UNIVERSITAS GADJAH MADA
IDENTIFIKASI TUMBUHAN BERDASARKAN SISA FITOLIT PADA SEDIMEN DALAM WADAH PERIPIH PERWARA DERET IV NO 83 CANDI SEWU
Nicolas Widodo, Prof. Dr. Anggraeni, M.A.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Acharya, P. K. (1928). Indian architecture according to mānasāra-Śilpaśāstra.

An, X. (2016). "Morphological characteristics of phytoliths from representative conifers in China". *Palaeoworld*, Vol. 25(1), Hlm 116-127. https://doi.org/10.1016/j.palwor.2016.01.002

Anggraeni. (2012). *The austronesian migration hypothesis: as seen from prehistoric settlements on the Karama river, Mamuju, West Sulawesi*. PhD dissertation, The Australian National University.

Anom, IGN. 1997. "*Keterpaduan Aspek Teknis Dan Aspek Keagamaan Dalam Pendirian Candi Periode Jawa Tengah (Studi Kasus Candi Utama Sewu*)." Disertasi Doktoral, Yogyakarta: Universitas Gadjah Mada

Arrozain, M. D., Setiawan, A. D., Widayanti, W. W., & Anggraeni. (*In Press*). "Potensi Perolehan Sisa Pripih Tumbuhan dari Temuan Wadah Pripih di Candi Perwara Situs Candi Sewu".

Balai Pelestarian Kebudayaan Wilayah X. (2024). *Laporan Restorasi Candi Perwara Deret IV No 83 Situs Candi Sewu*. Laporan Restorasi.

Ball, T., Chandler-Ezell, K., Dickau, R., Duncan, N., Hart, T. C., Iriarte, J., Lentfer, C., Logan, A., Lu, H., Madella, M., Pearsall, D. M., Piperno, D. R., Rosen, A. M., Vrydaghs, L., Weisskopf, A., & Zhang, J. (2016). "Phytoliths as a tool for investigations of agricultural origins and dispersals around the world". *Journal of Archaeological Science*, Vol. 68, Hlm 32-45. https://doi.org/10.1016/j.jas.2015.08.010

Cabanes, D., & Shahack-Gross, R. (2015). "Understanding fossil Phytolith preservation: The role of partial dissolution in Paleoecology and archaeology". *PLOS ONE*, Vol. 10(5), e0125532. https://doi.org/10.1371/journal.pone.0125532

Chen, I., Li, K., & Tsang, C. (2020). "Silicified bulliform cells of Poaceae: Morphological characteristics that distinguish subfamilies". *Botanical Studies*, Vol. 61(1). https://doi.org/10.1186/s40529-020-0282-x

Chollet, S. F. (2011). *THE ROLE OF DIATOMS IN THE GLOBAL CARBON CYCLE*. PhD dissertation. University of East Anglia.

Contreras, S. A., & Zucol, A. F. (2019). "Late Quaternary vegetation history based on phytolith records in the eastern chaco (Argentina)". *Quaternary International*, Vol. 505, Hlm. 21-33. https://doi.org/10.1016/j.quaint.2018.03.002

UNIVERSITAS GADJAH MADA
IDENTIFIKASI TUMBUHAN BERDASARKAN SISA FITOLIT PADA SEDIMEN DALAM WADAH PERIPIH PERWARA DERET IV NO 83 CANDI SEWU
Nicolas Widodo, Prof. Dr. Anggraeni, M.A.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Dal Corso, M., Pető, Á., Vrydaghs, L., Albert, R. M., Kirleis, W., Polo-Diaz, A., & Out, W. A. (2025). 'Advances in phytolith research in archaeology and paleoecology: developments and applications". *Vegetation History and Archaeobotany*, Vol. 34(2), Hlm. 153–158. https://doi.org/10.1007/s00334-025-01035-w

Diskominfo Kabupaten Klaten. t.t. "Geografi & Topologi" dalam https://klaten.go.id/profil?menu=geografis. Diakses pada tanggal 2 Juni 2026 19.41 WIB

Doležel, J., Kubaláková, M., Paux, E., Bartoš, J., & Feuillet, C. (2007). "Chromosome-based genomics in the cereals". *Chromosome Research*, Vol. 15(1), Hlm. 51-66. https://doi.org/10.1007/s10577-006-1106-x

Dumarçay, J., & Lordereau, P. (2007). *Candi Sewu and Buddhist architecture of Central Java*. Kepustakaan Populer Gramedia.

Falciatore, A., Jaubert, M., Bouly, J., Bailleul, B., & Mock, T. (2019). "Diatom molecular research comes of age: Model species for studying phytoplankton biology and diversity". *The Plant Cell*, Vol. 32(3), Hlm. 547-572. https://doi.org/10.1105/tpc.19.00158

Griffiths, A. (2020). "The Old Malay Mañjuśrīgṛha inscription from Candi Sewu (Java, Indonesia)". Dalam V. Tournier, V. Eltschinger, & M. Sernesi (Eds.), *Archaeologies of the written: Indian, Tibetan, and Buddhist studies in honour of Cristina Scherrer-Schaub* (Hlm. 225–262). Università degli Studi di Napoli "L'Orientale".

Gu, Y., Zhao, Z., & Pearsall, D. M. (2013). "Phytolith morphology research on wild and domesticated rice species in East Asia". *Quaternary International*, Vol. 287, Hlm. 141-148. https://doi.org/10.1016/j.quaint.2012.02.013

Handley, J., Branch, N., Meddens, F. M., Simmonds, M., & Iriarte, J. (2023). "Pre-Hispanic Terrace agricultural practices and long-distance transfer of plant taxa in the southern-central Peruvian Andes revealed by phytolith and pollen analysis". *Vegetation History and Archaeobotany*, Vol. 33(3), Hlm. 375-391. https://doi.org/10.1007/s00334-023-00946-w

Harvey, E. L., & Fuller, D. Q. (2005). "Investigating crop processing using phytolith analysis: the example of rice and millets". *Journal of Archaeological Science*, Vol. 32(5), Hlm. 739–752. https://doi.org/10.1016/j.jas.2004.12.010

Jattisha, P., & Sabu, M. (2015). "Foliar phytoliths as an aid to the identification of Paniceae (Panicoideae: Poaceae) grasses in South India". *Webbia*, Vol. 70(1), Hlm. 115-131. https://doi.org/10.1080/00837792.2015.1005908

UNIVERSITAS GADJAH MADA
IDENTIFIKASI TUMBUHAN BERDASARKAN SISA FITOLIT PADA SEDIMEN DALAM WADAH PERIPIH PERWARA DERET IV NO 83 CANDI SEWU
Nicolas Widodo, Prof. Dr. Anggraeni, M.A.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Kartakusuma, R. (1999). "Persebaran Prasasti-Prasasti Berbahasa Malayu Kuna Di Pulau Jawa". *Berkala Arkeologi*, Vol. 19(2), Hlm. 39–67. https://doi.org/10.30883/jba.v19i2.822

Kusen, Azzah, Z., & Gutomo. (1993*). Purna pugar Candi Sewu*.

Kusumajaya, I, M. (1988). Periodisasi dan Pentahapan Pembangunan Candi Induk Sewu Berdasarkan Data Teknis dan Arkeologis. Skripsi. Universitas Gadjah Mada. Yogyakarta.

Li, N., Yu, F., Sack, D., Huang, Z., Tian, G., & Liu, S. (2022). "Phytolith assemblages as a promising tool for quantitative canopy coverage reconstruction in subtropical forests, China". *Frontiers in Plant Science*, Vol. 13. https://doi.org/10.3389/fpls.2022.912627

Lisztes-Szabó, Z., Braun, M., Csík, A., & Pető, Á. (2019). "Phytoliths of six Woody species important in the Carpathians: Characteristic phytoliths in Norway spruce needles". *Vegetation History and Archaeobotany*, Vol. 28(6), Hlm. 649-662. https://doi.org/10.1007/s00334-019-00720-x

LISZTES-SZABÓ, Z., KOVÁCS, S., & PETŐ, Á. (2014). "Phytolith analysis of poa pratensis (Poaceae) leaves". *TURKISH JOURNAL OF BOTANY*, Vol. *38*, Hlm. 851-863. https://doi.org/10.3906/bot-1311-8

Liu, H., Meunier, J., Grauby, O., Labille, J., Alexandre, A., & Barboni, D. (2023). "Dissolution does not affect grass phytolith assemblages". *Palaeogeography, Palaeoclimatology, Palaeoecology*, Vol. 610. https://doi.org/10.1016/j.palaeo.2022.111345

Liu, Y., Liu, H., Jie, D., Gao, G., Meng, M., & Zhang, G. (2021). "Phytolith morphotypes of Woody plants and their preservation in soil in the warm temperate humid zones of China". *Quaternary International*, Vol. 599, Hlm. 158-169. https://doi.org/10.1016/j.quaint.2021.03.017

Lopinot, N. (2024). "Studying plant remains from archaeological sites: Just call it archaeobotany". *Southeastern Archaeology*, Vol. 43(4), Hlm. 231-242. https://doi.org/10.1080/0734578x.2025.2477923

Ma, C., Cui, R., Duan, Y., Zhang, N., Liu, Y., Sui, F., Fan, Y., & Lu, X. (2023). "Differences in biodiversity and assembly mechanisms between planktonic and benthic diatom communities in riverine ecosystems: A case study in the Ashi river". *Ecological Indicators*, Vol. 157. https://doi.org/10.1016/j.ecolind.2023.111258

Murdihastomo, A. (2018). "Dua Tipe Ornamentasi Candi Perwara Di Kompleks Candi Sewu". *KALPATARU*, Vol. 27(2), Hlm. 66. https://doi.org/10.24832/kpt.v27i2.462

UNIVERSITAS GADJAH MADA
IDENTIFIKASI TUMBUHAN BERDASARKAN SISA FITOLIT PADA SEDIMEN DALAM WADAH PERIPIH PERWARA DERET IV NO 83 CANDI SEWU
Nicolas Widodo, Prof. Dr. Anggraeni, M.A.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Naskar, M., Ghosh, R., & Bera, S. (2018). "Variability in phytolith spectra of some Panicoid grasses from different soil salinity zones of the deltaic West Bengal, India: Implications in understanding depositional environments". *Botany Letters*, Vol. 165(2), Hlm. 255-264. https://doi.org/10.1080/23818107.2017.1412835

Neumann, K., Strömberg, C. A., Ball, T., Albert, R. M., Vrydaghs, L., & Cummings, L. S. (2019). "International code for Phytolith nomenclature (ICPN) 2.0". *Annals of Botany*, Vol. 124(2), Hlm. 189-199. https://doi.org/10.1093/aob/mcz064

Nightingale, S., Schilt, F., Thompson, J. C., Wright, D. K., Forman, S., Mercader, J., Moss, P., Clarke, S., Itambu, M., Gomani-Chindebvu, E., & Welling, M. (2019). "Late middle Stone Age behavior and environments at Chaminade I (Karonga, Malawi)". *Journal of Paleolithic Archaeology*, Vol. 2(3), Hlm. 258-297. https://doi.org/10.1007/s41982-019-00035-3

Panca Putra, I., Setyastuti, A., Pramumijoyo, S., Indrajaya, A., Sesaria Mochtar, A., & Degroot, V. (2019). "Candi Kimpulan (Central Java, Indonesia): Architecture and consecration rituals of a 9th-Century Hindu temple". *Bulletin de l'Ecole française d'Extrême-Orient*, Vol. 105(1), Hlm. 73-114. https://doi.org/10.3406/befeo.2019.6297

Poliakova, A., Ciotti, G., Helman-Wazny, A., & Fromm, J. (2025). "Phytolith assemblages from palm leaves and palm-leaf manuscripts: What is the difference and what it could mean?". *Frontiers in Plant Science*, Vol. 15. https://doi.org/10.3389/fpls.2024.1482790

Pratama, A. W. (2020). "Perkembangan analisis fitolit dan penerapannya dalam arkeologi Di Indonesia". *Forum Arkeologi*, Vol. 33(2), Hlm. 77. https://doi.org/10.24832/fa.v33i2.680

Romadhani, Ferdian Yusuf. 2012. *Pripih Candi Kimpulan (Tinjauan Jenis Dan penempatannya).* Skripsi Sarjana, Yogyakarta: Universitas Gadjah Mada .

Santiko, H. (2015). "DUA DINASTI DI KERAJAAN MATARĀM KUNA: Tinjauan Prasasti Kalasan". *Jurnal Sejarah dan Budaya*, Vol. 7(2).

Savitri, M., Acri, A., & Noerwidi, S. (2025). "The saiva deities of the directions in the light of two recently discovered consecration deposits (Peripih) from Central Java". *Acta Orientalia Academiae Scientiarum Hungaricae*, Vol. 77(4), Hlm. 567-604. https://doi.org/10.1556/062.2024.00444

Soekmono, R. (1989). "Sekali Lagi : Masalah Pripih". *Proceedings Pertemuan Ilmiah Arkeologi V: Vol. IV*. Studi regional, kajian arkeologi Indonesia, metode dan teori, Hlm. 217-226. Ikatan Ahli Arkeologi Indonesia

UNIVERSITAS GADJAH MADA
IDENTIFIKASI TUMBUHAN BERDASARKAN SISA FITOLIT PADA SEDIMEN DALAM WADAH PERIPIH PERWARA DERET IV NO 83 CANDI SEWU
Nicolas Widodo, Prof. Dr. Anggraeni, M.A.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Soekmono, R. (1974). *Candi, Fungsi dan Pengertiannya*. Disertasi Doktoral, Depok: Universitas Indonesia.

Sparavigna, A. C. (2017). "The Sewu Temple and the zenithal passage of the sun". *PHILICA*. Vol. 970.

Tencariu, F. A., Delhon, C., Vornicu, D. M., Asăndulesei, A., Brașoveanu, C., & Danu, M. (2022). "Science revealing ancient magic: Phytolith evidence from the early chalcolithic site of Isaiia (Eastern Romania)". *Biology*, Vol. 11(8). https://doi.org/10.3390/biology11081102

Turnbull, M., Parker, A. G., & Jankowski, N. R. (2023). "The history of phytolith research in Australasian archaeology and palaeoecology". *Vegetation History and Archaeobotany*, Vol. 32(6), Hlm. 655-677. https://doi.org/10.1007/s00334-023-00922-4

Wang, M., Yang, Q., Yang, W., Shi, L., Zhang, Y., Zhou, Z., Zhang, W., & Zheng, H. (2022). "Surface phytolith and pollen assemblages of a low-latitude subtropical region in Southwest China and their implications for vegetation and climate". *Frontiers in Plant Science*, Vol. 13. https://doi.org/10.3389/fpls.2022.1007612

Wen, C., Lu, H., Zuo, X., & Ge, Y. (2018). "Advance of research on modern soil phytolith". *Science China Earth Sciences*, Vol. 61(9), Hlm. 1169-1182. https://doi.org/10.1007/s11430-017-9220-8

Xu, Y., Shen, C., Wang, M., Meng, H., Sun, Q., Huang, L., & Sun, H. (2024). "Modern lacustrine Phytoliths and their relationships with vegetation and climate in western Yunnan, SW China". *Forests*, Vol. 15(7). https://doi.org/10.3390/f15071163