

(Ostropales, Ascomycota)

Graphidaceae of THAILAND 4: The genera *Rhabdodiscus* & *Stegobolus*

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Photos by K. Butsatorn-Papong. Produced by K. Butsatorn-Papong, H.T. Lumbsch, R. Lücking. Support from the Thailand Research Fund, C. Keller, A.Mellon Foundation. © K. B. Papong [khwanruan.p@msu.ac.th] Department of Biology, Faculty of Science, Maharakham University, Maha Sarakham Province, 44150 Thailand; H. T. Lumbsch & R. Lücking: Integrative Research Center, Science & Education, The Field Museum, Chicago, IL 60605, USA. Assistance from R. Foster, J. Philipp, & T. Wachter. © Science & Education, The Field Museum, Chicago, USA. [http://fieldmuseum.org/IDtools] [rrc@fieldmuseum.org] **Rapid Color Guide # 547** version 1 10/2013



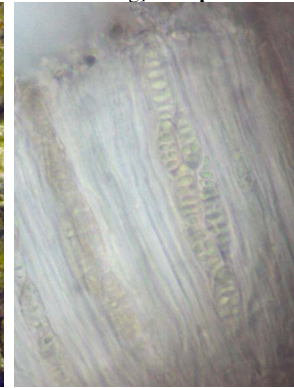
1 *Rhabdodiscus crassus*



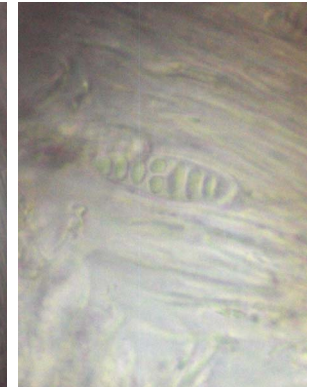
2 *Rhabdodiscus crassus*



3 *Rhabdodiscus crassus*



4 *Rhabdodiscus crassus*  
Asci with ascospores



5 *Rhabdodiscus crassus*  
Submuriform ascospore



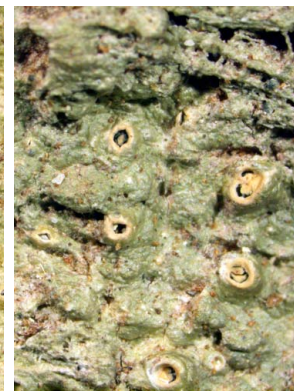
6 *Rhabdodiscus subcavatus*



7 *Rhabdodiscus subcavatus*



8 *Rhabdodiscus subcavatus*



9 *Rhabdodiscus subemersus*



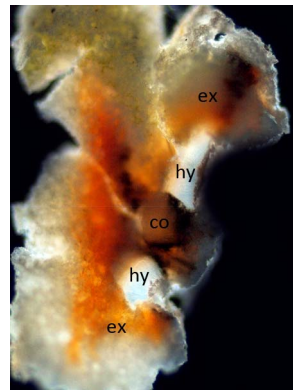
10 *Rhabdodiscus subemersus*



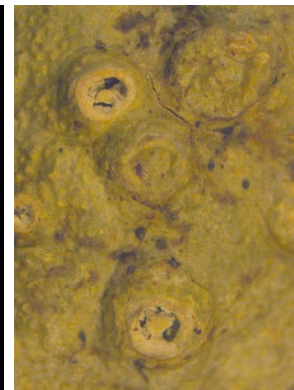
11 *Stegobolus berkeleyanus*



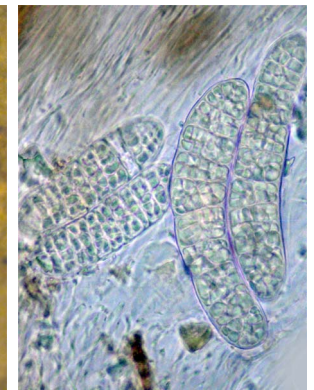
12 *Stegobolus berkeleyanus*



13 *Stegobolus berkeleyanus*  
Cross section through ascoma



14 *Stegobolus kophangangensis*



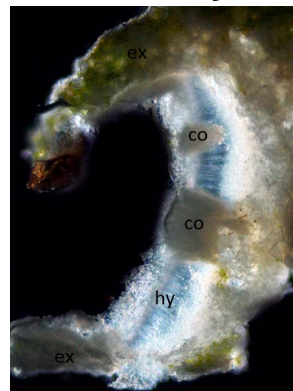
15 *Stegobolus kophangangensis*  
Muriform ascospores



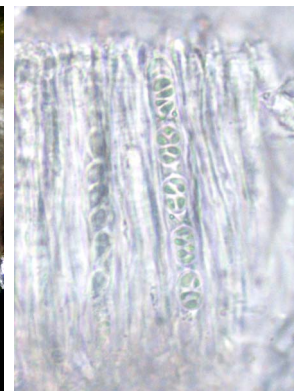
16 *Stegobolus newrightii*



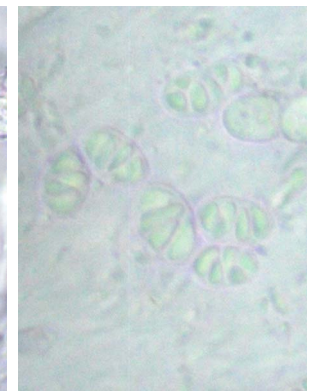
17 *Stegobolus newrightii*



18 *Stegobolus newrightii*  
Cross section through ascoma



19 *Stegobolus newrightii*  
Asci with ascospores



20 *Stegobolus newrightii*  
Submuriform ascospores

co = columella, ex = exciple, hy = hymenium