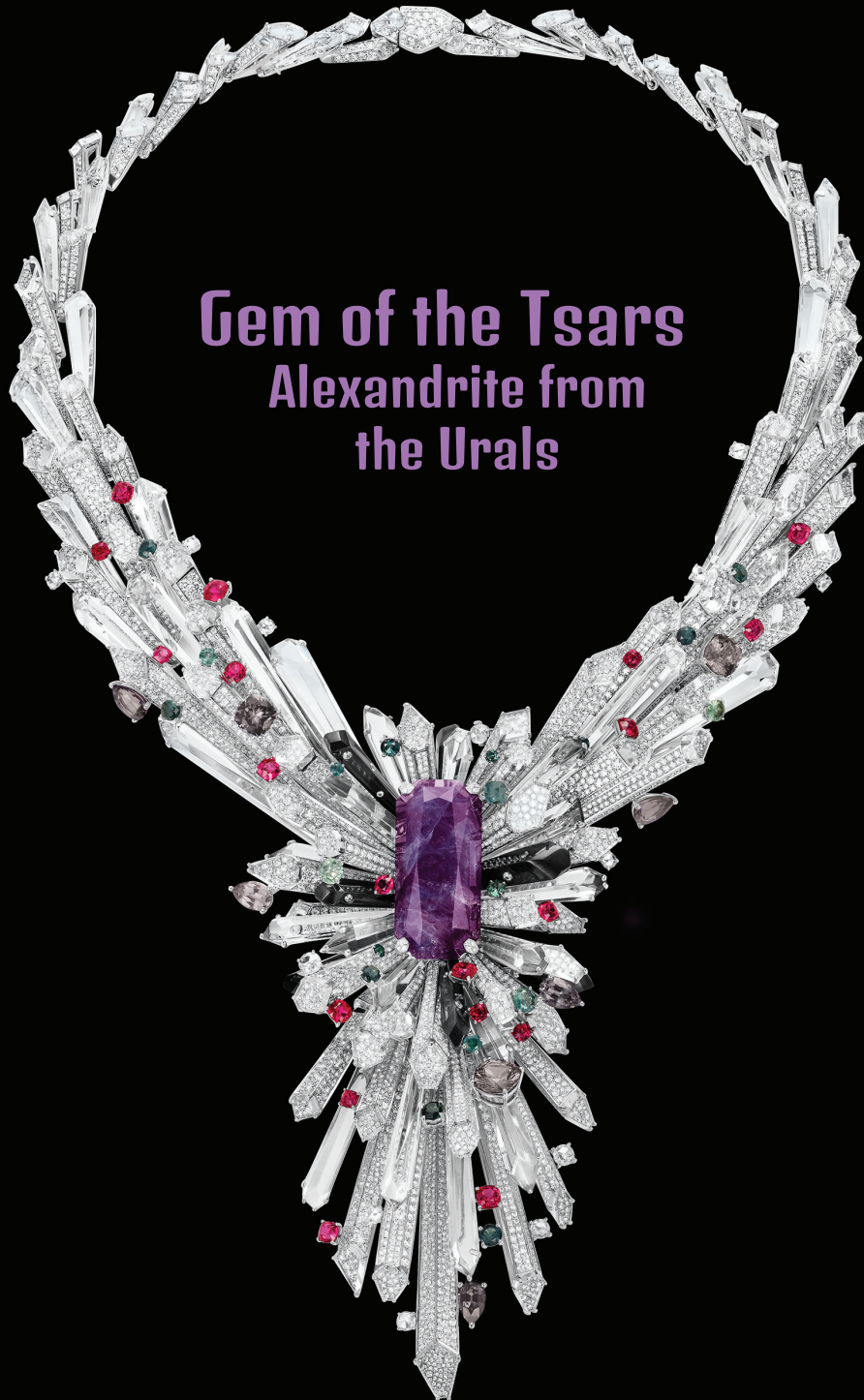


Fall 2019  
Issue 44

# InColor

*All About Colored Gemstones*



**Gem of the Tsars**  
Alexandrite from  
the Urals

# INSIDE OUT

## Gemology Through Lotus-Colored Glasses

Book Review by Jeffery Bergman

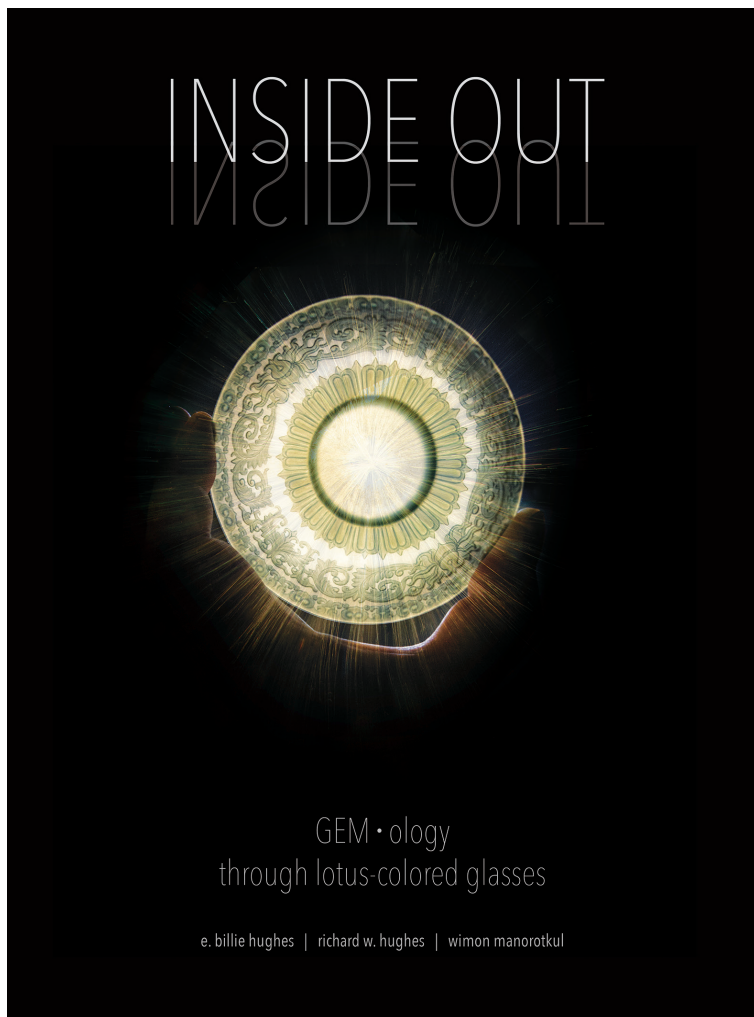
Photomicrographs of gemstone inclusions have literally become a new genre in the world of contemporary art. *Inside Out* takes its readers on a stunning photographic journey personally guided by the multi-award winning Hughes family of gemologists/photographers who have skilfully juxtaposed the fascinating internal world of gems with snapshots of the colorful peoples and cultures surrounding our precious trade.

Musing in the beginning, Italian gemologist Paolo Minieri asks the question “Is it gemology?” Minieri poetically answers, “If we give importance to our emotions that react to both optical phenomena and to the stories of the hard-working people prospecting for, digging and cutting gems—this is gemology in its purest sense.”

Co-author gemologist and photographer Billie Hughes reminds us that “every gem contains the excitement of the miner who discovered it, the place from where it was found and the risk a lapidary took to shape and polish it. And all of this is wrapped up in a bundle of light that will never dim with time. This is our world. An outside and an inside.”

From Tanzania to Tajikistan to Thailand, featuring trapiche, tubes and twinning, Billie, Richard and Wimon lead us on a well-choreographed dance routine revealing surprising similarities between the macro- and micro-worlds of gems.

Ever clamoring for something new, yet rarely sated, I am doubtless that readers both inside and outside of the gem trade will enthusiastically welcome *Inside Out*. Buy it; read it; give it away. I am fully confident you will be satisfied, ingratiated and inspired.



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GEM • ology Through Lotus-Colored Glasses  
**Authors:** E. Billie Hughes, Richard W. Hughes and  
Wimon Manorotkul



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