



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 2023. 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 <https://gem-a.com/publications/the-journal-of-gemmology-archive>, and more recent articles are accessible to Gem-A Members at <https://gem-a.com/publications/the-journal-of-gemmology>.

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

By Lore Kiefert, Jeanette Fiedler and Pierre Hardy
Volume 38, No. 1, 22–23

Gem Notes: An unusual assembled cultured blister (2021)

By Sophie Leblan, Ugo Hennebois, Aurélien Delaunay, Bérengère Meslin Sainte Beuve, Annabelle Herreweghe and Stefanos Karampelas
Volume 37, No. 7, 686–687

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

By Tay Thye Sun, Thet Tin Nyunt, Myo Lwin and Tay Zar Linn
Volume 37, No. 5, 463–464

Gem Notes: An unusual black natural pearl from Mytilidae (2021)

By J.C. (Hanco) Zwaan and Stefanos Karampelas
Volume 37, No. 5, 461–462

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

By Montira Seneewong–Na–Aytthaya, Wassana Chongraktrakul and Yadawadee Kowintheweewat
Volume 37, No. 5, 458–460

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

By Abeer Al–Alawi, Zainab Ali, Zainab Rajab, Fatema Albedal and Stefanos Karampelas
Volume 37, No. 2, 164–179

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

By Annibale Mottana
Volume 36, No. 8, 758–765

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 Tareh
Volume 36, No. 8, 702–704

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)

By Elisabeth Strack, Rubén Araya Valencia and Jaime Maturana Zuñiga
Volume 36, No. 7, 597

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
Volume 36, No. 5, 468–471
- 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
Volume 36, No. 1, 54–63
- Radiocarbon age dating of 1,000-year-old pearls from the Cirebon shipwreck (Java, Indonesia)** (2017)
By Michael S. Krzemnicki, Laurent E. Cartier and Irka Hajdas
Volume 35, No. 8, 728–736
- Gem Notes: Black non-nacreous natural pearls from *Pteria sp.*** (2017)
By Stefanos Karampelas and Hasan Abdulla
Volume 35, No. 7, 590–592
- 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
Volume 35, No. 7, 628–638
- Fake pearls made from *Tridacna gigas* shells** (2017)
By Michael S. Krzemnicki and Laurent E. Cartier
Volume 35, No. 5, 424–539
- Gem Notes: A gastropod shell as the core of a natural pearl** (2016)
By Olivier Segura and Sophie Leblan
Volume 35, No. 3, 204–205
- Gem Notes: A coral branch 'pearl' from a giant clam** (2016)
By Olivier Segura, Sophie Leblan and Laurent Croissy
Volume 35, No. 2, 114, 116–117
- Gem Notes: Natural mussel pearls from the Philippines** (2016)
By Brendan M. Laurs
Volume 35, No. 1, 25
- Gem Notes: Gem-set cultured pearls** (2015)
By Brendan M. Laurs
Volume 34, No. 8, 677
- Gem Notes: Pearl marking: An innovative non-destructive method** (2015)
By Olivier Segura
Volume 34, No. 6, 478–479
- European freshwater pearls: Part 1—Russia** (2015)
By Elisabeth Strack
Volume 34, No. 7, 580–592
- Gem Notes: Aging silver-treated cultured pearl** (2014)
By Olivier Segura and Emmanuel Fritsch
Volume 34, No. 3, 203–204
- The 'Sleeping Lion' baroque pearl: An update** (2014)
By J.C. (Hanco) Zwaan, Dirk M. van der Marel and Herman A. Dommissie
Volume 34, No. 3, 248–253

- Natural pearls from edible 'true oysters' in Zeeland, The Netherlands** (2014)
By J.C. (Hanco) Zwaan and Peter Groenenboom
Volume 34, No. 2, 150–155
- Gem Notes: A beaded cultured pearl mistaken for a natural pearl** (2014)
By Olivier Segura and Emmanuel Fritsch
Volume 34, No. 1, 13–14
- 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
Volume 34, No. 1, 16
- Tracing cultured pearls from farm to consumer: A review of potential methods and solutions** (2013)
By Henry A. Hänni and Laurent E. Cartier
Volume 33, No. 7–8, 239–245
- 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
Volume 32, No. 1–4, 31–37
- 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. Dommissie
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
Volume 30, No. 7–8, 357–365
- A short review of the use of 'keshi' as a term to describe pearls** (2006)
By Henry A. Hänni
Volume 30, No. 1–2, 51–58
- 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
Volume 30, No. 1–2, 43–50
- 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
Volume 29, No. 4, 193–203
- 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
Volume 26, No. 1, 17–23
- River pearls from Bavaria and Bohemia (1996)**
By Horst Hahn
Volume 25, No. 1, 45–50
- Notes from the Gem and Pearl Testing Laboratory, Bahrain—5 (1996)**
By Ahmed Bubshait and Nick Sturman
Volume 25, No. 1, 20–23
- An attempt to explain the instigation of the formation of the natural pearl (1995)**
By E.J. Gübelin
Volume 24, No. 8, 539–545
- Notes from the Gem and Pearl Testing Laboratory Bahrain—4 (1995)**
By Ahmed Bubshait and Nick Sturman
Volume 24, No. 6, 401–404
- 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
Volume 24, No. 4, 241–252
- 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
Volume 15, No. 4, 209–211
- Pearls (1975)**
By Alec E. Farn
Volume 14, No. 8, 382–385
- Salmanas' method and other Greek formulae for the care and manufacture of pearls (1974)**
By P.G. Maxwell-Stuart
Volume 14, No. 1, 20–26
- A modern survey of imitation pearls (1973)**
By R. Webster
Volume 13, No. 6, 209–219
- Blister pearls (1972)**
By Anonymous
Volume 13, No. 4, 132
- Ancient Irish pearls (1972)**
By C.J. Robb
Volume 13, No. 1, 12
- Pearl identification: Some laboratory experiments (1971)**
By C.A. Schiffmann
Volume 12, No. 7, 284–296
- 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