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| **Citation** | **Taxon coverage** | **Specific taxa** | **Methods** | **Findings** |
| Zavada, M.S. 1983. Comparative morphology of monocot pollen and evolutionary trends of apertures and wall structures. *The Botanical Review* 49: 331–379. | All monocotyledon orders represented | N/A | Lit review | Intra-exinous channels noted as being universal in the Poaceae |
| Linder, H.P., and I.K. Ferguson. 1985. On the pollen morphology and phylogeny of the restionales and poales. *Grana* 24: 65–76. | Orders Restionales and Poales | *Poa praetensis* (Tribe Poeae, Subfam Pooideae) | Lit review, TEM | “In the Poaceae the tectum and foot layer are perforated by intra-exinous channels running parallel and at right angles to the outer surface…” **Note: Channels were visible after acetolysis** |
| Liu, Q., N.X. Zhao, and G. Hao. 2004. Pollen morphology of the Chloridoideae (Gramineae). *Grana* 43: 238–248. | Chloridoideae | 57 species from 42 genera | TEM | Intra-exinous channels are not mentioned, but channels can be observed in some TEM plates. |
| Larson, D.A., J.J. Skvarla, and C.W. Lewis. 1962. An electron microscope study of exine stratification and fine structure. *Pollen et Spores* 4: 233–246. | Multiple monocots and dicots, one Poaceae | *Zea mays* | TEM | Some perforations of the exine are visible, but evidence for channels is inconclusive due to image quality. **Note: pollen acetylated.** |
| Jewell, A.W., B.G. Murray, and B.J. Alloway. 1988. Light and electron microscope studies on pollen development in barley (*Hordeum vulgare* L .) grown under copper-sufficient and deficient conditions. *Plant, Cell and Environment* 11: 273–281. |  | *Hordeum vulgare* | TEM | Channels visible in TEM plates |
| Christensen, J.E., and H.T. Horner. 1974. Pollen pore development and its spatial orientation during microsporogenesis in the grass *Sorghum bicolor*. *American Journal of Botany* 61: 604–623. | *Sorghum bicolor* | *Sorghum bicolor* (Tribe Andropogoneae, Subfam Panicoideae) | TEM | Intra-exinous channels noted in text and visible in TEM plates |
| Diethart, B., S. Sam, and M. Weber. 2007. Walls of allergenic pollen: Special reference to the endexine. *Grana* 46: 164–175. | Allergenic pollen | Secale cereal (Pooideae), Phleum pratense | TEM | Intra-exinous channels noted in text and visible in TEM plates. Also noted and visible in Betula sp. pollen |
| Marquez, J., J.A. Seoane-Camba, and M. Suarez-Cervera. 1997. The role of the intine and cytoplasm in the activation and germination processes of Poaceae pollen grains. *Grana* 36: 328–342. |  | Paspalum dilatatum (Panicoid), Digitaria sanguinalis (Panicoid) and Lolium perenne (Pooideae) |  |  |
| Peltre, G., M.-T. Cerceau-Larrival, M. Hideux, M. Abadie, and B. David (1987), Scanning and transmission electron microscopy related to immunochemical analysis of grass pollen, Grana, 26(2), 158–170, doi:10.1080/00173138709429945. |  | Dactylis (Pooideae, Poeae), Holcus(Pooideae, Aveneae), Agrostis (Pooideae, Poeae), Festuca (Pooideae, Poeae), Lollium (Pooideae, Poeae), Zea (Panicoideae, Andropogoneae) Avena (Pooideae, Poeae) |  | Visible |
| Salgado-Labouriau, M.L., S. Nilsson, and M. Rinaldi. 1993. Exine sculpture in Pariana pollen (Gramineae). *Grana* 32: 243–249. |  | Pariana stenolemma, Phleum pratense |  |  |