



# Pearls Bibliography

The list below is a compilation of all items on pearls published in *The Journal of Gemmology* since its beginning in 1947 through 2024. Articles are listed from most recent to oldest.

Articles that are more than approximately two years old are publicly available in the *JoG* archive at <a href="https://gem-a.com/publications/the-journal-of-gemmology-archive">https://gem-a.com/publications/the-journal-of-gemmology</a>. and more recent articles are accessible to Gem-A Members at <a href="https://gem-a.com/publications/the-journal-of-gemmology">https://gem-a.com/publications/the-journal-of-gemmology</a>.

## Surface features and internal structures of non-nacreous pearls from Pinctada maxima (2024)

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#### Gem Notes: Art Nouveau pendant with large blister pearl (2022)

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### Gem Notes: An unusual assembled cultured blister (2021)

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# Gem Notes: Visit to a gold-lipped cultured pearl farm in Myanmar (2021)

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## Gem Notes: Molluscs artificially filled with cultured pearls of various colours (2021)

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#### Saltwater cultured pearls from *Pinctada radiata* in Abu Dhabi (United Arab Emirates) (2020)

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# Renaissance recipes for making artificial pearls by Leonardo da Vinci and others (2019)

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# Gem Notes: Diving for natural pearls off Bahrain: A different type of gemmological sample collection (2019)

By Ali Alatawi, Stefanos Karampelas, Hasan Abdulla, Hisham Alsheari, Mohamed Abdulla and Zakareya Taresh

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#### Gem Notes: A remarkably large natural pearl from Pinctada radiata (2019)

By Ali Alatawi, Stefanos Karampelas, Fatema Almahmood, Fatema Albedal and Hisham Alsheari Volume 36, No. 8, 704–706

#### Gem Notes: Double grafting in peanut-shaped Ming cultured pearls (2019)

By Thanh Nhan Bui, Sophie Leblan and Aurélien Delaunay Volume 36, No. 8, 706–707

### Gem Notes: Cultured abalone pearls from Chile (2019)

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## Gem Notes: Pearls from Tutufa bubo (2019)

By Elisabeth Strack Volume 36, No. 7, 598

## A brief study of three reported 'coconut pearls' from Southeast Asia (2019)

By Henry A. Hänni and Chiara Parenzan

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## An explanation of a specific type of circling as observed on Ming cultured pearls (2018)

By Jean-Pierre Gauthier, Jacques Fereire and Thanh Nhan Bui Volume 36, No. 3, 240–250

# DNA fingerprinting of pearls, corals and ivory: A brief review of applications in gemmology (2018)

By Laurent E. Cartier, Michael S. Krzemnicki, Bertalan Lendvay and Joana B. Meyer Volume 36, No. 2, 152–160

# Neutron radiography and tomography: A new approach to visualize the internal structures of pearls (2018)

By Carina S. Hanser, Michael S. Krzemnicki, Christian Grünzweig, Ralph P. Harti, Benedikt Betz and David Mannes

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## Radiocarbon age dating of 1,000-year-old pearls from the Cirebon shipwreck (Java, Indonesia) (2017)

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## Gem Notes: Black non-nacreous natural pearls from Pteria sp. (2017)

By Stefanos Karampelas and Hasan Abdulla

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# Simultaneous X-radiography, phase-contrast and darkfield imaging to separate natural from cultured pearls (2017)

By Michael S. Krzemnicki, Carina S. Hanser and Vincent Revol

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## Fake pearls made from *Tridacna gigas* shells (2017)

By Michael S. Krzemnicki and Laurent E. Cartier

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By Olivier Segura and Sophie Leblan

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### Gem Notes: A coral branch 'pearl' from a giant clam (2016)

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#### Gem Notes: Natural mussel pearls from the Philippines (2016)

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# Gem Notes: Gem-set cultured pearls (2015)

By Brendan M. Laurs

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#### Gem Notes: Pearl marking: An innovative non-destructive method (2015)

By Olivier Segura

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## European freshwater pearls: Part 1—Russia (2015)

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#### Gem Notes: Aging silver-treated cultured pearl (2014)

By Olivier Segura and Emmanuel Fritsch

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## The 'Sleeping Lion' baroque pearl: An update (2014)

By J.C. (Hanco) Zwaan, Dirk M. van der Marel and Herman A. Dommisse

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## Natural pearls from edible 'true oysters' in Zeeland, The Netherlands (2014)

By J.C. (Hanco) Zwaan and Peter Groenenboom

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#### Gem Notes: A beaded cultured pearl mistaken for a natural pearl (2014)

By Olivier Segura and Emmanuel Fritsch

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## Gem Notes: Testing natural pearls with micro-focus X-radiography—A case study (2014)

By Elisabeth Strack and Friedhelm W. Maur

Volume 34, No. 1, 14-15

#### Gem Notes: An exceptional, recently discovered quahog pearl (2014)

By Brendan M. Laurs

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## Tracing cultured pearls from farm to consumer: A review of potential methods and solutions (2013)

By Henry A. Hänni and Laurent E. Cartier

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#### Structural features of new varieties of freshwater cultured pearls in China (2013)

By Li Liping and Wang Min

Volume 33, No. 5-6, 131-136

## Appearance of new bead material in cultured pearls (2010)

By H.A. Hänni, M.S. Krzemnicki, Laurent Cartier

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# A cautionary tale about a little-known type of non-nacreous calcareous concretion produced by the *Magilus antiquus* marine snail (2010)

By Thomas Hainschwang, Thomas Hochstrasser, Irka Hajdas and Wolfgang Keutschegger Volume 32, No. 1–4, 15–22

## A description and history of one of the largest nacreous pearls in the world (2009)

By J.C. (Hanco) Zwaan and Herman A. Dommisse

Volume 31, No. 5-8, 196-202

# Visualization of the internal structures of cultured pearls by computerized X-ray microtomography (2008)

By U. Wehrmeister, H. Goetz, D.E. Jacob, A. Soldati, W. Xu, H. Duschner and W. Hofmeister Volume 31, No. 1–2, 15–21

## Vaterite in freshwater cultured pearls from China and Japan (2007)

By U. Wehrmeister, D.E. Jacob, A.L. Soldati, T. Häger and W. Hofmeister Volume 30, No. 7–8, 399–412

## A description of pearl farming with *Pinctada maxima* in South East Asia (2007)

By Henry A. Hänni

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#### A short review of the use of 'keshi' as a term to describe pearls (2006)

By Henry A. Hänni

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# A note on a pearl attached to the interior of *Crassostrea virginica* (Gmelin, 1791) (an edible oyster, common names, American or Eastern oyster) (2006)

By Kenneth Scarratt, Carol Pierce and Paul Johnson

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### Diffraction enhanced imaging: A new X-ray method for detecting internal pearl structures (2005)

By Jochen Schlüter, Michael Lohmann, Joachim Metge and Bernd Reime Volume 29, No. 7–8, 401–406

## X-ray luminescence, a valuable test in pearl identification (2005)

By H.A. Hänni, L. Kiefert and P. Giese

Volume 29, No. 5-6, 325-329

# Identification of an imitation of pearl by FTIR, EDXRF and SEM (2005)

By T.L. Tan, T.S. Tay, S.K. Khairoman and Y.C. Low

Volume 29, No. 5-6, 316-324

## Pearls from the lion's paw scallop (2004)

By Kenneth Scarratt and Henry A. Hänni

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# The microstructure of the shell and cultured blister pearls of *Pteria penguin* from Sanya, Hainan, China (2004)

By Huang Fengming, Chen Zhonghui, Tong Hua, Zhou Ying, Zhang Ziqi and Yang Mingxing Volume 29, No. 1, 37–47

# Pearl cultivation in Donggou, Ezhou, Hubei, and cathodoluminescence of cultured pearls (2003)

By Huang Fengming, Yun Xinqiang, Yang Mingxing and Chen Zhonghui

Volume 28, No. 8, 449-462

### Cultured pearls and colour-changed cultured pearls: Raman spectra (2001)

By Li Liping and Chen Zhonghui

Volume 27, No. 8, 449-455

#### Notes from the Gem and Pearl Testing Laboratory, Bahrain—6 (1998)

By Ali Safar and Nick Sturman

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## River pearls from Bavaria and Bohemia (1996)

By Horst Hahn

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#### Notes from the Gem and Pearl Testing Laboratory, Bahrain—5 (1996)

By Ahmed Bubshait and Nick Sturman

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## An attempt to explain the instigation of the formation of the natural pearl (1995)

By E.J. Gübelin

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#### Notes from the Gem and Pearl Testing Laboratory Bahrain—4 (1995)

By Ahmed Bubshait and Nick Sturman

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#### The story of the Sri Lankan pearl (1995)

By M.M.M. Mahroof

Volume 24, No. 5, 337-348

# Structural and chemical investigations on shells and pearls of nacre forming salt- and fresh-water bivalve molluscs (1994)

By W. Gutmannsbauer and H.A. Hänni

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# The Hope pearl (1994)

By Stephen J. Kennedy

Volume 24, No. 4, 235-239

#### Notes from the Gem and Pearl Testing Laboratory Bahrain—3 (1994)

By Ahmed Bubshait and Nick Sturman

Volume 24, No. 1, 42-44

# Notes from the Gem and Pearl Testing Laboratory, Bahrain—2 (1993)

By A. Bubshait and N.P.G. Sturman

Volume 23, No. 7, 398-401

### Freshwater pearl cultivation in Vietnam (1993)

By G. Bosshart, H. Ho, E.A. Jobbins and K. Scarratt

Volume 23, No. 6, 326-332

## Some aspects of pearl production with particular reference to cultivation at Yangxin, China (1990)

By E.A. Jobbins and K. Scarratt

Volume 22, No. 1, 3-15

#### Imitation pearl coatings (1988)

By S.J. Kennedy, J.G. Francis and G.C. Jones

Volume 21, No. 4, 211-214

#### Possibilities and limitations in radiographic determination of pearls (1986)

By Irmtrud Lorenz and Karl Schmetzer

Volume 20, No. 2, 114-123

# On the identification of hollow natural pearls and non-nucleated cultured pearls (1986)

By J.M. Duroc-Danner

Volume 20, No. 1, 11-13

# On the identification of pearls by X-ray diffraction (1983)

By J.M. Duroc-Danner and K. Yvon

Volume 18, No. 8, 715-722

## The influence of the internal structure of pearls on Lauegrams (1983)

By Henry A. Hänni

Volume 18, No. 5, 386-400

# (A)Musing on pearls people and poetry (1982)

By A.E. Farn

Volume 18, No. 2, 109-111

## The diagnostic radiographic structure of pearls (1979)

By G. Brown

Volume 16, No. 8, 501-511

### The 'Black Pearl' of Guyana (1976)

By J.G. Gosling

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#### **Pearls** (1975)

By Alec E. Farn

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## Salmanas' method and other Greek formulae for the care and manufacture of pearls (1974)

By P.G. Maxwell-Stuart

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## A modern survey of imitation pearls (1973)

By R. Webster

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#### Blister pearls (1972)

By Anonymous

Volume 13, No. 4, 132

#### Ancient Irish pearls (1972)

By C.J. Robb

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## Pearl identification: Some laboratory experiments (1971)

By C.A. Schiffmann

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## The constituents of pearls (1971)

By E.H. Rutland

Volume 12, No. 6, 219-225

## Osmenda pearls (1966)

By Robert Webster Volume 10, No. 1, 8–9

# Cultured pearls from Hong Kong (1964)

By Anonymous Volume 9, No. 8, 262

## Pearl testing through only one X-ray diffraction pattern (1962)

By Jorge Angus Volume 8, No. 7, 251–252

## Pearl necklace photograph (1961)

By Anonymous Volume 8, No. 2, 71

## The Japanese cultured pearl industry (1961)

By Judith Banister Volume 8, No. 1, 21–29

# X-ray picture of an abalone pearl (1959)

By Anonymous Volume 7, No. 3, 103

# Australian cultured blister pearls (1959)

By Anonymous Volume 7, No. 2, 74

# **Culturing pearls in Earls Court (1958)**

By Florence M. Vaughan Volume 6, No. 6, 249–250

## Some unusual structures in pearls and cultured pearls (1954)

By Robert Webster Volume 4, No. 8, 325–334

## Australian pearl fishing experiment (1954)

By Anonymous Volume 4, No. 7, 309–310

# Notes on discoloration of pearls (1954)

By H. Lee and R. Webster Volume 4, No. 7, 273–280

#### Two unusual pearls (1954)

By J.N. Dave Volume 4, No. 6, 243

## Pearl fishing control (1954)

By Anonymous Volume 4, No. 4, 192

## Stained pearls and X-rays (1949)

By Robert Webster Volume 2, No. 2, 51–54

## All pearls are not what they seem! (1947)

By A.E. Alexander Volume 1, No. 1, 2–5