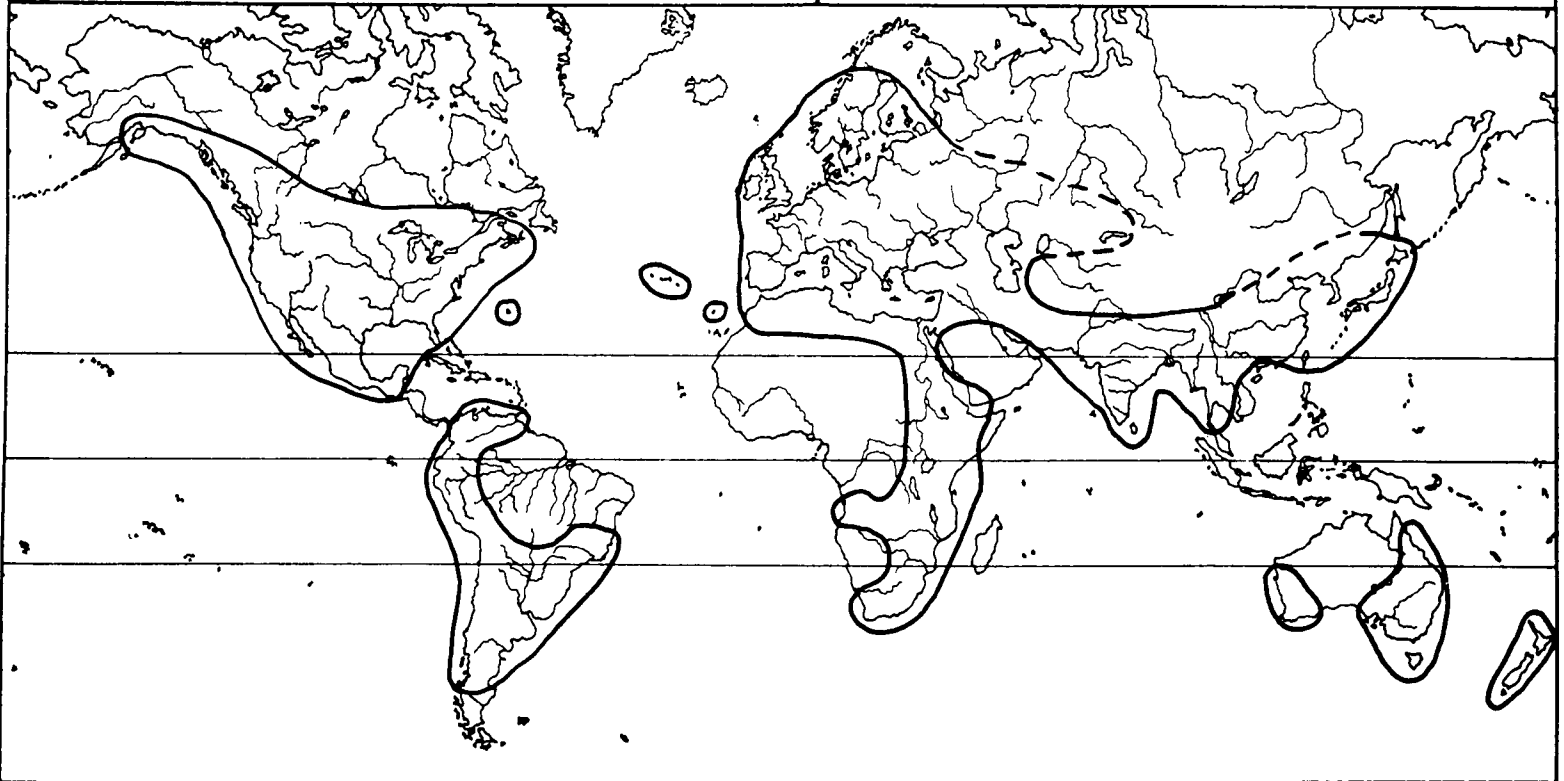


COMMONWEALTH MYCOLOGICAL INSTITUTE

DISTRIBUTION MAPS OF PLANT DISEASES

Map No. 200 Edition 5 Issued 1.iv.1990

Pathogen: *Uromyces viciae-fabae* (Pers.) ShröterHosts: broad bean (*Vicia faba*) and other legumes

AFRICA

- Algeria (Guyot 36, 789)
- Angola (39, 555)
- Egypt (20, 442)
- *Ethiopia (25, 439); Eritrea (Castellani et al. 17, 346)
- *Kenya (Duke 6, 59)
- *Libya (30, 585)
- Madeira (19, 365)
- Malawi (44, 84)
- Morocco (16, 207)
- Mozambique (Carvalho 29, 89)
- South Africa (Doidge et al. 10, 679)
- *Sudan (Bouhey 26, 236)
- *Tanzania (27, 158)
- Tunisia (Guyot 36, 789)
- *Uganda (Hansford 16, 838)
- *Zambia
- Zimbabwe (Hopkins 17, 627)

ASIA

- Afghanistan (20, 234)
- *Bangladesh (44, 2757)
- *Bhutan
- *Burma (4, 260)
- *China (Teng, A Contribution to our knowledge of the higher fungi of China, p. 243, 1939); Zhejiang (Chekiang), Hubei, (Hupeh), Jiangsu (Kiangsu), Sichuan (Szechwan) (Wei et al. 22, 327); Henan (Honan) (Wang 25, 525); Yunnan (Tai 26, 481)
- *Hong Kong (48, 2857)
- *India: general (43, 1863)
- Iran (21, 99)
- *Iraq (47, 3062)
- Israel (26, 110)
- Japan (Shirai et al. 7, 672)
- Korea (20, 426)
- Lebanon (45, 1730)
- *Nepal (47, 1069)
- Pakistan (Ahmad, Fungi of West Pakistan, p. 53, 1956; Ali 39, 658; 44, 2757)

ASIA cont.

- Ryukyu Is. (25, 125)
- Sri Lanka (Petch, Ann. R. bot Gdns Peradeniya 5, 1912)
- Taiwan (Sawada 41, 642)
- Thailand (FAO Report 41, 129)
- *Turkey (27, 114)
- USSR: Azerbaijan, Georgia (27, 709); Armenia (42, 505); Kamtchatka (Jorstad 13, 597); Kazakhstan (45, 2438); Kirgiztan (44, 645); Soviet Far East (Tranzschel 19, 167; 44, 2928); Tomsk (Lavroff 12, 306)
- *Yemen Arab Republic (60, 196)

AUSTRALASIA & OCEANIA

- *Australia: NSW, Qld., SA, WA (24, 129; McAlpine, The Rusts of Australia, 1906; 5, 213; Carne 5, 118); Tas. (White 25, 329); Vic. (54, 5349)
- *New Zealand (Brien 18, 726)

EUROPE

- Austria (Voss, Verh. zool. -bot. Ges., Wien 28, p. 78, 1878)
- *Belgium (Saccardo, Sylloge Fungorum 7, p. 532, 1888)
- Bulgaria (19, 119)
- *Cyprus (11, 695)
- *Czechoslovakia (Pichauer, Act. Soc. sci. nat. Moravia 4, 9, p. 88, 1927)
- Denmark (Lind, Danish fungi, p. 337, 1913)
- *Finland (Liro, Mycotheca fennica 215)
- France (Viennot-Bourgin 28, 472); Corsica (30, 195)
- *Germany (25, 484)
- *Greece (Maire & Politis 27, 95); Crete (50, 1144)
- Hungary (Saccardo, Sylloge Fungorum 7, p. 532, 1888)
- Irish Republic (O'Connor 16, 128)
- *Italy (7, 558); Sardinia (44, 390); Sicily (17, 220)
- *Malta

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EUROPE cont.

- Netherlands (Saccardo, Sylloge Fungorum 7, p. 532, 1888)
Norway (25, 19)
*Poland (Jaczewski, Year-book on the diseases of plants, 5, p. 43, 1910)
Portugal (20, 136); Azores (6, 466)
*Romania (Savulescu, Herb.myc. romanicum, Fasc. i-xxv, p. 45, 1941)
Spain (15, 529)
*Sweden (Hylander, Jorstad & Nannfeldt, Opera Botanika 1, p. 89, 1953)
Switzerland (Jaap, Ann. mycol., Berl. 15, p. 110, 1917)
UK (27, 462; Dennis et al. 21, 439; 13, 680);
*Channel Is. (Philipps 41, 2); *England
*USSR: general (Tranzschel 19, 167; Brundza 42, 308; 42, 505)
Yugoslavia (29, 5)

NORTH AMERICA

- Bermuda (Waterston 28, 198)
*Canada: general (Crowell & Lavallee 22, 74)
Mexico (Chardon & Toro 10, 340)
*USA: general (Arthur, N. Amer. Flora 7, p. 251, 1912; 33, 184); Alaska (33, 184)

CENTRAL AMERICA & WEST INDIES

Guatemala (Cummins 22, 498)

SOUTH AMERICA

- Argentina (Hauman & Parodi 1, 182)
Bolivia (30, 194)
Brazil: Minas Gerais, Parana, Rio Grande do Sul, Sao Paulo (64, 1942)
*Chile (21, 443)
*Colombia (Chardon & Toro 10, 340)
Ecuador (Patouillard et al., Bull. Soc. mycol. France 7, p. 169, 1891)

SOUTH AMERICA cont.

- Peru (23, 316)
Uruguay (de Brotos et al. 35, 751)
Venezuela (18, 141)

Syn. *Uromyces fabae* (Pers.) de Bary

NOTE: See CMI Descript. 60

* Records in Herb. IMI

Numbers in brackets, e.g. (54, 1234) refer to abstracts in Review of Plant Pathology