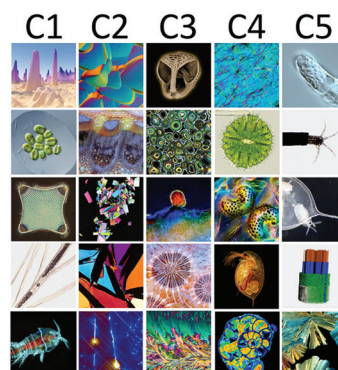


Finalists for the

2021 *Microscopy Today* Micrograph Awards

Competition finalists shown on the cover are identified below. The identities and affiliations of the submitters were not known to the judges. The larger number of Open category finalists reflects the larger number of entries in that category. Prize winners will be named in the *Microscopy Today* section of the awards presentation at the virtual M&M meeting in August. Finalist micrographs may be viewed at the 2021 gallery (see website at the bottom of this page). The microscopy community is encouraged to vote for the People's Choice Award at the same website.



Column 1 (Published category)

- C1-1 Exfoliated WSe₂ flake on silicon nanopillars (atomic force microscopy) by Radek Dao
- C1-2 *Tetraselmis suecica* alga (differential interference contrast light microscopy) by Gerd Günther
- C1-3 *Biddulphia antediluviana* cushion diatom (phase contrast light microscopy) by Elaine Humphrey
- C1-4 Quail feather (light microscopy) by Soho Soliman
- C1-5 Harpacticoid copepod under ultraviolet light (fluorescent microscopy) by Håkan Kvarnström

Columns 2, 3, and 4 (Open category of unpublished micrographs)

- C2-1 Natural diamond crystal (differential interference contrast) by Nathan Renfro
- C2-2 Cross section through a stalk of the plant *Senecio* (polarized light microscopy) by Marek Mis
- C2-3 Hydrothermal synthesis of BaFeSi₄O₁₀ (scanning electron microscopy) by Eric Formo
- C2-4 Graphite intergrown with feldspars (polarized light microscopy) by Bernardo Cesare
- C2-5 Campo del Cielo meteorite (reflected light microscopy) by Gaby Ketzer-Raichle
- C3-1 Sea urchin three-jawed appendage (secondary electron SEM at 15 kV) by Kenneth Bart
- C3-2 Coated grains of aragonite in sedimentary rock (light microscopy) by Bernardo Cesare
- C3-3 Symbiosis between fungi and algae in lichen (dark-field light microscopy) by Patrick Jung
- C3-4 Red fossil corals within agate from the Miocene epoch (light microscopy) by Norm Barker
- C3-5 Mycelium matrix of fungi in a wood-wide web (polarized light microscopy) by Karl Gaff
- C4-1 Sildenafil citrate crystallized from solution (polarized light microscopy) by Bernardo Cesare
- C4-2 Fresh water desmid of the genus *Micrasterias* (light microscopy focus stack) by Michael Much
- C4-3 Tracheal bladders of midge larva of genus *Chaoborus* (light microscopy) by Andrei Savitsky
- C4-4 Water flea (*Daphnia* sp.) with eggs (dark-field and polarized light microscopy) by Marek Mis
- C4-5 Planktonic foraminifera (Mg distribution map by EPMA-WDS) by Anette von Der Handt

Column 5 (Video category)

- C5-1 Cell division in *Tradescantia virginiana* (differential interference contrast) by Gerd Günther
- C5-2 Tube-dwelling amphipod (likely *Cerapus* sp.) in its tube (light microscopy) by Julia Van Etten
- C5-3 *Daphnia pulex* water flea with emerging young (dark-field light microscopy) by Andrei Savitsky
- C5-4 SiC-SiC ceramic composite in 3D (synchrotron X-ray computed tomography) by Aly Badran
- C5-5 Crystallization of taurine (dark-field polarized light microscopy) by José Martinez-López

**Vote for your favorite micrograph
at the 2021 image gallery:**

www.microscopy.org/awards/micrograph_gallery.cfm