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## C. Bibliographie.

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## D. Rezensionen — Analyses — Reviews.

**Biology of Pathogenic Fungi**, edited by **W. J. Nickerson**. XVIII + 236 p. Waltham, Mass. The Chronica Botanica Company; Groningen, Holland: N. V. Erven P. Noordhoff. 1947. 5.00 \$.

Den grundlegenden Untersuchungen Sabourauds auf dem Gebiet der pathogenen Pilze folgten fast ausschließlich Arbeiten systematischen und klinischen Inhalts. Lange Zeit schienen die Schwierigkeiten für die nicht einfache Beschreibung und Einordnung dieser Mikroorganismen — die Voraussetzung jeder weiteren Forschung — das Interesse an der Biologie dieser Pilze zu überwuchern. Die mehr als hundert Synonyme für die pathogene Hefe *Candida albicans* sind wohl ein eindrückliches Beispiel für die verworrene Systematik auf diesem Gebiete vor nicht allzu langer Zeit.

Glücklicherweise sind in den letzten 15 Jahren durch die Untersuchungen von Langeron, Emmons und Conant und durch die in Holland ausgearbeitete Hefesystematik die Voraussetzungen für weiteres erfolgreiches, nicht rein deskriptives Arbeiten mit diesen Krankheitserregern geschaffen worden. Das vorliegende Buch erscheint daher gerade zur rechten Zeit. Die in der Literatur weit zerstreuten Arbeiten über die Biologie einiger Erreger von Pilzerkrankungen des Menschen werden von verschiedenen Spezialisten zusammengefaßt:

Über die Biologie der pathogenen Torulopsidoideae (*J. Lodder* und *A. de Minjer*),

Chromoblastomycose und ihre Erreger (*A. L. Carrión* und *M. Silva*),

Biologie von *Pityrosporum ovale* (*R. W. Benham*),

Biologie von *Coccidioides* (*G. W. Emmons*),

Fortschritte der italienischen Schule für Mycopathologie (1941—1945) (*R. Cifferi* und *P. Redaelli*),

Einfluß von Sulfanilamiden und Antibiotica auf pathogene Pilze (*F. T. Wolf*),

Geographische Verbreitung der durch Pilze verursachten Systemerkrankungen (*D. S. Martin*),

Ernährung und Stoffwechsel pathogener Pilze (*W. J. Nickerson* und *J. W. Williams*),

Stoffwechselprodukte pathogener Pilze (*W. J. Nickerson*),

Lipoide pathogener Pilze (*R. L. Peck*),

Atmung und Gärung pathogener Pilze (*W. J. Nickerson*).

Das große Gebiet der pathogenen Pilze und ihre vielseitige Problematik werden von den einzelnen Autoren in den 11 Kapiteln dieses Buches von ver-