

THE VENETIAN[®] MACAO

times Extra

weekend Guide

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PARIS WEEK

Fashion heist

The Louis Vuitton red carpet was rolled out at the historic Place Vendome for a much-needed happy ending to a Paris Fashion Week marred by the multimillion-dollar heist of Kim Kardashian West's jewelry. A roll call of actresses that included Alicia Vikander, Jennifer Connelly, Michelle Williams, Sophie Turner and a heavily pregnant Lea Seydoux joined tennis star Roger Federer in the front row. And what a show it was. **X3**



- MOVIES: DEEPWATER HORIZON
- BOOKS: THE TRESPASSER BY TANA FRENCH
- MUSIC: BLUE MOUNTAIN BY BOB WEIR
- WINE: THE KOSHER LIBATION
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DRIVE IN

Lindsey Bahr, AP Film Writer

RIVETING 'DEEPWATER HORIZON' CAPTIVATES THROUGHOUT

We all know how "Deepwater Horizon" ends. When the BP oil rig exploded in the Gulf of Mexico in 2010, 11 people died and millions of gallons of oil spewed into the waters and up against the Gulf shores in the worst environmental disaster in U.S. history. The story of the aftermath, even 6 years later, is still being written. The how-did-it-happen is another thing, and the point of director Peter Berg's intensely thrilling indictment of the greed and gross negligence that contributed to the horrific outcome. Like the best true stories translated to film, this well-known ending works for Berg, not against him. He and writers Matthew Sand and Mat-

thew Michael Carnahan know, as Ron Howard did with "Apollo 13" and James Cameron knew with "Titanic," that it's not about whether they live or they die or if the ship goes down or all are saved. It's about the process and those decisions, big or small, corrupt or well-intentioned, that made this disaster inevitable. Based on a New York Times article, "Deepwater Horizon's Final Hours," the film is about the crew — the men and women aboard just doing their jobs. Mark Wahlberg anchors as Mike Williams, a no-nonsense engineer, who leaves his wife (Kate Hudson) and precocious daughter at home for his dangerous job on the rig. An early scene with a school science project spells out exactly

what he and his co-workers do and foreshadows what will go wrong. It's the kind of set up that on paper likely seems too cutesy, but here, it not only works, it actually builds tension rather effectively. "Deepwater Horizon" rises above expectations of what a movie like this is capable of at every turn — restrained where you think it might go too big or sentimental, and genuinely affecting when you think you're gearing up for an eye-roll. Wahlberg may be an easy punchline, but he's an underrated everyman and at his subdued best here. Even Hudson, in the generally thankless concerned-wife role, makes it seem worthwhile. It's a welcome step up for Berg, too, whose patriotic



Kurt Russell, center, in a scene from, "Deepwater Horizon"

bombast and cliché romanticism overwhelmed "Lone Survivor." Here, you really internalize the plight and rage of the workers, even though most people in the audience aren't likely to ever set a foot on an oil rig. When Kurt Russell's crew leader Jimmy Harrell gets angry at the corporate brass for having neglected to perform some critical safety tests, you're angry right along with him. The execs like Don Vidrine (a perfectly slimy John Malkovich) see only that they're behind schedule and over budget and are cutting corners with abandon even as the rig seems to be faltering underneath them. Jimmy and Mike eventually

convince them to run a few tests — a white knuckle endeavor for everyone involved and, well, you can torture a statistic until it talks and it seems it might be the same for a pressure test. So they proceed, and, of course, things go spectacularly wrong. It is a spectacle indeed — a must-see horror of fire and oil as this unbelievably massive structure explodes and crumbles around all the people we've gotten to know, like Gina Rodriguez's Andrea Fleytas, Dylan O'Brien's Caleb Holloway and Ethan Suplee's Jason Anderson. It's the rare film that can make you care about, and be able to tell the difference between, over a dozen characters.

I would have liked to have seen more of the rescue efforts from the Navy, more of the aftermath, but Berg keeps things focused, and the movie is likely better off for it. "Deepwater Horizon" achieves that impossible balance of being a tribute to the workers who both perished and survived that day and a searing critique of the rotten system that put them there in the first place.

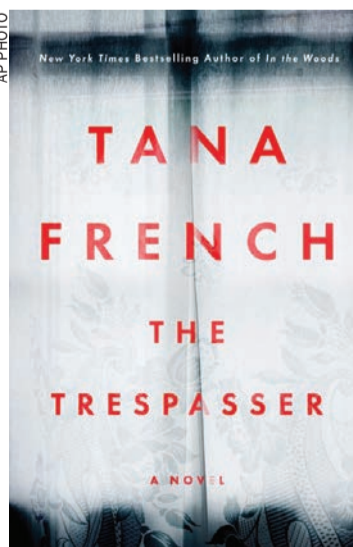
"Deepwater Horizon," a Lionsgate release, is rated PG-13 by the Motion Picture Association of America for "prolonged intense disaster sequences and related disturbing images, and brief strong language." Running time: 107 minutes. ★★★★★



Kate Hudson

BOOK IT

DUBLIN'S MURDER SQUAD HUNTS FOR A KILLER IN 'THE TRESPASSER'



"The Trespasser" (Viking), by Tana French

Though Detective Antoinette Conway always dreamed of working in the murder squad, now

that she's made it to the Dublin Castle grounds where Ireland's best detectives track down killers, she wants out. Her co-workers harass her, and the majority of cases that make it to her desk involve domestic disputes, not the psychopathic serial killers she'd imagined hunting. When her boss assigns Antoinette and her partner a new case complete with a smarmy third detective to act as a baby sitter, Antoinette considers this her last stint on the squad before trading in her badge for a job at a security agency. When they arrive at the scene, Antoinette stares into the face of the murder victim, Aislinn Murray, and recognizes her, though she can't place the memory. The scene of the crime, complete with a candlelit table set for two and dinner in the oven, points to yet another date gone bad. This should be a slam dunk. But from here, the case proves a wild

animal nobody can read, sometimes bounding in a predictable direction, other times leaping down a path that catches everyone off guard. On top of this, Antoinette notices a strange man frequenting the road outside her house. Author Tana French incessantly pushes the plot of "The Trespasser" forward with absorbing dialogue and shifty villains. When the investigation hits walls, relationships grow and morph, making the work as much about internal conflicts as external. Antoinette narrates with a rich, raw voice. Her sarcasm combined with a wry, hard-edged view on life may weary readers, but keep reading, because as in all of the author's work, meaning lurks beneath every quip and glance. French not only spins a twisty cop tale, she also encases it in meticulous prose, creating a read that is as elegant as it is dark.

Christina Ledbetter, AP

ITUNES

GRATEFUL DEAD'S BOB WEIR DELIVERS EARTHY SOLO EFFORT

The Grateful Dead's Bob Weir, showing more than a little touch of grey at age 68, delivers a heartfelt and earthy solo record with "Blue Mountain." It's Weir's first solo effort in a decade and the first of entirely original material in 30 years. Weir, who sang with the Dead that he may be going to hell in a bucket but at least he's enjoying the ride, strikes a more reflective pose on "Blue Mountain." It's a deeply personal collection of cowboy songs drawn on his memories working as a teenager on a Wyoming farm. Say "cowboy songs" to many Grateful Dead fans and they will go running for the skip button. And, to be sure, songs like "Ki-Yi Bossie" on "Blue Mountain" aren't likely to convert those who can do without tales from the dust-covered trails. Still, Weir's collaboration here with Josh Ritter and The National's Bryce and Aaron Dessner results in a moody, dense record unlike any-



Bob Weir, "Blue Mountain" (Columbia/Legacy and ROAR)

thing he's done before. The production, and subject matter, fits his road-weary vocals. The closer, "One More River to Cross," feels as heartfelt as anything Weir has ever written and should resonate with fans who have been along for any part of the long, strange trip of his unparalleled career.

Scott Bauer, AP

NEWS OF THE WORLD

Thomas Adamson, AP Fashion Writer

Vuitton gives star-filled happy ending to dark Paris season



A model wears a creation for Miu Miu's



A model wears a creation for Louis Vuitton's

In lauded designer Nicolas Ghesquiere's finest collection since restyling the house in 2013, the French designer exposed his passion for the 1980s and riffed on science fiction.

Big hair, big shoulders, big sparkle, big prints, big eyes: that was the mantra for Spring-Summer.

Bold, sunset-shaped eye makeup that stretched from ear-to-ear set the fashion dial firmly to the age of Glam Rock.

That era also was known for its obsession with sci-fi films, a reference Ghesquiere picked up on in his 45-piece show.

Styles that evoked "Star Wars" were seen in lozenge patches over the bust, curved asymmetrical forms on shirts with metallic sheer overlays, tunic-like gowns with boots, and armor-like white shoulder pads that looked like they might have been snipped from a Stormtrooper's back.

But the beauty of the collection was in its remarkable silhouettes and the deftness of the cuts that made it a more grown-up display than those to which we've become accustomed.

A loose gray jacket with structured, mushroom-shaped oversize sleeves produced a stylish silhouette as it

gently curved out at the bottom. The designer, who revitalized Balenciaga during his tenure there from 1997 to 2012, seems to be doing the same at Louis Vuitton.

ALICIA VIKANDER SURPRISED Oscar-winning actress Vikander landed in Paris on Tuesday and was surprised to discover her face plastering billboards all around town.

"Well, I didn't actually know, but I arrived yesterday and I see that my film ("The Light Between Oceans") is coming out today in France, so I've seen the posters up," she told The Associated Press from the Louis Vuitton front row.

The "Danish Girl" star may well not have enough time to talk to her PR team on her movie release dates as she's simply too busy jet-setting around the world.

"I live on an airplane. I'm kind of a nomad living out of my suitcases," said Vikander, wearing a white blouse and cleanly cut Louis Vuitton naval jacket.

And when she's not in the sky, she's busy with her new role as film producer.

"I just produced my own film after starting my own company last year. I wrapped my first production a week ago, 'Euphoria,' with Eva

Green and Charlotte Rampling," she added.

US AMBASSADOR BIDS FAREWELL

Ever since Jane D. Hartley became U.S. ambassador to France in October 2014, the well-groomed diplomat has been a regular face on the front rows of major shows such as Christian Dior and Louis Vuitton. But Hartley's appearance at Louis Vuitton's Spring-Summer show, where she wore a black Vuitton T-shirt with silver zigzags, may be her last.

The ambassador, who sat in the front row next to LVMH's Bernard and Delphine Arnault, spoke to The AP about her passion for fashion and her sadness at bidding farewell to the spectacular Paris shows.

"It's wonderful being in Paris and being at these shows and the beauty and the style. I'm lucky," Hartley, 66, said.

"I think it's such an important industry here, but it's an important industry back in the U.S. too. It's beautiful, it's creative — but we really can't forget it's a job creator on both sides of the Atlantic," she added.

Hartley, the second woman to serve as U.S. ambassador to France

after Pamela Harriman, will leave her post following November's U.S. presidential election.

MIU MIU GOES SWIMMING

"Inglorious Basterds" star Diane Kruger donned a Miu Miu double-breasted pajama print suit to Prada's little sister show in Paris yesterday. Model Alexa Chung came with tousled hair and a fringed black leather cowboy jacket.

The celebrities' styles couldn't have been more at odds with the retro mood of the multi-colored Spring-Summer collection.

Miu Miu took fashion insiders for a dip in a 1940s swimming pool.

Flowery swimming caps in black, red, yellow and white accompanied high-waisted, low-cut knitted swimwear that evoked the bygone days before the proliferation of synthetic materials.

Decorative cross-stitch embroideries on tight-fitting tops with frilly hems and period Peter Pan collars evoked the post-World War II era, as did patterned fabric scarves worn tied around the head.

The second half of the 53-piece collection fast-forwarded to the bright colors of the 1960s, with oranges,

blues, yellows and pinks cut with the brown hues favored in that decade.

The collection showed again Miuccia Prada's expertise in combining the intellectual with the fun.

MONCLER GAMME ROUGE

A barren desert and rugged boulders provided an assault course of sorts for Moncler Gamme Rouge's battle-tested models in the French military-inspired show.

Hybrids of the hard, round, shiny-tipped hats worn by the French Foreign Legion were the opener.

And in case there was any doubt about the theme, designer Giambattista Valli used sashes with the French tricolor flag across round-collar tops and repeated the color combination on sneaker Velcro straps.

Straps, for perhaps a parachute, structured a '60s-style, sporty mini-dress in stone.

When the signature flowers finally appeared — Valli famously loves his blooms — they were imagined as a print on an X-shaped dress that evoked the military through its stiffness and shoulder epaulettes.

It was an interesting and focused display.

KARDASHIAN WEST ASSAILANTS STILL AT LARGE AFTER 'FASHIONABLE' HEIST



FRENCH POLICE continued hunting for five people suspected of assaulting Kim Kardashian West in a private Paris residence before robbing her of more than USD10 million worth of jewelry.

Paris police said they were analyzing footage from surveillance cameras to try to identify the assailants, who wore fake police emblems on their jackets.

After forcing their way into the American celebrity's apartment in the chic eighth district, the robbers held her up at gunpoint and locked her in a bathroom before escaping on bicycles in the early hours of Monday. They stole a jewelry box containing items worth 6 million

euros (\$6.7 million) as well as a ring worth 4 million euros. Kardashian West, who was in the French capital to attend fashion week shows, returned to the U.S..

Paris prosecutors earlier this week declined to answer whether the robbers had received help from the reality TV star's entourage. Kardashian's stylist was also in the residence at the time, and alerted police, but Kardashian's bodyguard was not present, according to the prosecutor's office.

The reality star's two children, 3-year-old North and 10-month-old Saint, were in New York with their father, Kanye West, when the robbery happened.

Interpol declined to comment on reports suggesting the notorious "Pink Panther" jewel thieves could have played a role in the robbery, saying that would be speculation.

According to the world's largest international police organization, that gang has stolen 334 million euros (\$370 million) in jewels from 380 armed robberies between 1999 and 2015.

WORLD OF BACCHUS

Jacky I.F. Cheong

The Kosher Libation



■ **ELLA VALLEY EVERRED 2012**

A classic Right Bank blend of 70% Merlot, 25% Cabernet Sauvignon and 5% Cabernet Franc from Judean Hills. Supervised by a rabbi and kosher for Passover. Rich garnet with cardinal-crimson rim, the aromatic nose offers cranberry, red cherry, allspice, cocoa and sandalwood. With generous acidity, suave tannins and clear minerality, the lush palate delivers plum, re-deurrant, coffea arabica, tobacco and sous bois. Medium-full bodied at 14.5%, the engaging entry continues through a fleshy mid-palate, leading to a long finish.



■ **ELLA VALLEY CABERNET SAUVIGNON 2011**

A classic Left Bank blend of 85% Cabernet Sauvignon, 10% Merlot and 5% Petit Verdot from Judean Hills. Supervised by a rabbi and kosher for Passover. Rich garnet with carmine-purple rim, the fragrant nose presents black cherry, cassis, cinnamon, pencil shaving and iris. With abundant acidity, polished tannins and clean minerality, the elegant palate supplies blackberry, liquorice, nutmeg, black coffee and graphite. Medium-full bodied at 14.5%, the juicy entry persists through an expressive mid-palate, leading to a lingering finish.

Situated along the east coast of the Mediterranean or the western edge of Asia, Israel is surrounded clockwise by Lebanon, Syria, Jordan and Egypt. This narrow strip of land used to be the vital route linking two of the four cradles of civilisations – Egypt and Mesopotamia. The earliest winemaking may have originated from Georgia in the 6th millennium BC, but the earliest agriculture probably occurred in the Fertile Crescent in the 10th millennium BC. This is where humans first transformed from migratory hunter-gatherers into sedentary farmers, triggering the emergence of organised religion, codified law, social hierarchy and property ownership. Indeed, many of the oldest continuously inhabited cities are located in the Fertile Crescent.

The history of wine in Israel can be traced back to biblical times, with the Book of Genesis recording that Noah was the first to plant vineyards, drink wine and fall drunk. The Book of Deuteronomy, meanwhile, lists the fruit of the vine as one of the seven blessed species of fruit. The Land of Israel continued to produce wine, and its wine continued to be held in relatively high regard, under the Roman Empire and Byzantine Empire. Subsequent to the Muslim Conquests in the 7th century AD, however, even if vineyards were not uprooted, the grapes produced were to be consumed as fruits, and winemaking was nearly eradicated.

The resurrection of Israeli wine in the late 19th century has much to do with Edmond Benjamin James de Rothschild, who apart from supporting Zionism brought French grape varieties and oenological savoir-faire to Israel. Yet, until the late 20th century, Israel used to produce bulk kosher wine – often sweet and oxidised – for export. Thanks to the influx of capital and technology in the last three decades, Israel is now home to just under 300 producers, many of which are quality-driven, whose

produce has been garnering awards and high ratings on the world stage.

Israel has a total of five wine regions: Galilee, Judean Hills, Negev, Samson and Shomron. Due to the country's arid climate, careful site selection is important, and irrigation sometimes essential. Israel has a variety of terroirs, ranging from clay and terra rosa to limestone and marl with sediments or basalt deposits. Israeli wine is often described as more American in style, whereas Lebanese wine more French in taste.

Not all Israeli wines are kosher, and not all kosher wines are from Israel. A kosher wine is, in short, a wine produced as per Jewish dietary laws. As with anything legal – and Judaism is one of the most legalistic religions – laws are open to interpretation. For the more conservative, a kosher wine must be handled by only orthodox and observant Jews and supervised by a rabbi. For others, a mechanically made wine is kosher, as no gentiles (non-Jews) are involved in production. For the more liberal, the grapes can be harvested and wine-making process directed by non-Jews. Once opened, a bottle becomes non-kosher if touched by a non-Jew, unless it is mevushal (cooked beforehand). Some opine that 75 centigrades would suffice, others argue for 90 centigrades. Whether flash pasteurisation would suffice is another point of contention. Kosher wine for Passover is free from contact with chametz (leavening agent), which is forbidden for the festival.

Samples provided by Prof. Glenn Timmermans, D.Phil. (Oxon.), FRAS, of University of Macau. A board member of Hong Kong Jewish Film Festival, his research interests include, inter alia, Jewish History and Holocaust Studies. W: <https://fah.umac.mo/staff/staff-english/glenn-timmermans/>; E: gtimmer@umac.mo; T: +853 8822 8206

Jacky I.F. Cheong is a legal professional by day and columnist by night. Having spent his formative years in Britain, France, and Germany, he regularly writes about wine, fine arts, classical music, and politics in several languages

RESTAURANTS

CANTONESE



GRAND IMPERIAL COURT
5pm – 12midnight
T: 8802 2539
Level 2, MGM MACAU



IMPERIAL COURT
Monday - Friday
11am - 3pm / 6pm - 11pm
Saturday, Sunday & Public Holidays
10am - 3pm / 3pm - 11pm
T: 8802 2361
VIP Hotel Lobby, MGM MACAU

BEIJING KITCHEN
Level 1, Grand Hyatt Macau
Opening Hours
11:30am – 24:00



KAM LAI HEEN
Grand Lapa, Macau
956-1110 Avenida da Amizade, 2/F
T: 8793 3821
11:00 - 15:00 / 18:00 - 22:00
(Close on Tuesday)

SHANGHAI MIN
Level 1, The Shops at The Boulevard
Opening Hours
11:00 - 15:00; 18:00 - 22:30

SHANGHAI

CATALPA GARDEN
Mon - Sunday
11:00 - 15:00 / 17:30 - 23:00
Hotel Royal, 2-4
Estrada da Vitoria
T: 28552222

FRENCH

**寶雅座
AUX BEAUX ARTS**

AUX BEAUX ARTS
Monday – Friday
6pm – 12midnight
Saturday – Sunday
11am – 12midnight
T: 8802 2319
Grande Praça, MGM MACAU

GLOBAL

HARD ROCK CAFE
Level 2, Hard Rock Hotel
Opening Hours
Monday to Sunday : 11:00 - 02:00
Sunday : 10:00 - 02:00

CAFÉ BELA VISTA
Grand Lapa, Macau
956-1110 Avenida da Amizade, 2/F
T: 87933871
Mon - Thurs
06:30 – 15:00 / 6:00 – 22:00
Fri – Sunday
06:30 – 22:00

MEZZA9 MACAU
Level 3, Grand Hyatt Macau
Opening Hours
Dinner: 5:30 – 11:00



VIDA RICA (RESTAURANT)
2/F, Avenida Dr Sun Yat Sen, NAPE
T: 8805 8918
Mon - Sunday
6:30 – 14:30 / 18:00 – 23:00



MORTON'S OF CHICAGO
The Venetian(r) Macao-Resort-Hotel
Talpa, Macau
T:853 8117 5000
mortons.com
• Bar
Open daily at 3pm
• Dining Room
Monday - Saturday: 13:00 - 23:00
Sunday: 17:00 - 22:00

ABA BAR

ABA BAR
5pm – 12midnight
T: 8802 2319
Grande Praça, MGM MACAU



PASTRY BAR
10am – 8pm
T: 8802 2324
Level 1, MGM MACAU



ROSSIO
7am – 11pm
T: 8802 2372
Grande Praça, MGM MACAU



SQUARE EIGHT
24 hours
T: 8802 2389
Level 1, MGM MACAU

ITALIAN

LA GONDOLA
Mon - Sunday
11:00am – 11:00pm
Praia de Cheoc Van, Coloane,
next to swimming pool
T: 2888 0156



PORTOFINO
Casino Level1, Shop 1039,
The Venetian Macao
TEL: +853 8118 9950



AFRIKANA
Monday to Sunday
6:00pm – 3:00am
Location : AfriKana, Macau Fisherman's Wharf
Telephone Number : (853) 8299 3678

JAPANESE

SHINJI BY KANESAKA
Level 1, Crown Towers
Lunch 12:00 - 15:00
Dinner 18:00 - 23:00
Closed on
Tuesday (Lunch and Dinner)
Wednesday (Lunch)

ASIAN PACIFIC

ASIA KITCHEN
Level 2, SOHO at City of Dreams
Opening Hours
11:00 – 23:00

GOLDEN PAVILION
Level 1, Casino at City of Dreams
Opening Hours
24 Hours



GOLDEN PEACOCK
Casino Level1, Shop 1037,
The Venetian Macao
TEL: +853 8118 9696
Monday - Sunday:
11:00 - 23:00

PORTUGUESE

CLUBE MILITAR
975 Avenida da Praia Grande
T: 2871 4000
12:30 – 15:00 / 19:00 – 23:00

FERNANDO'S
9 Praia de Hac Sa, Coloane
T: 2888 2264
12:00 – 21:30

WESTERN

FOGO SAMBA
Shop 2412 (ST. Mark's Square)
The Venetian Macao
TEL: +853 2882 8499

THAI



NAAM
Grand Lapa, Macau
956-1110 Avenida da Amizade, The Resort
T: 8793 4818
12:00 – 14:30 / 18:30 – 22:30
(Close on Mondays)

BARS & PUBS



38 LOUNGE
Altrira Macau,
Avenida de Kwong Tung, 38/F Talpa
Sun-Thu: 13:00 – 02:00
Fri, Sat and Eve of public holiday:
15:00 – 03:00

R BAR
Level 1, Hard Rock Hotel
Opening Hours
Sun to Thu:
11:00 – 23:00
Fri & Sat:
11:00 – 24:00



BELLINI LOUNGE
Casino Level 1, Shop 1041,
The Venetian Macao
CONTACT US:
Tel: +853 8118 9940
Daily: 16:00 - 04:00



D2
Macao Fisherman's Wharf
Edf. New Orleans III
Macao

VIDA RICA BAR
2/F, Avenida Dr. Sun Yat Sen, NAPE
T: 8805 8928
Monday to Thursday: 12:00 – 00:00
Friday: 12:00 – 01:00
Saturday: 14:00 – 01:00
Sunday: 14:00 – 00:00

VASCO
Grand Lapa, Macau
956-1110 Avenida da Amizade, 2/F
T: 8793 3831
Monday to Thursday: 18:30 – 12:00
Friday to Saturday: 18:00 – 02:00
Sunday: 18:00 – 24:00

FOOD & BEVERAGE

Manuel Valdes, AP

US FARMERS MAKE FORAY INTO QUINOA
AS DEMAND FOR GRAIN GROWS

To the south of Nash Huber's farm fields are the Olympic Mountains, peaking at nearly 8,000 feet. Due north is the end of a channel of Pacific Ocean waters that separate the United States from Canada. Yet in this corner of the country is where the 75-year-old Huber hopes the South American grain quinoa takes root. Last month, Huber harvested quinoa commercially for the first time on about 30 acres, making him the latest addition to a small number of U.S. farmers trying to capitalize on

American eaters' growing demand for the Andean grain. "It's a beautiful crop," Huber said as he surveyed his combine grinding the plants and spitting out the seeds. He chose a variety called Redhead, which turned his field lipstick red for a couple of weeks before harvest. "We're still learning. I kind of stepped off the end of the dock here with a bit of a bite this year." Americans consume more than half the global production of quinoa, which totaled 37,000 tons in 2012. Twenty years ear-

lier, production was merely 600 tons, according to the United Nation's Food and Agricultural Organization. Yet quinoa fields are so rare in American farming that the total acreage doesn't show on an agricultural census, said Julianne Kellogg, a Washington State University graduate student monitoring quinoa test plots around the Olympic Mountains, including one next to Huber's field. A rough estimate puts the country's quinoa fields at 3,000 to 5,000 acres. Quinoa's nutritional punch has

pushed the grain beyond health food stores and into general consumption, propped up by celebrities like Oprah Winfrey. It has all the amino acids humans need, making it a complete protein, Kellogg said. That's hard to find in grain crops, she said. It's also gluten-free.

The grain's future is marked with possibilities, including milk, beer, cereals, hair products, snacks products well beyond the salad bar.

"I think we're witnessing the start of a staple," said Sergio Nuñez de Arco, a Bolivia native whose company, Andean Naturals, has been instrumental in bringing quinoa north, distributing to Costco, Trader Joe's and others.

The spike in demand from the U.S. and Europe led big farm operations in Peru to enter quinoa farming a few years ago. That resulted in an oversupply, and prices have been falling. According to a July report from the U.S. Department of Agriculture's Foreign Agricultural Service, quinoa prices plummeted about 40 percent between September 2014 and August 2015.

"Farmers are rotating out of quinoa," Nuñez de Arco said. "They went back to the city to look for work. It was good while it lasted, so it's back to rural migration."

Nuñez de Arco has opened a California processing plant for the bitter coating that covers the quinoa grains. It wasn't welcome news for his Bolivian farmers.

"There needs to be some improvement to practices and they're gonna get that through

some healthy competition," said Nuñez de Arco, now based in San Francisco. "My push has been to protect the smaller farmer in a top-shelf niche, where they will have the demand."

In Washington state, Huber's quinoa will head to Lundberg Family Farms, a California-based company that has been a leader in domestic quinoa production. This year, Lundberg and its network of contracted farmers along the West Coast hope to harvest 2 million pounds of quinoa.

"It's great to have product available where folks are consuming it," said Tim Schultz, vice president of research and development at Lundberg. "You have less food miles on it."

For more quinoa to grow in the United States, farmers and researchers must find the right mix of varieties and environments. The Washington State University plots are testing varieties for heat resistance and late-summer sprouting, among other benchmarks. Next year, they'll test plots in Maryland and Minnesota.

"From a farmer's perspective, it's more options for rotations," said Kevin Murphy, an assistant professor at the university. That's an option that attracted Huber. Quinoa represents his first commodity crop. On a harvest day, he eyeballed a lower yield than he wanted, in part because the elk that roam the nearby woods frolicked in the quinoa fields.

"I hope I break even," he said with a laugh. "If we break even or make a little bit of money, that'll be good because I learned quite a few things here."



WHAT'S ON



TODAY (OCT 7)

FIMM: CHINA PHILHARMONIC ORCHESTRA (MAINLAND CHINA)

Mozart's Piano Concerto No. 20, being one of the two music pieces in minor of his 27 piano concertos, will manifest the multiplicity and profundity of Mozart's style with its impressive tragicity, ominous aggressiveness and dreadful violence. Bartók, whose opus magnums include Concerto for Orchestra, demonstrates a new facet of Western music in the 20th century with the sharp character of Hungarian folk music. Qigang Chen's symphonic prelude Instants d'un Opéra de Pékin, on the other hand, is an extraordinary fusion of the East and the West, through intertwining between the aria music of Peking opera and Western symphonies. In this concert, the China Philharmonic Orchestra will join hands with local young pianist Kuok-Wai Lio to present an elegant musical experience in mixed styles.

TIME: 8pm
 VENUE: Macau Cultural Centre Grand Auditorium
 ADMISSION: MOP150, MOP 250, MOP300, MOP400, MOP500
 ENQUIRIES: (853) 8399 6699
 ORGANIZER: Macau Cultural Affairs Bureau
<http://www.icm.gov.mo/fimm/30>



FIMM: MINIMALISM - COLIN CURRIE GROUP (UNITED KINGDOM)

"Minimalism" developed in the United States in the 20th century, when the Western world of music was open to multiple schools of music as well as diverse musical techniques and styles. This distinctive conception of creation and its unique formal features broke through the fundamental thinking of Western music since the Renaissance, making it a force of the most sustainable influence in modern and contemporary music. Boasting the simplest material and means, minimalist music strives to explore the interesting relationship between immutability and variability.

TIME: 8pm
 VENUE: Macau Cultural Centre Small Auditorium
 ADMISSION: MOP200, MOP250
 ENQUIRIES: (853) 8399 6699
 ORGANIZER: Macau Cultural Affairs Bureau
<http://www.icm.gov.mo/fimm/30>



TOMORROW (OCT 8)

FIMM: VOICE FROM THE MONGOLIAN STEPPE - MONGOLIAN STATE MORIN KHUUR ENSEMBLE

The rising and falling melody of Urtiin Duu (long song), the deep and powerful sound of Morin Khuur (horsehead fiddle), and the exquisite and magnificent singing of Khoomei (throat singing) are the three artistic treasures of Mongolian pastoral nomads. They perfectly outline the stark beauty of Mongolia's expansive rural landscapes while manifesting its unique ethnic spirit.

TIME: 8pm
 VENUE: Mount Fortress
 ADMISSION: MOP150
 ENQUIRIES: (853) 8399 6699
 ORGANIZER: Macau Cultural Affairs Bureau
<http://www.icm.gov.mo/fimm/30>



SUNDAY (OCT 9)

FIMM: JOYOUS HARMONY

Lingering Snow on the Broken Bridge - heart-wrenching love translated into the beautiful playing of strings, winds and flute;
 The Sky with the Stars - shining stars and the music of liuqin, a love story under the starry sky;
 Flying Dragon, Leaping Tiger - strong folk music with percussion instruments, magnificent power that uplifts your spirit;
 Macau Impressions - a brand new page to flamboyance and prosperity following the return to motherland...
 Virtuosos from the Cross-strait Four Regions meet in Macau and exchange their musical inspirations. Listen to the sounds of different cultures and let yourself be carried away in a diversity of folk music.

TIME: 8pm
 VENUE: Macau Cultural Centre Grand Auditorium
 ADMISSION: MOP100, MOP150, MOP200, MOP250
 ENQUIRIES: (853) 8399 6699
 ORGANIZER: Macau Cultural Affairs Bureau
<http://www.icm.gov.mo/fimm/30>

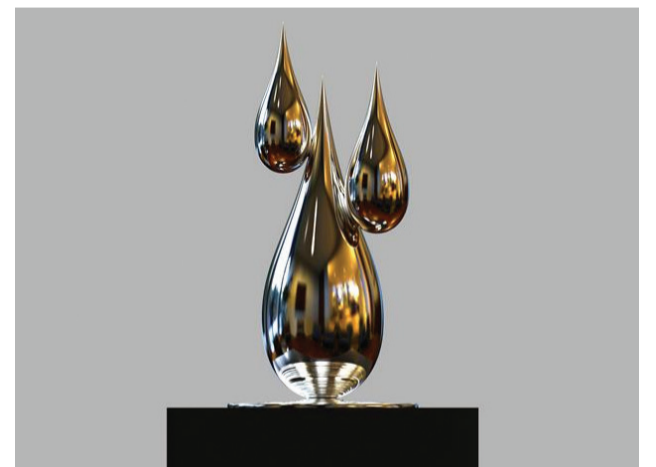


MONDAY (OCT 10)

EXHIBITION "INNOVATIVE INSPIRATION - PAINTING OF MAK KUONG WENG"

This exhibition shows 39 works by Mak Kuong Weng who has won the Best Creation Special Prize of the "Collective Exhibition of Macau Artists" on four occasions. His upcoming solo exhibition comprises two series, namely the "China landscape" and the "Ink kingdom", showcasing ink painting in a unique style. The "China landscape" series underline the rhythm and stereoscopic perception of Chinese landscape painting while incorporating modern expression of art. On the other hand, the "Ink kingdom", inspired by the rhythm of traditional Chinese calligraphy, runs after the spiritual imagery of arts via abstract techniques.

TIME: 9am-7pm
 UNTIL: October 16, 2016
 ADMISSION: Free
 VENUE: Chun Chou Tong Pavilion of Lou Lim Ioc Garden, located at No. 10, Estrada de Adolfo Loureiro
 ENQUIRIES: (853) 8988 4100
 ORGANIZER: Cultural Affairs Bureau
<http://www.icm.gov.mo>



TUESDAY (OCT 11)

A SCULPTURE - YANG XIAO HUA

A sequel to the artist's 'Water Series', the sculpture 'Connection with Water' is composed by three water droplets of different sizes and water ripples. The three droplets in the upper part of the structure represent Macau, Zhuhai and Hong Kong, while its ripple-shaped foundation alludes to the fact that the Pearl River connects Macau, Zhuhai and Hong Kong. The work is superbly finished with stainless steel, with its surface polished, implying the burgeoning prosperity of the three places following the completion of Hong Kong-Zhuhai-Macau Bridge.

TIME: 10am-7pm (no admission after 6:30 pm, closed on Mondays)
 UNTIL: January 8, 2017
 Venue: Macau Museum of Art, Av. Xian Xing Hai, s/n, NAPE
 ADMISSION: MOP5 (free on Sundays and public holidays)
 ENQUIRIES: (853) 8791 9814
www.mam.gov.mo



WEDNESDAY (OCT 12)

“MEMORIES OF MOMENTS - MACAU AND LUSOPHONE AFRICAN AND ASIAN REGIONS IN PHOTOGRAPH Postcards” Exhibition

A photograph postcard is a dual source of information, where an image on the front, which demonstrates the photographer's vision of the society, is complemented with a personal message on the back. Messages on postcards are written accounts of experiences and happenings in different parts of the world and thus enhance the value of postcards as documents. The 20th century marked the beginning of international circulation of postcards and popularization of photography in world history. The exhibition features a selection of over 260 photograph postcards from the image collection of the Archives of Macau to present a big picture of the history and art, urban-architecture, ethnography, economic development, natural environment and other aspects of life in Macau and Angola, Cape Verde, the former Portuguese India, Guinea-Bissau, Mozambique, São Tomé and Príncipe and East Timor since the first decades of the 20th century.

TIME: 10am-6pm (no admission after 6:30 pm, closed on Mondays)
UNTIL: December 4, 2016
VENUE: Archives of Macau
No. 91-93, Avenida do Conselheiro Ferreira de Almeida, Macau
ADMISSION: Free
ENQUIRIES: (853) 2836 6866
<http://www.icm.gov.mo/en>



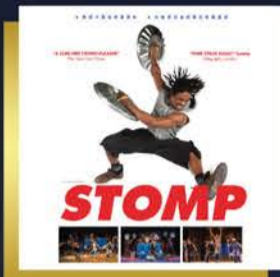
THURSDAY (OCT 13)

60TH ANNIVERSARY OF MACAU ARTISTS SOCIETY

The collective art exhibition A Sexagenary Revision - Masters of the Macau Artists Society features a selection of 60 works created by 36 late artists that had lived in Macau in celebration of the 60th anniversary of the Society. Dedicated to celebrating the most prominent artists of their generation, the exhibition showcases a selection of their finest calligraphy, oil paintings, watercolours and traditional Chinese ink. One highlight is a series of rare collaborative paintings created exclusively for the National Day of the People's Republic of China.

TIME: 10am-7pm (closed on Mondays, open on public holidays, no admission after 6:30 pm)
UNTIL: December 4, 2016
VENUE: Handover Gifts Museum of Macau, Av. Xian Xing Hai Macau
ENQUIRIES: (853) 8791 9814
ORGANIZERS: Cultural Affairs Bureau, Macau Museum of Art, Macau Artists Society
<http://www.mam.gov.mo>

Sands WEEKEND



STOMP

Until 9 October 2016

The Venetian Theatre

Originally from the UK, STOMP is a show that combines percussion, dance, theatre and comedy with an exhilarating soundtrack inspired by the commotion of everyday objects such as lighters, bin lids, plastic bags and even kitchen sinks, to hammer out an explosive rhythm. Their passion and enthusiasm are so contagious that the show has won over audiences worldwide of all ages.

Tickets: From MOP/HKD180, call reservations +853 2882 8818

No show on Monday
cotaiticketing.com



THRILLER LIVE

Until 13 November

The Parisian Theatre

THRILLER LIVE is a stunning 90-minute theatrical concert to commemorate arguably the world's greatest ever entertainer, Michael Jackson. This high-energy explosion of pop, rock, soul and disco takes the audience on a magical audio-visual journey through Jackson's astonishing 45-year musical legacy. We challenge you to stay in your seat! Thriller is the debut show of The Parisian Theatre.

Tickets: From MOP/HKD180, call reservations +853 2882 8818

cotaiticketing.com



SHOP YOUR WAY TO A HOTEL STAY

Sands Shoppes, with over 800 luxury duty-free shops after the opening of Shoppes at Parisian, is your ultimate shopping destination in Macao. Shop at Shoppes at Four Seasons, Shoppes at Parisian, Shoppes at Venetian and Shoppes at Cotai Central (except dining outlets) to earn hotel offers, including exclusive hotel and dining offers at The Parisian Macao, opening in mid of September.

Shop & Stay Voucher redemption date and time : Until 16 October 2016

Monday – Sunday 10:00am – 11:00pm

Redemption Locations : Information Counters throughout Sands Shoppes

Please refer to the Terms & Conditions for further details.



HAPPY HOUR AT PORTOFINO - A PLACE TO UNWIND

Monday to Friday, 6pm-9pm, Spirito, Shop 1039, Level 1 (inside Portofino)

Relax with friends and put the day's pressures behind you at Portofino's Spirito Bar and outdoor terrace. Buy one beer or standard spirit and get another free, or enjoy a 30% discount on wine and cocktails. Smoking permitted.

Reservations: +853 8118 9950



澳門金沙度假區
Sands
RESORTS
COTAI STRIP MACAO



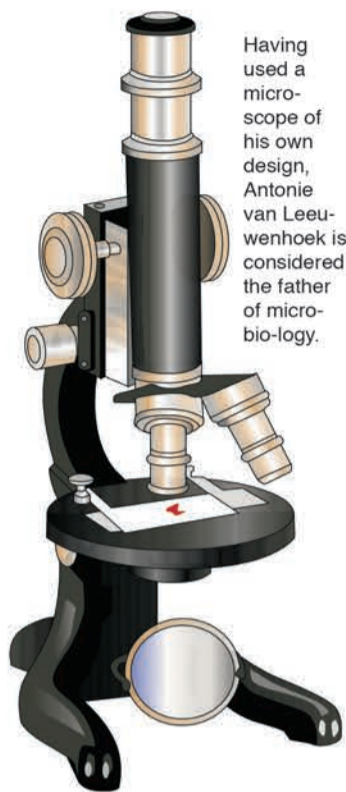
WORLD OF WONDER

Exploring the realms of history, science, nature and technology

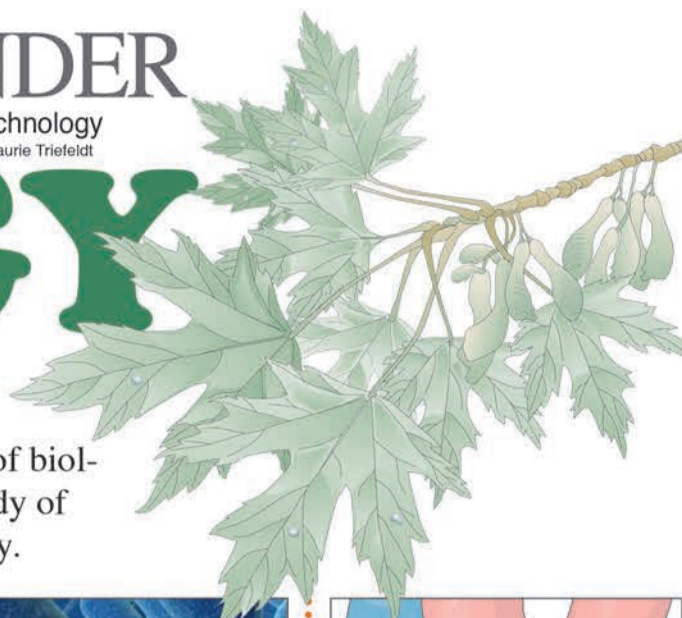
By Laurie Triefeldt

BIOLOGY

Biology is the scientific study of life and living organisms. Biologists study how life begins, how it survives, how it evolves or changes, and how organisms interact. The field of biology is very broad and covers many areas, including the study of cells, plants, animals, the human body, genetics and ecology.



Having used a microscope of his own design, Antonie van Leeuwenhoek is considered the father of microbiology.



In a word

The word **biology** comes from the Greek words "bios," which means "life," and "logia," which means "study of." Together, they mean the "study of life."

Studying life

Living things include both the visible world of animals, plants and fungi, as well as the invisible world of bacteria and other microorganisms.

The building blocks of life are **cells** (the basic unit of life) and **energy** (food for survival and growth). Life is organized; it grows, reproduces, responds to stimuli and adapts.

Taxonomy is the naming and grouping of organisms according to their characteristics and evolutionary history.

Key theories

The **cell** is the fundamental unit of all life. Every living organism is made up of one or more cells.

Genetics is the study of how organisms pass on features and traits from generation to generation.

Homeostasis is the process by which an organism or cell is able to regulate its conditions. For example, humans are able to regulate their body temperature to 98.6 degrees.

Energy is used by all living organisms. For example, humans use food such as vegetables and meat. Plants gather energy from the sun through photosynthesis.

Evolution is any genetic change in a population that is inherited over several generations. These changes may be small or large, noticeable or not so noticeable.

SOURCES: World Book Encyclopedia, World Book Inc.; www.kidsbiology.com; www.ducksters.com; www.dorak.info; Academic Kids Encyclopedia



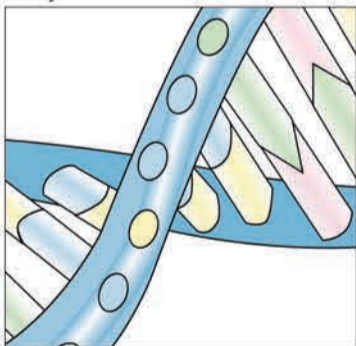
Red blood cells

Cells

All living things are composed of cells. Cells provide structure and stability for an organism. They provide **energy** and a way to reproduce.

Very tiny, cells range in size from 1 to 100 micrometers. Cells come in a variety of shapes and sizes, depending on their job.

The human body is made of about 37 trillion cells. A red blood cell takes 20 seconds to circulate around the human body. The **ovum** (egg cell) is the largest cell in the human body.

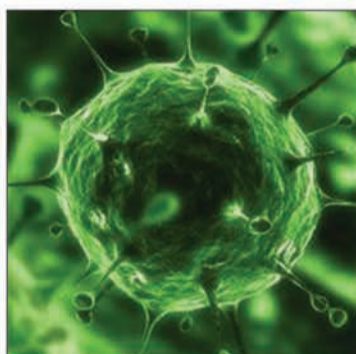


DNA strand

Genetics

Genetics is the branch of science that studies how traits are passed down from one generation to another. Genetic code is found on a molecule called **DNA**. **Chromosomes** come in pairs and are made of DNA and protein. The number of genes on a chromosome generally correlates with the size of the chromosome. Humans have 46 chromosomes (23 pairs), with about 3,000 genes. Mice have 40 chromosomes, but with about the same number of genes as humans.

Gender, intelligence and physical characteristics are all influenced by DNA.



Common cold virus

Microorganisms

Microorganisms are too small to see without a microscope. The study of microorganisms is called **microbiology**.

Microorganisms may be single-celled or multicellular. They can live wherever there is liquid water or even tiny amounts of moisture.

Under ideal conditions, a microorganism can multiply rapidly. Some may be beneficial to their plant, animal or organism host, but others are invasive and can cause disease.



Poison ivy

Plants

The study of plant life is called **botany**. There are about 400,000 known plant species on Earth, but there are probably thousands yet to be identified. Botanists study the genes of plants, how they breed and grow.

Photosynthesis is how most plants eat, using energy from the sun to make food.

Fungi do not photosynthesize. Instead, they feed by absorbing nutrients from the organic material in which they live.

Once considered to be plants, fungi now have their own kingdom. The study of fungi is called **mycology**.



Listeria monocytogenes bacteria

Bacteria

Bacteria are microorganisms that exist almost everywhere — in air, water, soil, plants, animals, people and food. We cannot live without bacteria. Some bacteria are harmful and can cause disease, but many species are beneficial. In soil and water, bacteria help recycle carbon, nitrogen, sulfur and other elements. These tiny microorganisms also play an important role in the digestive systems of animals and humans. Bacteria are even used to make food and medicine.



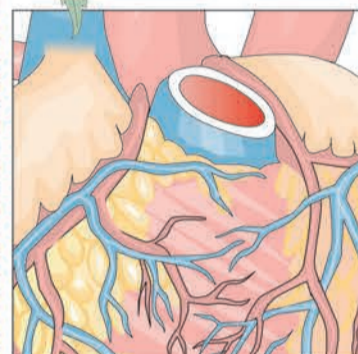
Monarch butterfly

Animals

Zoology is the study of animals. All animals grow, move on their own, hunt for food, have sensory and nervous systems and respond to their environment.

Animals without a backbone are called **invertebrates**. A lobster has an exoskeleton instead of a skeleton to give it shape. Some invertebrates, like the jellyfish, are entirely soft tissue. Invertebrates are cold-blooded and make up about 95 percent of the Earth's animals.

Vertebrates are animals that have a backbone and an internal skeleton. The skeleton gives the animal support, strength and shape.



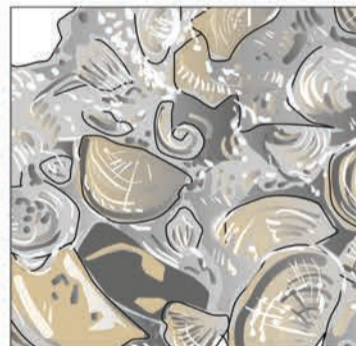
Human heart

Human Body

There are eight systems in the human body. Each system works with others to keep the body functioning.

The systems of the body include the **circulatory, immune, skeletal, excretory, muscular, endocrine, digestive, nervous and respiratory**.

The largest organ of the human body is the **skin**. The right half of the brain controls the left side of our body muscles, and the left half controls the right side.



Brachiopod

Evolution

Evolution happens when a species changes over many generations. Over millions of years, plants and animals have evolved into many different forms. Some have grown huge, some have grown tiny, some evolved to live on land, and others evolved to live in the sea. Evolution is guided by a simple law: **survival of the fittest**.

In biology, the theory of **common descent** proposes that all organisms on Earth are descended from a common ancestor or ancestral gene pool.

Once speculative, the theory of evolution has been strongly confirmed by the science of genetics.

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