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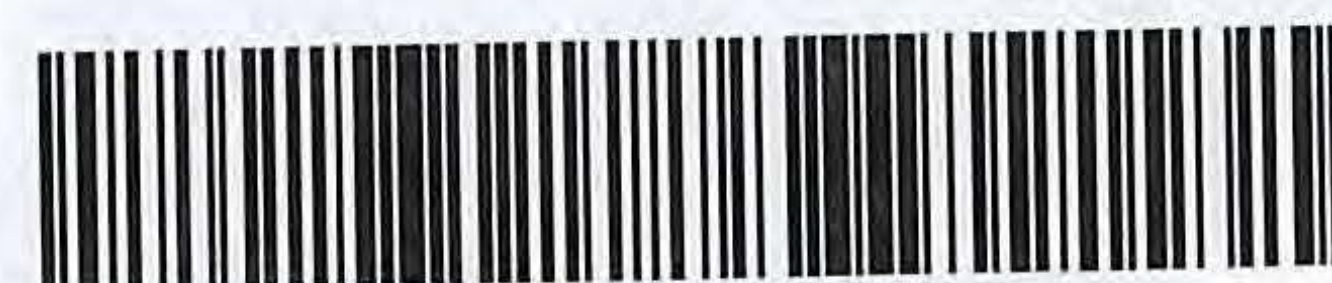
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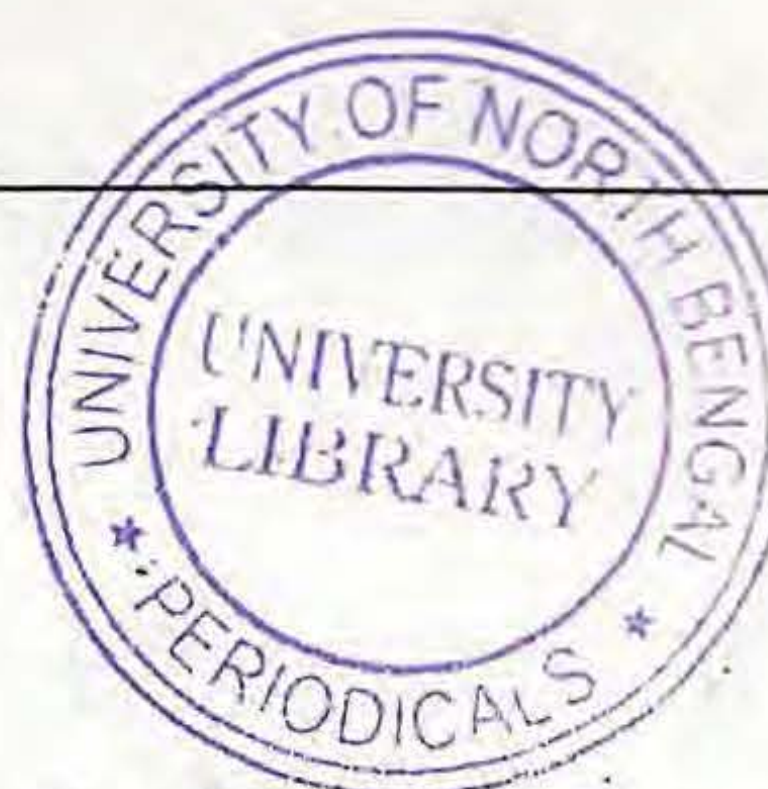
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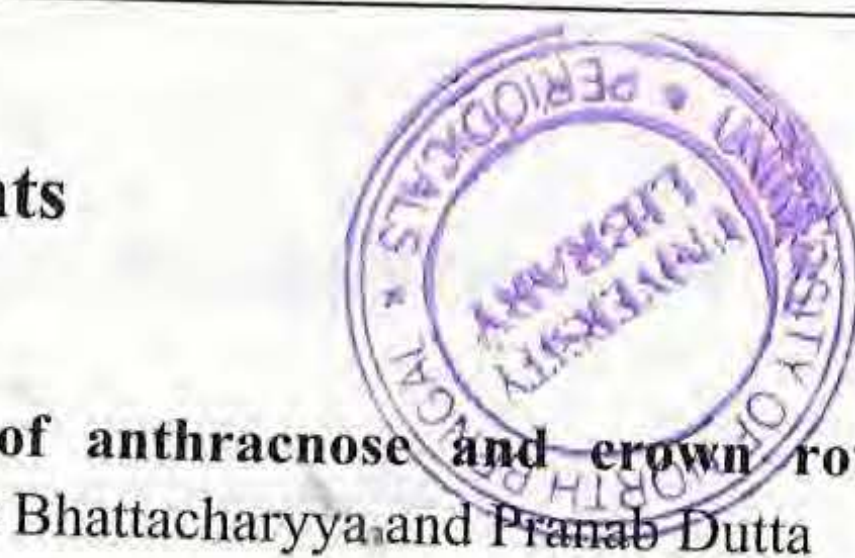
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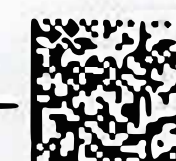
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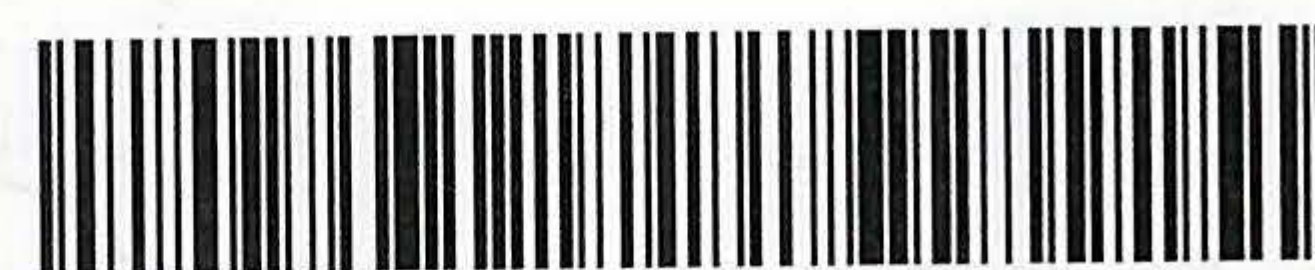
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Cover: Foliar chlorosis (severity increases toward right) and foliar necrosis (severity increases toward bottom) of soybean sudden death syndrome segregated in a bi-parental F_2 population, which enabled linkage mapping to discover a reproducible genomic region, the Rfv13-02 locus, on chromosome 13 of soybean and exemplified the application of precision phenotyping (Chang et al., page 907). Photo credit: Hao-Xun Chang

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Cover: Symptoms of bacterial leaf streak of corn including (clockwise from upper left) early streak lesion development, small spot lesion development, symptom development starting at the base of the plant progressing up resulting in coalescing severe lesions on upper leaves, and bacterial droplet signs of *Xanthomonas vasicola* pv. *vasculorum* from early lesion development. (Ortiz-Castro et al., page 1124). Photo credit: Kirk Broders

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Cover: Hills covered by chestnut (*Castanea sativa*) orchards and coppices. Wounds caused by hailstorms on chestnut shoots and branches (lower panel) served as infection courts for the fungal pathogen *Cryphonectria parasitica*, thereby triggering the outbreak of chestnut blight in turn responsible for severe tree dieback (upper panel) (Lione et al., page 1280). Photo credits: Guglielmo Lione and Paolo Gonthier

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- 1632 **Is Disease Intensity a Good Surrogate for Yield Loss or Toxin Contamination? A Case Study with *Fusarium* Head Blight of Wheat** L. V. Madden and P. A. Paul

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- 1647 **Potato-Infecting *Ralstonia solanacearum* Strains in Iran Expand Knowledge on the Global Diversity of Brown Rot Ecotype of the Pathogen** N. Sedighian, S. M. Taghavi, H. Hamzehzarghani, J. M. van der Wolf, E. Wicker, and E. Osdaghi

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- 1657 **Harnessing *Pseudomonas protegens* to Control Bacterial Panicle Blight of Rice** L. Ortega, K. A. Walker, C. Patrick, Y. Wamishe, A. Rojas, and C. M. Rojas

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- 1721 **Localization of the Stem Rust Resistance Gene *Pg2* to Linkage Group Mrg20 in Cultivated Oat (*Avena sativa*)** A. Z. Kebede, W. A. Bekele, J. W. Mitchell Fetch, A. D. Beattie, S. Chao, N. A. Tinker, T. G. Fetch, and C. A. McCartney
- 1727 **LtEPG1, a Secretory Endopolygalacturonase Protein, Regulates the Virulence of *Lasiodiplodia theobromae* in *Vitis vinifera* and Is Recognized as a Microbe-Associated Molecular Patterns** K. W. Thilini Chethana, J. Peng, X. Li, Q. Xing, M. Liu, W. Zhang, K. D. Hyde, W. Zhao, and J. Yan

Cover: Cacao fruits from a single tree showing advanced symptoms of frosty pod rot caused by *Moniliophthora roreri*. This photo was taken in Tsiasme, a native community in the Cenepa district, Condorcanqui province, department of Amazonas, Peru. The tree is of the native cultivar Cacao Amazonas Peru (Díaz-Valderrama et al., page 1604). Photo credit: Santos T. Leiva-Espinoza

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- 1751** **High-Quality Draft Genome Sequence Resources of Eight *Xylella fastidiosa* Strains Isolated from Citrus, Coffee, Plum, and Hibiscus in South America** P. M. Pierry, W. O. de Santana, J. P. Kitajima, J. Martins-Junior, P. A. Zaini, G. Uceda-Campos, O. R. Feitosa-Junior, P. I. S. Pessoa, H. D. Coletta-Filho, A. A. de Souza, M. A. Machado, A. S. Gesteira, L. F. Martins, M. S. Amaral, F. C. Beckedorff, L. G. P. de Almeida, A. T. R. de Vasconcelos, S. Verjovski-Almeida, J. C. Setubal, and A. M. da Silva
- 1756** **A Genome Resource for the Apple Powdery Mildew Pathogen *Podosphaera leucotricha*** L. Gañán, R. A. White, M. L. Friesen, T. L. Peever, and A. Amiri
- 1759** **Complete Genome Sequence Data of Three *Xylella fastidiosa* subsp. *multiplex* Strains Isolated from Olive Trees in California, U.S.A.** M. L. O'Leary, L. P. Burbank, R. Krugner, and D. C. Stenger

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- 1763** **The Two-Component System DcuS-DcuR Is Involved in Virulence and Stress Tolerance in the Poplar Canker Bacterium *Lonsdalea populi*** Z. Zheng, C. Deng, W. He, W. Qian, and A. Li

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- 1773** **Population Genetic Structure of *Claviceps purpurea* in Cool-Season Grass Seed Crops of Oregon** Q. Cheng, K. E. Frost, and J. K. S. Dung

- 1781** ***Pyrenophora tritici-repentis* Race 4 Isolates Cause Disease on Tetraploid Wheat** J. Guo, G. Shi, A. Kalil, A. Friskop, E. Elias, S. S. Xu, J. D. Faris, and Z. Liu

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- 1802** **Effectiveness of the Wheat Blast Resistance Gene *Rmg8* in Bangladesh Suggested by Distribution of an AVR-*Rmg8* Allele in the *Pyricularia oryzae* Population** J. T. Horo, S. Asuke, T. T. P. Vy, and Y. Tosa

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- 1854** **Statement of Ownership**

Cover: *Botryosphaeria dieback* is a grapevine disease caused by fungi of *Botryosphaeriaceae* species. Among the symptoms is the occurrence of longitudinal orange/brown stripe located in the outer xylem, superficially and just beneath the bark (Lemaitre-Guillier et al., page 1821). Photo credit: Florence Fontaine

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- 1860 **Indicator Species Analysis: A Useful Tool for Plant Disease Studies** P. M. Severns and E. M. Sykes

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- 1897 **A Defect in the Twin-Arginine Translocation Pathway Decreases the Tolerance of *Xanthomonas campestris* pv. *campestris* to Phenazines** J. Wu, X. Pan, S. Xu, Y. Duan, J. Wang, J. Wang, T. Gao, Y. Zhang, and M. Zhou

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- 2003 **Differential Response of *Meloidogyne*, *Pratylenchus*, *Globodera*, and *Xiphinema* Species to the Nematicide Fluazaindolizine** C. L. Wram and I. Zasada

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- 2014 **A Genome Resource of *Setosphaeria turcica*, Causal Agent of Northern Leaf Blight of Maize** Z. Cao, K. Zhang, X. Guo, B. G. Turgeon, and J. Dong

Cover: The infection, colonization, and distribution of *Fusarium fujikuroi* in rice were investigated by microscopy and quantitative PCR analysis. Hand sectioning and trypan blue staining revealed that in a naturally infected symptomatic rice plant at the late tillering stage, *F. fujikuroi* hyphae mainly colonized the xylem vessels, phloem vessels, and air space of vascular bundles in the stem. The vascular colonization pattern was also observed in the roots (Chen et al., page 1934). Photo credit: Chieh-Yi Chen

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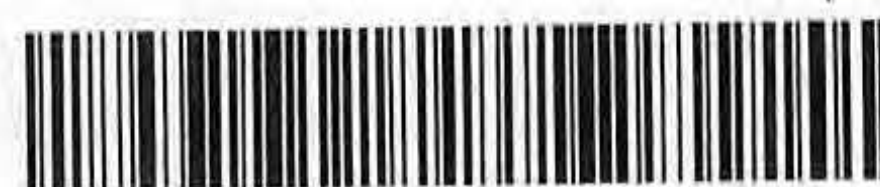


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