 103]
18.	Chaetothyriales	Herpotrichiellaceae	<i>Cladophialophora rupestricola</i>	From the sandstone	Dipterocarp forest	Lamphun	[69]
19.	Chaetothyriales	Herpotrichiellaceae	<i>Cladophialophora sribuabanensis</i>	From the sandstone	Dipterocarp forest	Lamphun	[69]
20.	Chaetothyriales	Herpotrichiellaceae	<i>Cladophialophora thailandensis</i>	From the sandstone	Dipterocarp forest	Lamphun	[69]
21.	Chaetothyriales	Herpotrichiellaceae	<i>Exophiala amphawaensis</i>	Gut of amphipods	N/A	Samut Songkhram	[145]
22.	Chaetothyriales	Herpotrichiellaceae	<i>Exophiala dermatitidis</i>	Khao Khaew open zoo soil, <i>Pteropus scapulatus</i> (flying fox): fresh, dry and dry faeces mixed with soil, Frugivorous birds' faeces, hornbill faeces, Steam bath: Floor, wall, seat, railway, Stone, wood stained with petroleum oil, <i>Mangifera indica</i> (<i>Anacardiaceae</i>)	N/A	Bangkok, Chachoengsao, Chiang Rai, Chonburi, Nakornsawan, Narathiwat, Pitsanulok, Prachinburi, Srakaew	[104, 105]
23.	Chaetothyriales	Herpotrichiellaceae	<i>Exophiala jeanselmei</i>	Patient, left index finger & hand of a patient	N/A	Bangkok (Siriraj Hospital)	[106, 107, 146, 147]
24.	Chaetothyriales	Herpotrichiellaceae	<i>Exophiala lamphunensis</i>	On rock	Forests	Lamphun	[68]
25.	Chaetothyriales	Herpotrichiellaceae	<i>Exophiala lapidea</i>	On rocks	Forests	Lamphun	[68]
26.	Chaetothyriales	Herpotrichiellaceae	<i>Exophiala saxicola</i>	On rocks	Forests	Lamphun	[68]
27.	Chaetothyriales	Herpotrichiellaceae	<i>Exophiala siamensis</i>	On rocks	Forests	Sukhothai	[68]
28.	Chaetothyriales	Herpotrichiellaceae	<i>Exophiala spinifera</i>	Pineapple, patient	N/A	N/A	[105, 108]
29.	Chaetothyriales	Herpotrichiellaceae	<i>Fonsecaea nubica</i>	Patient	N/A	N/A	[109]
30.	Chaetothyriales	Herpotrichiellaceae	<i>Fonsecaea pedrosoi</i>	Patients	N/A	N/A	[110, 111]
31.	Chaetothyriales	Herpotrichiellaceae	<i>Marinophialophora garethjonesii</i>	On the intertidal decaying wood of a mangrove stand	Associated with <i>Halocyphina</i> sp. (<i>Niaceae</i> , <i>Agaricomycetes</i>)	Phetchaburi	[148]
32.	Chaetothyriales	Herpotrichiellaceae	<i>Melanoctona tectonae</i>	On a dead branch of <i>Tectona grandis</i> L.f. (<i>Lamiaceae</i>)	N/A	Chiang Rai	[149]
33.	Chaetothyriales	Herpotrichiellaceae	<i>Metulocladosporiella chiangmaiensis</i>	From leaves of <i>Musa</i> sp. (<i>Musaceae</i>)	Queen Sirikit Botanic Garden	Chiang Mai	[150]
34.	Chaetothyriales	Herpotrichiellaceae	<i>Metulocladosporiella musae</i>	On a fresh leaf spot on <i>Musa</i> sp. (<i>Musaceae</i>)	Doi Thun	Chiang Rai	[151]



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35.	Chaetothyriales	Herpotrichiellaceae	<i>Metulocladosporiella musigena</i>	From leaves of <i>Musa</i> sp. (<i>Musaceae</i>)	Queen Sirikit Botanic Garden	Chiang Mai	[150]
36.	Chaetothyriales	Herpotrichiellaceae	<i>Metulocladosporiella samutensis</i>	From <i>Musa</i> sp. (<i>Musaceae</i>)	N/A	Samut Songkhram	[150]
37.	Chaetothyriales	Herpotrichiellaceae	<i>Petriomyces obovoidisporus</i>	From the sandstone	Forest	Sukhothai	[69]
38.	Chaetothyriales	Herpotrichiellaceae	<i>Phialophora jeanselmei</i>	Patients (left index finger & hand)	N/A	Bangkok (Siriraj Hospital)	[146, 147]
39.	Chaetothyriales	Herpotrichiellaceae	<i>Phialophora parasitica</i>	Patients	N/A	Bangkok (Ramathibodi Hospital)	[112]
40.	Chaetothyriales	Herpotrichiellaceae	<i>Phialophora verrucosa</i>	Patients, Associated with rice	N/A	Bangkok	[113, 114]
41.	Chaetothyriales	Herpotrichiellaceae	<i>Rhinocladiella phaeophora</i>	Patients	Skin lesion	Bangkok	[115]
42.	Chaetothyriales	Herpotrichiellaceae	<i>Thysanorea aquatica</i>	On submerged wood in a freshwater	Fresh water	Prachuap Khiri Khan	[144]
43.	Chaetothyriales	Herpotrichiellaceae	<i>Thysanorea nonramosa</i> (= <i>Minimelanolocus nonramosus</i>)	On submerged wood in a stream	Fresh water	Phang Nga	[74]
44.	Chaetothyriales	Herpotrichiellaceae	<i>Thysanorea papuana</i>	On submerged wood in a stream	Fresh water	Prachuap Khiri Khan	[152]
45.	Chaetothyriales	Herpotrichiellaceae	<i>Thysanorea thailandensis</i> (= <i>Minimelanolocus thailandensis</i>)	On submerged wood in a freshwater	Fresh water	Prachuap Khiri Khan	[144]
46.	Chaetothyriales	Microtheliopsidaceae	<i>Microtheliopsis uniseptata</i>	N/A	N/A	N/A	[153]
47.	Chaetothyriales	Trichomeriaceae	<i>Trichomerium bambusae</i>	On a dead culm of bamboo (<i>Poaceae</i>)	N/A	Chiang Rai	[154]
48.	Chaetothyriales	Trichomeriaceae	<i>Trichomerium camporesii</i>	On the living leaf of <i>Psidium guajava</i> (<i>Myrtaceae</i>)	N/A	Chiang Rai	[155]
49.	Chaetothyriales	Trichomeriaceae	<i>Trichomerium Chiangmaiensis</i>	On living leaves of <i>Coffea arabica</i> L. (<i>Rubiaceae</i>)	Nong Hoi Royal Project	Chiang Mai	[141]
50.	Chaetothyriales	Trichomeriaceae	<i>Trichomerium deniquilatum</i>	On the living leaf of <i>Psidium guajava</i> (<i>Myrtaceae</i>)	Mae Fah Luang University	Chiang Rai	[142, 156]
51.	Chaetothyriales	Trichomeriaceae	<i>Trichomerium foliicola</i>	On living leaf of <i>Murraya paniculata</i> (<i>Rutaceae</i>), <i>Mangifera indica</i> (<i>Anacardiaceae</i>), <i>Psidium guajava</i> (<i>Myrtaceae</i>), <i>Phoenix dactylifera</i> (<i>Arecaceae</i>)	N/A	Chiang Rai	[142, 156]
52.	Chaetothyriales	Trichomeriaceae	<i>Trichomerium gloeosporum</i>	On the living leaf of <i>Ficus</i> sp. (<i>Moraceae</i>)	Rice field	Chiang Rai	[156]



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53.	<i>Chaetothyriales</i>	<i>Trichomeriaceae</i>	<i>Trichomerium siamensis</i>	On leaves of <i>Tecoma</i> sp. (<i>Bignoniaceae</i>)	N/A	Chiang Rai	[157]
54.	<i>Phaeomoniellales</i>	<i>Celotheliaceae</i>	<i>Celothelium aciculiferum</i>	Forest patch	Mushroom Research Centre	Chiang Mai	[67]
55.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Anthracothecium badioatrum</i>	On bark	Forest	Upper Gulf of Thailand	[158]
56.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Anthracothecium cristatellum</i>	On bark	Forest	Central Gulf of Thailand, Upper-Central Andaman, Upper Gulf of Thailand	[158]
57.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Anthracothecium depressum</i>	On bark	Forest	Upper Gulf of Thailand	[158]
58.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Anthracothecium macrosporum</i>	On bark	N/A	N/A	[67, 159]
59.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Anthracothecium megaspermum</i>	On bark	Forest	Upper Gulf of Thailand	[158]
60.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Anthracothecium prasinum</i>	On bark	Forest, Khao Yai National Park	Chiang Mai, Prachinburi, Nakhon, Nakhon Ratchasima, Nayok, Saraburi	[66, 160]
61.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Anthracothecium sublaevigatum</i>	On bark	Forest	Upper Gulf of Thailand	[158]
62.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Lithothelium obtectum</i>	On bark	Chiang Dao Wildlife Sanctuary, Doi Suthep-Pui N.P Observation station, Evergreen Forest, Deciduous Forest, Huay Kha Kaeng Wildlife Sanctuary	Chon Buri, Chiang Mai, Uthai Thani	[67]
63.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Lithothelium quadrisporum</i>	N/A	N/A	N/A	[161]
64.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenographa xylographoides</i>	Mangrove wood	Hat Khanom-Mu Ko Thale Tai National Park, Koh Chang National Park	Phuket	[162]



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65.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula acutalis</i>	On bark in dry evergreen forest, on <i>Manglietia garrettii</i> (<i>Magnoliaceae</i>) bark	Forest	Andaman Sea, Chiang Mai, Upper-Central Andaman, Uthai Thani	[158]
66.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula acutispora</i>	On bark	Forest	Central Gulf of Thailand, Upper-Central Andaman	[158]
67.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula anomala</i>	On bark	Forest	Upper Gulf of Thailand, Central Gulf of Thailand	[158]
68.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula aspistea</i>	On bark	Forest	Central Gulf of Thailand, Upper-Central Andaman, Upper Gulf of Thailand	[158]
69.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula atropurpurea</i>	On bark	Forest	Andaman Sea	[158]
70.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula aurantiopileata</i>	On bark, on open ridge	Chiang Dao Wildlife Sanctuary	Chiang Mai	[67]
71.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula bahiana</i>	On bark	Forest	Central Gulf of Thailand	[158]
72.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula breutelii</i>	On bark	N/A	N/A	[159, 163, 164]
73.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula brunnea</i>	On bark	Forest	Upper-Central Andaman	[158]
74.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula castanea</i>	On bark	Forest	Andaman Sea	[158, 159, 163, 165]
75.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula cayennensis</i>	On bark	Forest	Central Gulf of Thailand	[158]
76.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula circumfiniens</i>	N/A	N/A	N/A	[67, 159, 166]
77.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula confinis</i>	On bark	Forest	Andaman Sea, Nakhon Ratchasima	[158–160]
78.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula costaricensis</i>	On bark	Forest	Upper-Central Andaman	[158]
79.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula cubana</i>	On bark	Forest	Upper-Central Andaman	[158]
80.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula cuyabensis</i>	On bark	Dry evergreen forest, Huay Kha	Uthai Thani	[67]



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					Kaeng Wildlife Sanctuary		
81.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula dermatodes</i>	On bark	Forest	Upper-Central Andaman	[158]
82.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula expectata</i>	On bark	Forest	N/A	[158]
83.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula fibrata</i>	N/A	N/A	N/A	[159, 163, 165]
84.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula gibberosa</i>	On bark	Forest	Upper Gulf of Thailand	[158]
85.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula gigas</i>	On bark	Forest	Upper-Central Andaman	[158]
86.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula globifera</i>	On bark	Mushroom Research Centre	Chiang Mai	[67]
87.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula hirsute</i>	On bark	Forest	Upper-Central Andaman	[158]
88.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula immissa</i>	On <i>Vatica cinerea</i> (<i>Dipterocarpaceae</i>) bark	Chiang Dao Wildlife Sanctuary, Huay Kha Kaeng Wildlife Sanctuary, Liana in mixed montane oak forest	Chiang Mai, Uthai Thani	[67]
89.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula kurzii</i>	On bark	Forest	Andaman Sea, Central Gulf of Thailand, Upper-Central Andaman, Upper Gulf of Thailand,	[158]
90.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula laetior</i>	On bark	Forest	Andaman Sea, Upper-Central Andaman	[158]
91.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula lamprocarpa</i>	On bark	Forest	Central Gulf of Thailand	[158]
92.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula leucostoma</i>	On bark	N/A	N/A	[165]
93.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula leucotrypa</i>	On bark	Forest	Upper-Central Andaman	[158]
94.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula lineatostroma</i>	On bark	Dry evergreen forest, Huay Kha Kaeng Wildlife Sanctuary	Uthai Thani Prov	[67]



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95.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula macrocarpa</i>	On bark	Forest	Andaman Sea, Upper-Central Andaman	[158]
96.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula macularis</i>	On bark, on maritime scrub	Doi Chiang Dao Wildlife Sanctuary, Forest, Huay Kha Kaeng Wildlife Sanctuary, Kiri Khan coastal scrub, Montane evergreen forest	Chiang Mai, Khiri Khan, Upper Gulf of Thailand, Uthai Thani	[158]
97.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula mamillana</i>	On bark	Bang lang national park, Doi Chiang Dao Wildlife Sanctuary, Dry evergreen forest, Forest, Huay Kha Kaeng Wildlife Sanctuary, Mixed evergreen forest, Montane oak forest, Seasonal rain forest, Mushroom Research Centre	Andaman Sea, Chiang Mai, Doi Suthep, Central Gulf of Thailand, Upper-Central Andaman, Uthai Thani, Yala	[67, 158, 167]
98.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula massariospora</i>	On bark and vine	Chiang Dao Wildlife Sanctuary, Forest	Andaman Sea, Chiang Mai, Lampang, Central Gulf of Thailand, Upper Gulf of Thailand	[67, 158]
99.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula mastophoroides</i>	On bark	Forest	Andaman Sea	[158]
100.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula microcarpa</i>	On bark	Forest	Andaman Sea, Chiang Mai, Central Gulf of Thailand, Upper-Central Andaman,	[67, 158]
101.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula minae</i>	On bark	Forest	Andaman Sea	[158]
102.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula minor</i>	On bark	Forest	Andaman Sea, Upper-Central Andaman,	[158]



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103.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula montana</i>	On bark	Dry Dipterocarp Forest, Huay Kha Kaeng Wildlife Sanctuary, Khao Kiew Wildlife Sanctuary, Montane evergreen forest, Oak/pine forest	Chiang Mai, Uthai Thani	[67]
104.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula nitida</i>	On bark	N/A	N/A	[159, 168]
105.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula nitidella</i>	On bark	Forest	Upper-Central Andaman, Upper Gulf of Thailand	[158]
106.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula nodulata</i>	On bark	Forest	Upper Gulf of Thailand	[158]
107.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula ochraceoflava</i>	On bark	N/A	N/A	[159, 163–165]
108.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula oleosa</i>	On bark	Forest (Mushroom Research Centre)	Chiang Mai	[67]
109.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula parvinuclea</i>	On bark	Forest	Andaman Sea, Thailand	[158, 159, 163–166, 169]
110.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula pyrenastrospora</i>	On bark	Forest	Andaman Sea	[158]
111.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula pyrenuloides</i>	On bark	Forest	Central Gulf of Thailand	[158]
112.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula quassiicola</i>	On <i>Fagaceae</i> bark, <i>Castanopsis</i> bark	Forest	Chiang Mai	[67]
113.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula ravenelii</i>	On bark	Forest	Central Gulf of Thailand	[158]
114.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula rockii</i>	On bark	Chiang Dao Wildlife Sanctuary	Chiang Mai	[67]
115.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula rubrostoma</i>	On <i>Vatica cinerea</i> (<i>Dipterocarpaceae</i>) bark	Dry evergreen forest, Huay Kha Kaeng Wildlife Sanctuary	Chiang Mai, Uthai Thani	[67]
116.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula santensis</i>	On bark	Doi Chiang Dao Wildlife Sanctuary	Chiang Mai	[67]
117.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula scutate</i>	On bark	Chiang Dao Wildlife Sanctuary, Doi Inthanon, <i>Dipterocarpus tuberculatus</i>	Chiang Mai, Lampang, Uthai Thani	[67]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
					canopy, Evergreen Forest, Forest, Huay Kha Kaeng Wildlife Sanctuary, Montane oak forest, Moss Forest, On <i>Castanopsis</i> bark, Semievergreen forest dominated by <i>Dipterocarpus costatus</i>		
118.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula septicollaris</i>	N/A	N/A	N/A	[167]
119.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula sexlocularis</i>	On bark	Chiang Dao Wildlife Sanctuary, heavily disturbed forest, Mixed deciduous forest, Montane oak forest, Teak plantation, Wat Palad	Chiang Mai, Lampang, Uthai Thani	[67, 169]
120.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula</i> sp.	On bark	Khao Yai National Park	Chiang Mai, Nakhon, Nakhon Ratchasima, Nayok, Prachinburi, Saraburi	[66]
121.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula subcongruens</i>	On bark	Forest	Central Gulf of Thailand, Upper-Central Andaman	[158]
122.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula subferruginea</i>	On bark, on bark in a mixed evergreen deciduous forest	Doi Chiang Dao Wildlife Sanctuary, Queen Sirikit Botanical Garden	Chiang Mai	[67]
123.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula submarginata</i>	On bark	Forest	Central Gulf of Thailand	[158]
124.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula subnitida</i>	On bark	Forest	Andaman Sea	[158]
125.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula thailandica</i>	On bark	Forest	Upper-Central Andaman, Upper Gulf of Thailand	[158, 167]
126.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula thelemorpha</i>	On bark	Forest	Andaman Sea	[158]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
127.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula velata</i>	On bark	Forest	Central Gulf of Thailand	[158]
128.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrenula wilmsiana</i>	On bark	Forest	Upper Gulf of Thailand	[158]
129.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrgillus indicus</i>	N/A	N/A	N/A	[159, 170, 171]
130.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Pyrgillus javanicus</i>	On bark	Khao Yai National Park	Chiang Mai, Nakhon, Nakhon Ratchasima, Nayok, Prachinburi, Saraburi	[66, 159, 170, 171]
131.	<i>Pyrenulales</i>	<i>Pyrenulaceae</i>	<i>Sulcopyrenula subglobosa</i>	On bark	Forest	Upper Gulf of Thailand	[158]
132.	<i>Verrucariales</i>	<i>Microtheliopsidaceae</i>	<i>Microtheliopsis</i> sp.	N/A	Coastal zone	Islands of Thailand	[172]
133.	<i>Verrucariales</i>	<i>Microtheliopsidaceae</i>	<i>Microtheliopsis uleana</i>	On bark	Khao Yai National Park	Chiang Mai, Nakhon, Nakhon Ratchasima, Nayok, Prachinburi, Saraburi	[66, 159]
134.	<i>Verrucariales</i>	<i>Verrucariaceae</i>	<i>Agonimia pacifica</i>	On soil, on bark	Waterfall, Wildlife Sanctuary	Chiang Mai, Uthai Thani	[67]
135.	<i>Verrucariales</i>	<i>Verrucariaceae</i>	<i>Agonimia tristicula</i>	On bark, On <i>Castanopsis</i> bark	Mushroom Research Centre, Montane oak forest	Chiang Mai	[67]
136.	<i>Verrucariales</i>	<i>Verrucariaceae</i>	<i>Bagliettoa baldensis</i>	On limestone	Chiang Dao Wildlife Sanctuary	Chiang Mai	[67]
137.	<i>Verrucariales</i>	<i>Verrucariaceae</i>	<i>Endocarpon adscendens</i>	On rock	Khao Yai National Park	Nakhon, Nakhon Ratchasima, Nayok, Prachinburi, Saraburi	[66]
138.	<i>Verrucariales</i>	<i>Verrucariaceae</i>	<i>Endocarpon pallidulum</i>	On wall	City	Chiang Mai	[67]
139.	<i>Verrucariales</i>	<i>Verrucariaceae</i>	<i>Flakea papillata</i>	On <i>Fagaceae</i> bark	Doi Suthep-Pui National Park, ridge	Chiang Mai	[67]
140.	<i>Verrucariales</i>	<i>Verrucariaceae</i>	<i>Normandina pulchella</i>	On bark	Khao Yai National Park, Montane oak forest, Montane	Chiang Mai, Nakhon, Nakhon Ratchasima,	[66, 67, 173]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
					rain forest, Old mossy tree	Nayok, Prachinburi, Saraburi	
141.	Verrucariales	Verrucariaceae	<i>Phylloblastia mucronata</i>	N/A	N/A	N/A	[153]
142.	Verrucariales	Verrucariaceae	<i>Placidiopsis ananasi</i>	on dead leaves of <i>Ananas comosus</i> (<i>Bromeliaceae</i>)	N/A	Chiang Rai	[174]
143.	Verrucariales	Verrucariaceae	<i>Psoroglaena cubensis</i>	On <i>Manglietia garrettii</i> (<i>Magnoliaceae</i>)	Forest	Chiang Mai	[67]
144.	Verrucariales	Verrucariaceae	<i>Verrucaria muralis</i>	On brick	City wall	Chiang Mai	[67]
145.	Verrucariales	Verrucariaceae	<i>Verrucaria</i> sp.	N/A	Coastal zone	Islands of Thailand	[158]
Subclass: <i>Coryneliomycetidae</i> : No species recorded							
Subclass: <i>Eurotiomycetidae</i> (192)							
146.	Eurotiales	Aspergillaceae	<i>Aspergillus aculeatinus</i>	Dried coffee bean of <i>Coffea arabica</i> and <i>Coffea canephora</i> (<i>Rubiaceae</i>), Dwelling on the 19th century Lanna mural paintings	N/A	Chiang Mai, Chumphon	[79, 175, 176]
147.	Eurotiales	Aspergillaceae	<i>Aspergillus aculeatus</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i> - <i>Euphorbiaceae</i>)	Rubber plantation	Nakhon Si Thammarat	[123]
148.	Eurotiales	Aspergillaceae	<i>Aspergillus alliaceus</i>	<i>Oryza sativa</i> (<i>Poaceae</i>)	Unpolished rice grains	N/A	[177]
149.	Eurotiales	Aspergillaceae	<i>Aspergillus amstelodami</i>	Barking deer dung, Dung, Elephant dung, Maize	Commodities, Khao Yai National Park, Phu Luang Wildlife Sanctuary	Bangkok, Central and North-East Thailand	[75, 178, 179]
150.	Eurotiales	Aspergillaceae	<i>Aspergillus atacamensis</i>	House dust	N/A	N/A	[180]
151.	Eurotiales	Aspergillaceae	<i>Aspergillus caespitosus</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i>)	Rubber plantation	Nakhon Si Thammarat	[123]
152.	Eurotiales	Aspergillaceae	<i>Aspergillus bombycis</i>	soil	N/A	Suratthani	[181]
153.	Eurotiales	Aspergillaceae	<i>Aspergillus candidus</i>	Cashew, Dung, Pods of <i>Delonix regia</i> , Peanut, Seed	Commodities, Huay Kha Khang Wildlife Sanctuary	Bangkok	[75, 116, 182, 183]
154.	Eurotiales	Aspergillaceae	<i>Aspergillus carbonarius</i>	<i>Coffea canephora</i> (<i>Rubiaceae</i>), Decaying rubber leaves (<i>Hevea brasiliensis</i>)	Dried coffee bean, Rubber plantation	Chumphon, Songkhla	[123, 175]
155.	Eurotiales	Aspergillaceae	<i>Aspergillus carneus</i>	Peanut	Commodities	Bangkok	[75]
156.	Eurotiales	Aspergillaceae	<i>Aspergillus chevalieri</i>	Cashews, Copra, Dung, Jasmine flower tea and black tea in Doi	Commodities, Pineapples and sugarcane fields	Bangkok, Chiang Rai, Chonburi, Kamphaeng Phet,	[75, 116, 184]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
				Mae Salong market, Peanuts, Soil		Prachinburi, Sa Kaeo	
157.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus clavatus</i>	Maize, Soil	Commodities, Huay Kha Khang Wildlife Sanctuary, Non-agricultural	Bangkok, Si Sa Ket	[75, 183, 185]
158.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus corrugatus</i>	Soil	Pineapples, Sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
159.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus denticulatus</i>	Soil	Pineapples, Sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
160.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus fennelliae</i>	Soil	Pineapples, Sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
161.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus fischeri</i>	Soil, Heat-processed foods	Coastal forest, Hot Spring, Non-agricultural fields,	Buri Ram, Krabi, Mae Hong Son	[116, 184–186]
162.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus fischerianus</i>	Sugarcane Filter bag	Sugar factories	Sa Kaeo	[187]
163.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus flavus</i>	Associated with pineapple, Cashew, Copra, Dead patients body, Decaying rubber leaves (<i>Hevea brasiliensis</i>), Maize, <i>Musa acuminata</i> , Patients, Peanuts, Pods of <i>Delonix regia</i> , Rice stem and leaves, Seeds, Seeds of <i>Pinus kesiya</i> , Soil, Soil from rice field, Sugarcane Filter bag, Sugarcane Filter Cake, Water in solar salterns	Commodities, Doi Suthep Pui National Park, Hot Spring, Human dead body brain, heart, stomach, Khao Nan National Park, King Chulalongkorn Memorial Hospital, Non-agricultural fields, Maize field, Rubber plantation, Soil in rice field, Solar salterns, Sugar factories	Bangkok, Buri Ram, Chachoengsao, Chiang Mai, Chiang Rai, Kanchanaburi, Koh Samui, Krabi, Lop Buri, Nakhon Si Thammarat, Nakhon Ratchasima, Nakhon Sawan, Nan, Pathum Thani, Phetchabun, Phitsanulok, Rayong, Teak Forest- Lampang, Trat, Sa Kaeo,	[75, 80, 81, 116, 123, 185, 187–196]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
						Songkhla, Sukhothai-Kiln Site, Ubon Ratchathani	
164.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus flavus</i>	Associated with Sea cucumber (<i>Holothuria scabra</i>), Dung, Seeds	Huay Kha Khang Wildlife Sanctuary, Sea coastline	Phang Nga	[116, 183, 197]
165.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus foetidus</i>	Dried coffee bean of <i>Coffea arabica</i> , Animal feed, Leaf litter of pine; <i>Pinus caribaea</i> , <i>Pinus elliottii</i>	N/A	Bangkok, Chiang Mai	[175, 176, 198, 199]
166.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus fumigatus</i>	Associated with sea cucumber (<i>Holothuria scabra</i>), Dwelling on the 19th century Lanna mural paintings, Lungs, rain, heart of dead patients body, Patients, Rice stem and leaves, Seeds, Seeds of <i>Eucalyptus deglupta</i> , Soils and agricultural wastes, Soil and water in solar salterns, Sugarcane filter bag, Sugarcane filter cake	Commodities, Hot Spring, Huay Kha Khang Wildlife Sanctuary, King Chulalongkorn Memorial Hospital, Sea coastline, Solar salterns, Soil in rice field, Sugar factories	Bangkok, Buri Ram, Chachoengsao, Chanthaburi, Chiang Mai, Chon Buri, Kanchanaburi, Lop Buri, Mae Hong Son, Nakhon Ratchasima, Pattani, Phang Nga, Phitsanulok, Sa Kaeo, Satun, Rayong	[75, 79, 81, 116, 183, 185, 187, 188, 190, 194–197, 202]
167.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus hansfordii</i>	Rice leaves, Rice stem, Soil	Rice field	Nakhon Si Thammarat	[196]
168.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus insolitus</i>	House dust	N/A	N/A	[180]
169.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus japonicus</i>	Cashew, Decaying rubber leaves (<i>Hevea brasiliensis</i>), Peanut	Commodities, Rubber plantation	Bangkok, Nakhon Si Thammarat, Songkhla	[75, 123]
170.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus kalimae</i>	House dust	N/A	Chumphon	[180]
171.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus keratitidis</i>	House dust	N/A	Songkhla, Surat Thani	[180]
172.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus lacinosus</i>	From a diseased coral (<i>Porites lutea</i>)	Marine	Gulf of Thailand	[186]
173.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus lacinosus</i>	Soil	Pineapples, Sugarcane	Chonburi, Kamphaeng Phet, Prachin Buri, Sa Kaeo	[184]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
174.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus lannaensis</i>	Soil	Longan orchard	Chiang Mai	[73]
175.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus luchuensis</i>	<i>Ceriops tagal (Rhizophoraceae)</i>	Mangrove	Samut Prakan	[200]
176.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus melleus</i>	Dried coffee bean of <i>Coffea arabica</i>	N/A	Chiang Mai	[176]
177.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus multiplicatus</i>	Soil	Agricultural field	Chiang Rai	[185]
178.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus neoflavipes</i>	Cellulose material	N/A	N/A	[201]
179.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus nidulans</i>	Barking deer dung, Seeds, Seeds of <i>Bauhinia</i> sp., Seeds of <i>Cassia bakeriana</i> , Soil	Non-agricultural field, Sugarcane filter bag, Sugar factories, Khao Yai National Park	Chon Buri, Krabi, Nakhon Ratchasima, Rayong, Sa Kaeo	[116, 179, 185, 187, 188, 190, 202]
180.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus niger</i>	Agricultural wastes, Animal feed, Cashews, Copra, <i>Citrus nobilis (Rutaceae)</i> , Dead patients body; brain and heart, Decaying leaves of <i>Dracaena lourieri</i> , Decaying rubber leaves (<i>Hevea brasiliensis</i>), Dried coffee bean of <i>Coffea arabica</i> , <i>Coffea canephora</i> , Dwelling on the 19th century Lanna mural paintings, <i>Enhalus acoroides (Hydrocharitaceae)</i> , Goji berry in Doi Mae Salong market, Green tea in Fah Thai market, Peanuts, Rice stem and leaves, Seeds, Seeds of <i>Pinus caribaea</i> , Seeds of <i>Shorea robusta</i> , Seeds of <i>Xylia xylocarpa</i> var. <i>kerrii</i> , Soil from rice field, Soils, Sugarcane filter bags	Chiang dao National Park, Commodities, Hot spring, Huay Kha Khang Wildlife Sanctuary, King Chulalongkorn Memorial Hospital, Non-agricultural fields, Rubber plantation, Solar salterns, Soil in rice fields, Sugar factories,	Bangkok, Chanthaburi, Chiang Mai, Chon Buri, Chumphon, Kancharaburi, Krabi, Mae Hong Son, Pattani, Nakhon Ratchasima, Rayong, Sa Kaeo, Songkhla	[75, 79, 81, 116, 123, 183, 185, 187, 188, 190, 194, 196, 197, 202–204]
181.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus nishimurae</i>	Soil	Pineapples, Sugarcane	Chonburi, Kamphaeng Phet, Prachin Buri, Sa Kaeo	[184]
182.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus niveus</i>	Peanut	Commodities	Bangkok	[75]
183.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus nomius</i>	Associated with Sea cucumber (<i>Holothuria scabra</i>), Peanut, Soi	Agriculture fields, Commodities, Non-agricultural fields, Sea coastline, Solar salterns	Bangkok, Koh Samui, Nan, Pattani, Phang Nga, Suratthani	[75, 181, 197]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
184.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus noonimiae</i>	House dust	N/A	Songkhla	[180]
185.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus ochraceus</i>	Cashew, Maize, Peanut, Seeds of <i>Pinus kesiya</i>	Commodities	Bangkok	[75, 188, 190]
186.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus padwickii</i>	Rice grains and leaves	Rice field	Nakhon Si Thammarat	[196]
187.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus parasiticus</i>	Dead tissues of <i>Pandanus odoratissimus</i> , Decaying leaves of <i>Dracaena lourieri</i> , Decaying rubber leaves (<i>Hevea brasiliensis</i>), Peanuts, Soi	Agriculture fields, Chiang Dao National Park, Commodities, Nang Rum Beach, Non-agricultural fields, Rubber plantation	Bangkok, Chiang Mai, Nan, Pathum Thani, Songkhla, Sukhothai-Kiln Site, Surat Thani, Teak Forest-Lampang, Ubon Ratchathani	[75, 123, 203]
188.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus penicillioides</i>	<i>Enhalus acoroides</i> leaves	N/A	Taen Island, Southern Thailand	[205]
189.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus piperis</i>	Dwelling on the 19th century Lanna mural paintings	N/A	Chiang Mai	[79]
190.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus pisci</i>	House dust	N/A	N/A	[180]
191.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus pseudoglaucus</i>	On a fruiting body of <i>Helvella</i> sp.	Mae Fah Luang University	Chiang Rai	[206]
192.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus pseudotamarii</i>	Soil	Agriculture fields, Khao Yai national park, Koh Samui, Non-agricultural fields, Teak Forest	Lampang, Nakhon Nayok, Nakhon Ratchasima, Prachinburi, Saraburi, Sukhothai, Surat Thani	[75]
193.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus pulverulentus</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i>)	Rubber plantation	Songkhla	[123]
194.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus puniceus</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i>), Dung	Huay Kha Khang Wildlife Sanctuary, Rubber plantation	Songkhla	[123, 183]
195.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus quadricinctus</i>	Soil	Non-agricultural	Krabi	[185]
196.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus quadrilineatus</i>	On <i>Phlebopus spongiosus</i> , Sugarcane filter bag	Cultivated in soil, Sugar factories	Chiang Rai, Sa Kaeo	[187, 207]
197.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus repens</i>	Maize, Peanut	Commodities	Bangkok	[75]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
198.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus restrictus</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i>), Seeds of <i>Bauhinia</i> sp., Seeds of <i>Cassia bakeriana</i> , Seeds of <i>Holarrhena antidysenterica</i> , Seeds of <i>Lagerstroemia calyculata</i>	Rubber plantation	Nakhon Si Thammarat, Songkhla	[123, 188, 190]
199.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus ruber</i>	Peanuts	Commodities	Bangkok	[75]
200.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus sclerotiicarbonarius</i>	<i>Coffea canephora</i>	Dried coffee bean	Chumphon	[175]
201.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus sclerotiorum</i>	Soil, <i>Coffea arabica</i> , Decaying rubber leaves (<i>Hevea brasiliensis</i>)	Dried coffee bean, Rubber plantation	Chiang Mai, Nakhon Si Thammarat, Suratthani	[123, 176]
202.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus siamensis</i>	Soil	Pineapples, Sugarcane, Coastal Forest in Samaesarn Island	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[181, 184, 186]
203.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus</i> sp.	Agricultural wastes, Air, Decaying rubber leaves (<i>Hevea brasiliensis</i>), Dung, On decaying tissues of <i>Pandanus odoratissimus</i> , Organic debris, <i>Pandanus penetrans</i> leaves, Patients, Rock, Sediment, Seeds, Soil, <i>Sorghum vulgare</i> , Water	Agricultural and non-agricultural fields, Animal dung from dry dipterocarp, mixed deciduous, dry evergreen forest, Buildings, Cities, Dung, Huay Kha Khang Wildlife Sanctuary, Karst caves (Stegodon Cave and Phu Pha Phet cave), Mangrove soil, Nang Rum Beach, Organic debris, Rhizosphere soil of terrestrial orchid,	Bangkok, Chachoengsao, Chiang Mai, Chon Buri, Krabi, Pattani, Phitsanulok, Rayong, Satun, Suphan Buri, Trat	[77, 80, 81, 85, 116, 123, 183, 185, 195, 197, 202, 203, 208–213]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
					Soil, Solar salterns, Stream water		
204.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus spathulatus</i>	Soil	Pineapples, sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
205.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus spinosus</i>	Soil	Pineapples, sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
206.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus stellatus</i>	Agricultural wastes, Soils, Seeds, Seeds of <i>Pinus kesiya</i> , Seeds of <i>Xylia xylocarpa</i> var. <i>kerrii</i>	N/A	Chanthaburi, Chon Buri, Nakhon Ratchasima, Rayong	[116, 188, 190, 202]
207.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus steynii</i>	Dried coffee bean of <i>Coffea arabica</i>	N/A	Chiang Mai	[176]
208.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus subalbidus</i>	Soil	Solar salterns	Pattani	[197]
209.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus sydowii</i>	Cashew, Decaying rubber leaves (<i>Hevea brasiliensis</i>), Pods of <i>Delonix regia</i>	Commodities, Rubber plantation	Bangkok, Nakhon Si Thammarat, Songkhla	[75, 123, 188, 190]
210.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus tamarii</i>	Cashew, Maize, Peanut, Seeds of <i>Cassia floribunda</i> , Seeds of <i>Leucaena leucocephala</i> , Soil	Commodities, Rubber plantation routinely applied paraquat for weed control	Bangkok, Phayao	[75, 188, 190, 214]
211.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus terreus</i>	Associated with Sea cucumber (<i>Holothuria scabra</i>), Decaying rubber leaves (<i>Hevea brasiliensis</i>), Seeds, Seeds of <i>Acacia auriculiformis</i> , Seeds of <i>Bauhinia</i> sp., Seeds of <i>Bombax anceps</i> , Seeds of <i>Cassia siamea</i> , Soils and agricultural wastes, Soil and water in solar salterns, Sugarcane filter cake	Rubber plantation, Sea coastline, Solar saltern, Sugar factories	Chachoengsao, Chon Buri, Nakhon Ratchasima, Phang Nga, Phitsanulok, Rayong, Sa Kaeo, Satun, Songkhla,	[116, 123, 187, 188, 190, 195, 197, 202, 215, 216]
212.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus thailandensis</i>	House dust	N/A	Surat Thani	[180, 217]
213.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus tsunodae</i>	Marine sponge <i>Aka coralliphaga</i>	Coral reef	Phang Nga	[186]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
214.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus tubingensis</i>	Dried coffee bean of <i>Coffea arabica</i> , <i>Coffea canephora</i> , Sugarcane filter cake	Sugar factories	Chiang Mai, Chumphon, Sa Kaeo	[175, 176, 187]
215.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus unguis</i>	Soil, Associated with Sea cucumber (<i>Holothuria scabra</i>)	Sea coastline	Phang Ng, Suratthani	[123, 197]
216.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus waynelawii</i>	House dust	N/A	Bangkok	[180]
217.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus wentii</i>	Cashew, Maize, Peanut	Commodities	Bangkok	[75]
218.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus westerdijkiae</i>	Dried coffee bean of <i>Coffea arabica</i> , <i>Coffea canephora</i>	N/A	Chiang Mai, Chumphon	[176]
219.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Aspergillus whitfieldii</i>	House dust	N/A	Chumphon, Songkhla, Surat Thani	[180]
220.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Emericella versicolor</i> (<i>Aspergillus versicolor</i> like)	Soil and water in solar salterns	Solar salterns	Chachoengsao	[195]
221.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Hamigera avellanea</i>	Barking deer dung, Elephant dung, Marine sponge-derived fungus (<i>Mycala</i> sp.), Soil	Khao Yai National Park, Marine, Phu Luang Wildlife Sanctuary, Terrestrial	Chiang Mai, Chonburi (Gulf of Thailand)	[179, 218, 219]
222.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Hamigera pallida</i>	Soil	Pineapples, Sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
223.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Hamigera</i> sp.	Dung, Soils and agricultural wastes,	Rhizosphere soil of terrestrial orchid, Soil	Chanthaburi, Chiang Mai, Chon Buri, Nakhon Ratchasima, Phitsanulok	[183, 202, 211]
224.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Monascus kaoliang</i>	Fermented rice	N/A	N/A	[220, 221]
225.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Monascus purpureus</i>	Fermented rice and Sufu	N/A	N/A	[222–224]
226.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Monascus</i> sp.	N/A	N/A	N/A	[224]
227.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium aculeatum</i>	Soil	N/A	Suratthani	[181]
228.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium aethiopicum</i>	Cashew, Peanut	Commodities	Bangkok	[75]
229.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium alutaceum</i>	Soil	Pineapples, Sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
230.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium aurantiogriseum</i>	Cashew, Paddy rice, Peanut	Commodities, Rice field	Bangkok, Phatthalung	[75, 225]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
231.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium austrocalifornicum</i>	Soil	Forest, Non-agricultural field	Chiang Mai, Mae Hong Son, Nong Khai, Nakhon Pathom	[226–228]
232.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium brevicompactum</i>	Cashew, Peanut	Commodities	Bangkok	[75]
233.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium chrysogenum</i>	Cashew, Decaying rubber leaves (<i>Hevea brasiliensis</i>), On <i>Pandanus penetrans</i> leaves	Commodities, Rubber plantation	Bangkok, Chiang Mai, Nakhon Si Thammarat, Songkhla	[75, 123, 203]
234.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium citreonigrum</i>	<i>Oryza sativa</i> P	On milled <i>Oryza sativa</i>	N/A	[26]
235.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium citrinum</i>	Associated with Sea cucumber (<i>Holothuria scabra</i>), Cashew, On the 19th century Lanna mural paintings, Milled rice, Paddy rice, Peanuts, Soil, Sugarcane Filter bag	Commodities, Rice field, Sea coastline, Solar salterns, Sugar factories,	Bangkok, Chiang Mai, Lop Buri, Pattani, Phang Nga, Phatthalung	[75, 79, 187, 197, 225, 229]
236.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium crustaceum</i>	Rhizomes of <i>Amomum siamense</i>	N/A	Chiang Mai	[230]
237.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium copticola</i>	Soil	N/A	Suratthani	[181]
238.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium decumbens</i>	Soil	Solar salterns	Chachoengsao	[216]
239.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium dierckxii</i>	Cashew	Commodities	Bangkok	[75]
240.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium digitatum</i>	Soil	Rice field	Nakhon Si Thammarat	[196]
241.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium expansum</i>	Peanut	Commodities	Bangkok	[75]
242.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium glabrum</i>	Maize, Peanut, Sugarcane Filter bag	Commodities, Sugar factories	Bangkok, Lop Buri	[75, 187]
243.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium griseofulvum</i>	Peanut, Soil	Commodities, Solar salterns	Bangkok, Pattani	[75, 197]
244.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium hetheringtonii</i>	Dwelling on the 19th century Lanna mural paintings	N/A	Chiang Mai	[79]
245.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium herquei</i>	Soil	N/A	Suratthani	[181]
246.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium hirsutum</i>	On bulbs of elephant garlic (<i>A. ampeloprasum</i> var. <i>ampeloprasum</i>)	N/A	Chiang Mai	[231]
247.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium implicatum</i>	Cashew	Commodities	Bangkok	[75]
248.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium imranianum</i>	From a man-made solar saltern	Hypersaline	Phetchaburi	[232]
249.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium javanicum</i>	soil	Hot Spring, Non-agricultural fields,	Chonburi, Kamphaeng Phet,	[116, 184, 185]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
					Pineapples and sugarcane	Krabi, Mae Hong Son, Prachinburi, Sa Kaeo, Si Sa Ket, Trat	
250.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium lehmanii</i>	Soil	Garden, Paddy field	N/A	[226, 233]
251.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium menonorum</i>	Soil	Pineapples and sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
252.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium miczynskii</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i>), In <i>Cinnamomum bejolghota</i>	Doi Suthep Pui Peak, Medicinal Plant Garden, Monthatharn waterfall, Rubber plantation	Songkhla	[123, 234]
253.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium olsonii</i>	Cashew, Maize, Peanut,	Commodities	Bangkok	[75]
254.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium osmophilum</i>	Dung	N/A	Central and North-East Thailand	[178, 179]
255.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium oxalicum</i>	Associated with Sea cucumber (<i>Holothuria scabra</i>), <i>Cucumis melo</i> , Dwelling on the 19 th -century Lanna mural paintings, Maize, Soil: soil in rice fields	Attached mature muskmelon fruit in polytunnel, Commodities, Rice fields, Sea coastline, Solar salterns, Temple	Bangkok, Chiang Mai, Nakhon Si Thammarat, Pattani, Phang Nga, Songkhla	[75, 79, 196, 197, 229, 235]
256.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium parvum</i>	Barking deer dung, Soil	Hot Spring, Khao Yai National Park, Non-agricultural fields, Phu Luang Wildlife Sanctuary	Kanchanaburi, Krabi, Si Sa Ket	[116]
257.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium paxilli</i>	Peanut	Commodities	Bangkok	[75]
258.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium pimiteouiense</i>	Soil	N/A	Suratthani	[181]
259.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium raistrickii</i>	Maize	Commodities	Bangkok	[75]
260.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium rolfsii</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i>)	Rubber plantation	Songkhla	[123]
261.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium rubidurum</i>	Soil	Pineapples and sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
262.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium setosum</i>	Soil	Pineapples and sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
263.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium sclerotium</i>	Soil	N/A	Suratthani	[181]
264.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium siamense</i>	Soil	Forest	Northern	[236]
265.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium simplicissimum</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i>), Peanut, Soil	Commodities, Rice field, Rubber plantation	Bangkok, Nakhon Si Thammarat	[75, 123, 196]
266.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium simplicissimum</i>	Cashew	Commodities	Bangkok	[75]
267.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium solitum</i>	Cashew	Commodities	Bangkok	[75, 116, 212]
268.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium</i> sp.	Agricultural wastes, Air, Animal dung from dry dipterocarp, mixed deciduous, dry evergreen forests, Barking deer dung, Buffalo dung, Decaying rubber leaves (<i>Hevea brasiliensis</i>), Dung, Leaf litter of pine: <i>Pinus merkusii</i> , <i>Pinus elliottii</i> , <i>Pinus caribaea</i> , Mangrove soil, Organic debris, Rice stem, Rock, Seed, Soil in rice field, Soil, Stream water, Soil/sediment and organic debris, Water	Building air, Cities, Huay Kha Khang Wildlife Sanctuary, Karst caves (Stegodon Cave and Phu Pha Phet), Khao Yai National Park, Leaf litter of pine, Melon planting area, Non-agricultural fields, Phu Luang Wildlife Sanctuary, Rhizosphere soil of terrestrial orchid, Rubber plantation, Rubber plantation routinely applied paraquat for weed control, Solar salterns	Bangkok, Central and North-East, Chiang Mai, Chon Buri, Nakhon Ratchasima, Nakhon Si Thammarat, Pattani, Phitsanulok, Rayong, Satun, Si Sa Ket, Songkhla, Suphanburi, Suratthani, Trat	[77, 80, 85, 123, 178, 179, 181, 183, 185, 196–198, 202, 208, 210, 211, 213, 214, 237]
269.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium thailandense</i>	Soil	Deciduous dipterocarp forest	Lamphun	[238]
270.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium thomi</i>	Peanut	Commodities	Bangkok	[75]
271.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium variabile</i>	Maize	Commodities	Bangkok	[75]
272.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium vulpinum</i>	Dung	N/A	N/A	[191]
273.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Penicillium waksmanii</i>	Peanut	Commodities	Bangkok	[75]
274.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Pseudohamigera striata</i>	Soil	Forest, Garden, Paddy field	Bangkok, Chiang Mai, Chiang Rai,	[226, 233]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
						Chon Buri, Krabi, Mae Hong Son, Nakhon Ratchasima, Nakhon Si Thammarat, Phang Nga, Sakon Nakhon, Samut Songkhram, Sing Buri, Suphan Buri	
275.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Rasamsonia byssochlamydoides</i>	Soil	Agricultural field, Erawan National Park, Mangrove	Kanchanaburi, Phang Nga, Prachuap Khiri Khan, Ranong	[122, 226, 239], [240]
276.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Rasamsonia emersonii</i>	Soil	Agricultural soil	Chachoengsao, Prachuap Khiri Khan	[226, 239, 241]
277.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Rasamsonia pulvericola</i>	Settled dust	Residence	Songkhla	[241]
278.	<i>Eurotiales</i>	<i>Aspergillaceae</i>	<i>Sagenomella striatispora</i>	Fallen leaves of <i>Ficus</i>	N/A	Chiang Mai	[242]
279.	<i>Eurotiales</i>	<i>Thermoascaceae</i>	<i>Paecilomyces fulvus</i>	Soil, Termite mound	Forest soil, Non-agricultural, Termite mounds	Chiang Mai, Mae Hong Son, Saraburi, Trat, Ubon Ratchathani	[185, 240, 243]
280.	<i>Eurotiales</i>	<i>Thermoascaceae</i>	<i>Paecilomyces niveus</i>	Pineapples and sugarcane, Soil, Soils and agricultural wastes, Termite mound	Hot Spring, Non-agricultural, Pineapples and sugarcane, Termite mound	Chonburi, Kamphaeng Phet, Lop Buri, Mae Hong Son, Nakhon Ratchasima, Prachinburi, Rayong, Sa Kaeo, Sakon Nakhon, Satun, Trat, Ubon Ratchathani	[184, 185, 202, 240]
281.	<i>Eurotiales</i>	<i>Thermoascaceae</i>	<i>Paecilomyces</i> sp.	Patients, Seeds, Soil	N/A	Chiang Mai, Thailand	[80–82, 116]
282.	<i>Eurotiales</i>	<i>Thermoascaceae</i>	<i>Paecilomyces tenuis</i>	<i>Centella asiatica</i> , Thai Herb,	Endophytes	Nakhon Pathom	[244]
283.	<i>Eurotiales</i>	<i>Thermoascaceae</i>	<i>Paecilomyces variotii</i>	Soils and agricultural wastes, Cashew, Sugarcane filter bag, Sugarcane filter cake, Termite mound, Water	Agricultural area, Commodities, Forest and mountainous,	Bangkok, Chanthaburi, Chiang Mai, Chon Buri,	[75, 183, 187, 202, 240, 245, 246]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
					Mixed deciduous forest, National parks and wildlife sanctuaries: Doi Inthanon National Park, Erawan National Park, Khao Yai National Park, Hala Bala Wildlife Sanctuary, Stream water of a teak plantation, Termite nest, Sugar factories	Kanchanaburi, Lop Buri, Nakhon Ratchasima, Saraburi, Uthai Thani	
284.	<i>Eurotiales</i>	<i>Thermoascaceae</i>	<i>Thermoascus aurantiacus</i>	Agricultural wastes, Compost, Debris and straw, Decomposed agricultural and agro-industrial residues, Soil	Compost, Decomposed agricultural and agro-industrial residues	Chon Buri, Chantaburi, Khon Kaen, Nakhon Ratchasima, Phitsanulok, Rayong, Songkhla	[202, 239, 247–249]
285.	<i>Eurotiales</i>	<i>Thermoascaceae</i>	<i>Thermoascus crustaceus</i>	Soil	Khao Yai National Park	Khao Yai National Park	[240]
286.	<i>Eurotiales</i>	<i>Thermoascaceae</i>	<i>Thermoascus</i> sp.	Soil	Cultivated area	Prachuap Khiri Khan	[239]
287.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces spectabilis</i> -like	Sugarcane Filter bag	Sugar factories	Lop Buri	[187]
288.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces bacillisporus</i>	Barking deer dung, Dung, Elephant dung, Soil	Agricultural field, Dungs, Forest, Khao Yai National Park, Termite mounds	Central and North-East Thailand, Chiang Mai, Mae Hong Son, Sakon Nakhon, Sing Buri, Pathum Thani, Uthai Thani	[178, 179, 226, 227, 243, 250]
289.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces brevis</i>	Soil	Pineapples and sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
290.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces brunneus</i>	On rice grains (<i>Oryza sativa</i>)	Storage		[251]
291.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces flavus</i>	Soil, In Cinnamomum bejolghota, barking deer dung,	Agricultural and non-agricultural fields, Agricultural	Ayutthaya, Buri Ram, Chanthaburi,	[122, 179, 185, 202, 226,



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
				rhizomes of Amomum siamense	wastes, Hot Spring, Khao Yai National Park, Mangrove Forest, Medicinal Plant Garden, Monthatharn waterfall, Phu Luang Wildlife Sanctuary, Termite mounds, Garden soil, Paddy soil	Chiang Mai, Chiang Rai, Chon Buri, Krabi, Khon Kaen, Lampang, Loei, Mae Hong Son, Nakhon Phanom, Nakhon Pathom, Nakhon Ratchasima, Nong Kh, Nonthaburi, Phang Nga, Pathum Thani, Phetchabun, Phitsanulok, Ranong, Sakon Nakhon, Sing Buri, Si Sa Ket, Surat Thani, Tak, Trang, Trat	227, 230, 233, 234, 252]
292.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces funiculosus</i>	Cashew, Maize, Peanut, Rice stem, Soil	Rice field, Commodities	Bangkok, Nakhon Si Thammarat	[75, 196]
293.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces helicus</i>	Soil	Agricultural field, Hot springs	Chanthaburi, Mae Hong Son	[185, 228]
294.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces indigoticus</i>	Soil	Forest	Sakon Nakhon	[226–228]
295.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces islandicus</i>	Milled rice, Paddy rice	Rice field	Pattalung	[225]
296.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces liani</i>	Soil	Pineapples and sugarcane field	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	[184]
297.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces luteus</i>	Soil	Hot spring	Mae Hong Son	[226]
298.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces macrosporus</i>	Soil	Agricultural and non-agricultural field, Agricultural wastes, Pineapples and sugarcane fields	Ang Thong, Ayutthaya, Bangkok, Buri Rum, Chiang Mai, Chiang Rai, Chon Buri, Kalasin, Kamphaeng Phet, Khon Kaen, Krabi, Lampang, Loei, Lop Buri, Mae	[184, 202, 226, 227]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
						Hong Son, Nong Khai, Nakhon Pathom, Nakhon Ratchasima, Nakhon Si Thammarat, Nonthaburi, Phang Nga, Phatthalung, Phitsanulok, Prachinburi, Ratchathani, Roi Et, Sa Kaeo, Sakon Nakhon, Saraburi, Satun, Sing Buri, Si Sa Ket, Suphan Buri, Surat Thani, Trang, Trat, Uthai Thani	
299.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces marneffeii</i>	Bamboo rats (<i>Cannomys badius</i> , <i>Rhizomys pruinosus</i>), Dogs, Patients, Soil	Dogs in streets and temple areas of Chiang Mai, Rice, cassava, and sugarcane fields	Bueng Kan, Chaiyaphum, Chiang Mai, Chiang Rai, Kalasin, Khon Kaen, Loei, Maha Sarakham, Mukdahan, Nakhon Ratchasima, Nong Bua Lam Phu, Nong Khai, Roi Et, Sakon Nakhon, Si Sa Ket, Surin, Ubon Ratchathani, Udonthani, Yasothon	[83–85, 96, 97, 100, 253–260]
300.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces minioluteus</i>	Maize	Commodities	Bangkok	[75]
301.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces phupaphetensis</i>	Soil	Phu Pha Phet Cave	Satun	[261]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
302.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces pinophilus</i>	Dwelling on the 19th century Lanna mural paintings, Peanut, Maize	Commodities, Temple	Bangkok, Chiang Mai	[75, 79]
303.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces purpureogenus</i>	Maize	Commodities	Bangkok	[75]
304.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces rotundus</i>	Agricultural soil	Agricultural fields, Dung	Bangkok, Central and North-East Thailand, Chiang Mai, Mae Hong Son, Sing Buri, Suphan Buri, Trat	[178, 227, 228, 247, 250]
305.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces ruber</i>	Decaying rubber leaves (<i>Hevea brasiliensis</i>), Dung, Soil	Rhizosphere soil of terrestrial orchid, Rice field, Rubber plantation	Chiang Mai, Nakhon Si Thammarat, Songkhla	[123, 196, 210, 211]
306.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces rubicundus</i>	Soil	Pineapples, Sugarcane	Chonburi, Kamphaeng Phet, Prachinburi, Sa Kaeo	Maneeboon et al. (2023)
307.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces rugulosus</i>	Cashew	Commodities	Bangkok	[75]
308.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces satunensis</i>	Soil	Phu Pha Phet Cave	Satun	[261]
309.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces</i> sp.	Soil, dung	Forest soil, Garden soil, Huay Kha Khang Wildlife Sanctuary, Rhizosphere soil of terrestrial orchid	Amphur Thong Pa Phum, Bangkok, Chiang Mai, Kancharaburi, Lop Buri, Nakhon Pathom, Nonthaburi, Phang Nga, Trat, Uthai Thani	[183, 211, 226–228, 262]
310.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces stipitatus</i>	Soil	N/A	Ayutthaya, Lampang, Mae Hong Son, Nakhon Pathom, Nakhon Phanom, Nong Khai, Ratchaburi, Sakon Nakhon, Si Sa Ket, Tak, Trang, Uthai Thani	Dethoup et al. (2007)
311.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces thailandensis</i>	Soil	Forest soil	Trat	[228, 263]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
312.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces trachyspermus</i>	Soil	Agricultural wastes, Forest, Hot Spring, Non-agricultural soil, Pineapples, Sugarcane, Termite mound	Bangkok, Buri Ram, Chiang Mai, Chiang Rai, Chonburi, Kalasin, Kamphaeng Phet, Krabi, Loei, Lop Buri, Nakhon Ratchasima, Mae Hong Son, Nonthaburi, Phang Nga, Phetchabun, Prachinburi, Ratchaburi, Rayong, Sa Kaeo, Sakon Nakhon, Saraburi, Trat	[184, 185, 202, 226, 227]
313.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces tratensis</i>	Soil	Forest	Trat	[263]
314.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces verruculosus</i>	<i>Thysanoptera</i> : Thrips	Diseased insects collected from tomato fields and greenhouses	Thailand	[264]
315.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Talaromyces wortmanii</i>	Soil	Forest, Hot Spring, Mangrove Forest, Non-agricultural field, Soils and agricultural wastes, Termite mound	Bangkok, Chiang Mai, Chiang Rai, Chon Buri, Krabi, Lop Buri, Mae Hong Son, Nakhon Pathom, Nakhon Ratchasima, Nonthaburi, Phang Nga, Phitsanulok, Ranong, Ratchaburi, Sing Buri, Suphan Buri, Uthai Thani	[116, 122, 185, 226, 228]
316.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Thermomyces dupontii</i>	Dung, Elephant dung, Soil	Chulabhorn Dam, Soil and debris	Chaiyaphum	[226, 247, 265, 266]
317.	<i>Eurotiales</i>	<i>Trichocomaceae</i>	<i>Thermomyces lanuginosus</i>	Soil	N/A	Thailand	[267–270]
318.	<i>Onygenales</i>	<i>Ajellomycetaceae</i>	<i>Blastomyces dermatitidis</i>	Persian cat	Residence	Bangkok	[63]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
319.	<i>Onygenales</i>	<i>Ajellomycetaceae</i>	<i>Histoplasma capsulatum</i>	HIV infected patients, Soil	Soil contaminated with bat guano, pigeon and chicken droppings	Chiang Mai	[86]
320.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Arthroderma gypseum</i>	Soil	Khao Nan National Park	Nakhon Si Thammarat	[193]
321.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Epidermophyton floccosum</i>	Patients, Thai naval cadets	N/A	Bangkok	[87, 88, 91, 92, 116]
322.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Microsporium audouinii</i>	Patients	N/A	Bangkok	[87, 116]
323.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Microsporium canis</i>	Patients, Cats and Persian cat	Lived together with their household cat, household	Chiang Mai, Bangkok	[63, 116–118]
324.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Microsporium ferrugineum</i>	Handicapped babies	Pak-kred home for mentally and physically handicapped babies	Bangkok	[89, 119]
325.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Microsporium gypseum</i>	Patients, Soil	N/A	Bangkok, Thailand	[87, 88, 116, 120]
326.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Microsporium nanum</i> (= <i>Nannizzia nana</i>)	Traveler	N/A	Two-week-long travel to Thailand	[90]
327.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Microsporium</i> sp.	Air	Cities buildings	Bangkok	[77]
328.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Trichophyton concentricum</i>	Patients	N/A	Bangkok	[87, 116]
329.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Trichophyton interdigitale</i>	Patients	N/A	Bangkok	[95]
330.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Trichophyton mentagrophytes</i>	Patients, Thai naval cadets, German traveler (through Thai female sex workers)	N/A	Bangkok	[87, 88, 91, 93–95, 271, 272]
331.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Trichophyton rubrum</i>	Patients	Siriraj Hospital	Bangkok	[87, 88, 93, 95]
332.	<i>Onygenales</i>	<i>Arthrodermataceae</i>	<i>Trichophyton tonsurans</i>	Patients	N/A	Bangkok	[87, 116, 121]
333.	<i>Onygenales</i>	<i>Ascospaeraceae</i>	<i>Ascospaera apis</i>	<i>Apis cerana</i> , <i>A. mellifera</i> worker bee and larvae	Gut	Chiang Mai, Lamphun, North, central and the south of Thailand, Phetchabun, Phrae	[273–277]
334.	<i>Onygenales</i>	<i>Gymnoascaceae</i>	<i>Gymnoascus reessii</i>	Soil	Forest	Kanchanaburi	[124]
335.	<i>Onygenales</i>	<i>Malbrancheaceae</i>	<i>Malbranchea phuphaphetensis</i>	Soil	Phu Pha Phet Cave	Satun	[278]
336.	<i>Onygenales</i>	<i>Malbrancheaceae</i>	<i>Malbranchea pulchella</i>	Soils and agricultural wastes	N/A	Chon Buri, Nakhon	[202]



No	Order	Family	Species Name	Associated host or substrate	Habitat	Province	Reference
						Ratchasima, Phitsanulok, Satun	
337.	<i>Onygenales</i>	<i>Onygenaceae</i>	<i>Aphanoascus</i> sp.	Soil	Melon planting area	Suphan Buri	[208, 213]
338.	<i>Onygenales</i>	<i>Spiromastigoidaceae</i>	<i>Sigleria carmichaelii</i>	Settled dust	Private residence	Surat Thani	[76]
Subclass: <i>Mycocaliciomycetidae</i> : No species recorded							
Subclass: <i>Sclerococcomycetidae</i> : No species recorded							

Data that are not available are indicated by "N/A".