but Atwood keeps the morality multifaceted, making a case for both pacifism and, when absolutely necessary, murder.

Technology is the apple in the garden. In the pre-flood world, it evolved faster than it could be assimilated. Technology overwhelmed its creators, preying on their basest instincts and enslaving and degrading them. Plucked from the tree, it spread and destroyed.

It is a pattern that threatens to repeat itself with the Crakers. Language, Atwood maintains, was humankind’s first technology, and one of the most oddly chilling scenes occurs when the Crakers take the first bite of the apple. Toby is teaching one of the Crakers — a young boy named Blackbeard — about writing. The innocent Blackbeard refuses to accept the idea that pieces of the sensual world around him can be captured in lines on paper. Toby persists, showing the boy his name on a page. “This is how your name begins. B. Like bees. It’s the same sound.” But Blackbeard replies “That is not me,” adding “It is not bees either.”

Blackbeard learns in the end. He has tasted the fruit of the tree. But language is shown to be a saviour too. The secret to a new beginning for Toby, Zeb and the Crakers lies in forging deep links between the experiences of the humans and the Crakers, as well as the Mo’Hairs, bees and even Pigoons. This is how they start the world anew: as a process of weaving different languages and understandings of the world into a unified tapestry. Atwood shows us that what is missing in the fast-evolving technological world is a constant awareness of the link between the iPAD and the exploited worker in China, or the hamburger on the plate and the factory-farmed cow.

Will Atwood’s imagined future be our own? Some elements of it will undoubtedly happen. Bioengineered meats are a staple in Atwood’s pre-flood world, and earlier this month a bovine stem-cell hamburger created by Mark Post, a tissue engineer at Maastricht University in the Netherlands, was cooked and eaten. Will our technologies swallow us? The book’s palindromic title suggests as much: disastrous ends yoked to new beginnings, with one flow ing into the other in a never-ending cycle. But MaddAddam also tells us, even in the face of a disaster, to persevere. Atwood’s book is a warning but also, in its final accounting, a hopeful meditation on the cycle of life, death and the possibility of life anew.

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Books in brief

Scarcity: Why Having Too Little Means So Much
Sendhil Mullainathan and Eldar Shafir ALLEN LANE (2013)

Two scientists reveal that scarcity — “having less than you feel you need” — is a central factor in a raft of societal challenges. Economist Sendhil Mullainathan and psychologist Eldar Shafir posit that when we lack money or attention, for example, we obsess about it, leaving us little mental capacity to plan, meet other needs or practise self-control. We can become entrapped and eventually derailed by a vicious cycle. By reframing the dynamic as a mindset rather than a human failing, Mullainathan and Shafir train a new lens on chronic obesity, endemic poverty and desperate loneliness.

Deep Sea and Foreign Going: Inside Shipping, the Invisible Industry That Brings You 90% of Everything
Rose George PORTOBELLO BOOKS (2013)

Some 746 million bananas (“one for every European”) can fit into the largest container ship, notes journalist Rose George. About 100,000 cargo carriers ply the world’s oceans, transporting 90% of our stuff. Yet these metallic Moby Dicks criss-crossing the lawless reaches of international waters can be hotbeds of crime, magnets for piracy and nemeses for sea life. Travelling with George on the Maersk Kendal from Felixstowe in the United Kingdom to Singapore, we are regaled — and horrified — by her salvo of facts. Riveting.

Five Days at Memorial: Life and Death in a Storm-Ravaged Hospital
Sheri Fink CROWN (2013)

Medical ethics and disaster management take centre stage in this harrowing chronicle of a hospital besieged by Hurricane Katrina. Pulitzer-prizewinning journalist Sheri Fink tells how for five days in August 2005, a botched evacuation left hundreds trapped in the hot, increasingly filthy Memorial Medical Center in New Orleans. A handful of doctors and nurses were then alleged to have injected some of the severely ill with lethal drug doses. Fink reports on the ensuing nightmare with clarity and not a little compassion.

The Secret World of Sleep: The Surprising Science of the Mind at Rest
Penelope A. Lewis PALGRAVE MACMILLAN (2013)

The sleeping brain is not at rest: so reveals neuroscientist Penelope Lewis in this nippy primer on the biology and behaviour associated with snoozing. There is much to fascinate, such as the beneficial synaptic clear-outs enacted by slow-wave sleep, and the ascending reticular activating system — brainstem ganglia that send neurotransmitters to the rest of the brain to signal that it is time to wake up. From the latest on narcolepsy to the sleep-inhibiting qualities of smoked meat, this is wide-awake science.

Old Man River: The Mississippi River in North American History
Paul Schneider HENRY Holt (2013)

It has been a bath for mammoths, a road for steamboats and a headache for engineers. The mighty Mississippi is a river that defines a nation, its tributaries branching out across the United States from Montana to Pennsylvania. In his natural and cultural history, Paul Schneider takes us from its origins 200 million years ago to its damned and polluted present. His vast cast of heroes and eccentrics includes nineteenth-century showman Albert Koch, who haphazardly assembled fossils dug from Mississippi mud. Barbara Kiner