

# CHEMISTRY AND MINERALOGY FROM THE LABORATORY OF THE UNITED STATES

And speak the tongues of man and drake..Wednesday morning, January 10, he wired one and a half million dollars from the Gammoner account to Pinchbeck in Switzerland. Then he closed out the account in the Grand Cayman bank.."I know how to build boats, how to sail boats."..Besides, being a future-focused guy who believed that the past was a burden best shed, he never made an effort to nurture memories. Sentimental wallowing in nostalgia had none of the appeal for him that it had for most people..Requests for permission to make copies of any part of the work should be mailed to the following address:..She leaned against the apartment door for a long moment, holding on to the doorknob and to the thumb-turn of the second deadbolt, as though she were convinced that if she let go, she would float off the floor like a cloud-stuffed child..After poring through enough sensational newspaper accounts to be convinced that the curse-casting reverend was undeniably dead, Junior had acquired four pieces of surprising information. Three were of vital importance to him..Amazed, Agnes gaped at her baby. The throat lump that blocked her speech was part pride, part awe, and part fear, though she didn't at once understand why this wonderful precociousness should frighten her..The telephone rang, putting an end to their chat, but Agnes would remember the substance of it later that year, on the day before Christmas, when Barty took a walk in the rain and changed forever his.As red as Angel had been for her evening outing, she was that yellow for retirement to bed in her own home. Two-piece yellow jersey pajamas. Yellow socks. At the girl's request, Celestina had tied a soft yellow bow in her mass of springy hair..Instinct, even reason, told him that some connection existed between this person, this Bartholomew, and Celestina. The name had terrified Cain in a bad dream, the very night of the day that he'd killed Naomi, and Vanadium therefore had incorporated it into his psychological-warfare strategy without knowing its significance to his suspect. As strongly as he sensed the connection, he couldn't find the link. He lacked some crucial bit of information..With her brothers, she adjourned to the waiting room, where the three of them sat drinking vending-machine coffee, black, from paper cups..During Barty's hospitalization, they had graduated from the young adult novels by Robert Heinlein to some of the same author's science fiction for general audiences. Now, pajamaed and in bed, with his sunglasses on the nightstand but his padded eye patches still in place, Barty listened, rapt, to the beginning of Double Star.Turning away from the window, Celestina grabbed the girl and pushed her toward the bed, whispering, "Down, under."..Stepping forward lightly, lightly, as he swung the candlestick, Junior saw the dinner guest stiffen, perhaps sensing danger or at least movement, but it was too late. The guy didn't even have time to turn his head or duck..Startled, the pianist turned to face him-and backed off a step, as though his personal space had been too deeply invaded. "Oh, well, thank you, that's kind. I love my work, you know, it's so much fun it hardly qualifies as work at all. I've been playing the piano since I was six, and I was never one of those children who whined about having to take lessons. I simply couldn't get enough."..According to the newspapers, the police also credited him with the murders of Naomi, Victoria Bressler, and Ned Gnathic (whom they had connected to Celestina). He was wanted, too, for the attempted murder of Dr. Walter Lipscomb (evidently Ichabod), for the attempted murder of Grace White, and for assault with intent to kill Celestina White and her daughter, Angel, and for the assault on Lenora Kickmule (whose foxtail-bedecked Pontiac he had stolen in Eugene, Oregon)..She also sought forgiveness for the hardness with which she had treated Nicholas Deed.."We don't sell no pizza," Angel said, because lately they had received a few calls for a new pizzeria with a phone number one digit different from theirs..As he rose from his chair, Barty began to reacquaint himself with the feeling of all the ways things are, began to bend his mind around the loops and rolls and tucks of reality that he had perceived on the roller coaster that day, and by the time he had followed Angel and Tom to the bottom of the stairs and into the oak-shaded yard behind the house, the day faded into view for him..Yet his curious attraction to these newborns kept him at the window, and he began to believe that unconsciously he had intended to come here from the moment he guided his walker out of his room. He'd been compelled to come. Drawn by some mysterious magnetism..Unable to speak, the girl kissed her and then gently placed her head against Agnes's breast, capturing forever in memory the pure sound of her heart..Instead of staring at Barty directly, he watched Angel as she studied the eyeless boy. She had exhibited no horror at the concave slackness of his closed lids, and when one lid fluttered up to reveal the dark hollow socket, she hadn't shown any revulsion. Now she moved closer to Barty's chair, and when she touched his cheek, just below his missing left eye, the boy didn't flinch in surprise..He had taken refuge in meditation, because he'd been frustrated by his continuing failure in the Bartholomew hunt and disturbed by his apparently paranormal experiences with quarters and with phone calls from the dead. More deeply disturbed than he had realized or had been able to admit..The painkiller was not morphine-based, and it did not signal its presence in the system by inducing sleepiness or even a faint blurring of the senses. After forty minutes, however, he was sure that it must be effective, and he put the book aside..Golden lamplight gilded the front windows downstairs. He would sit with Victoria on the living-room sofa, sipping wine as they got to know each other. She might tell him to call her Vicky, and maybe he'd ask her to call him Eenie, the affectionate name Naomi had given him when he wouldn't tolerate Enoch. Soon, they would be necking like two crazy kids. Junior would disrobe her on the sofa, caressing her smooth pliant body, her skin buttery in the lamplight, and then he would carry her, naked, to the dark bedroom upstairs..In the afternoon, Dr. Schurr came to the hospital to review test results and to reexamine Barty. When the early-winter twilight gave way to night, he sent them back to Dr. Chan, and Agnes didn't press Schurr for an opinion. All day she'd been impatient for a diagnosis, but suddenly she was loath to have the facts put before her..Celestina was unable to talk reason to him, and even her mother, Grace, who was living here for the interim and who was always oil on the stormiest of waters, couldn't bring a moment's calm to the velvet squall that was Neddy Gnathic in full blow. He had learned

about the baby five days ago, and he had been building force ever since, like a tropical depression aspiring to hurricane status..Three doors in the dark hallway: one to the right, ajar, and two to the left, both closed..Looking from one to another of his companions, Tom said, "When I think of everything that had to happen to bring us here tonight, the tragedies as well as the happy turns of fortune, when I think of the many ways things might have been, with all of us scattered and some of us never having met, I know we belong here, for we've arrived against all odds." His gaze traveled back to Agnes, and he gave her the answer that he knew she hoped to hear. "This boy and this girl were born to meet, for reasons only time will reveal, and all of us ... we're the instruments of some strange destiny." A stab of horror punctured Celestina as she failed to repress a mental image of a carnival-sideshow monster, half dragon and half insect, coiled in her sister's womb. She hated the rapist's child but was appalled by her hatred, for the baby was blameless..He was unconscious, wired to a heart monitor, pierced by an intravenous-drip line. Clipped to his septum, an oxygen feed hissed faintly, and from his open mouth rose the barely audible wheeze of his breathing..Maybes were for babies, but Caesar Zedd had failed to provide a profundity with which Junior could ward off the what-ifs as easily as the maybes..Ordinarily, a child of three would be too young to learn the use of a blind man's cane, but Barty wasn't ordinary. Initially, no cane was available for such a small child, so Barty began with a yardstick sawn off to twenty-six inches. By his last day, they had for him a custom cane, white with a black tip; the sight of it and all that it implied brought tears to Agnes just when she thought her heart had toughened for the task ahead..Knuckle over knuckle, snared in the web of thumb and forefinger, vanishing into the purse of the palm, secretly traversing the hand, reappearing, knuckle over knuckle, the coin glimmered as it turned.. "Seems like," Vanadium agreed. "So a man like Cain obsesses on one thing after another-sex, money, food, power, drugs, alcohol, anything that seems to give meaning to his days, but that requires no real self-discovery or self-sacrifice. Briefly, he feels complete. However, there's no substance to what he's filled himself with, so it soon evaporates, and then he's empty again." Two things about him were remarkable, beginning with his face. His head was wrapped with white gauze bandages, so he looked like Claude Rains in *The Invisible Man* or like Humphrey Bogart in that movie about the escaped convict who has plastic surgery to foil the police and to start a new life with Lauren Bacall. Blond hair sprouted from the top of the elaborate wrappings. Otherwise, only his eyes, his nostrils, and his lips were uncovered.. "But what made you choose that life? You must have committed to the seminary awfully young." "Mom always says that pigs will surely fly one day if ever Daddy chooses to convince them that they've got wings." As she commented on each masterpiece, Frieda grew steadily less coherent. She had drunk a few cocktails, the better part of a bottle of Cabernet Sauvignon, and two after-dinner brandies..He spent the afternoon with her and stayed for dinner. He ate at her bedside, feeding both himself and her, balancing the progress of his meal with hers, so they finished together. He'd never fed her before, yet he wasn't awkward with her, or she with him, and later what he remembered of dinner was the conversation, not the logistics..With a smudge of flour on one cheek, wiping her hands on a red-and-white checkered dishtowel, Agnes answered the door, saw the car in the driveway, and said, "Paul! You're not walking?" I got Starkweather, killing all those people with no hope of personal gain. You got maniac cops and this new war in Vietnam..Paul said, "I wanted you ... I don't know ... I just wanted you to see her. I wanted to say ... to say. . ." Maria's belief in the efficacy of this ritual was not as strong as her faith in the Church, but nearly so. As she leaned over the votive glass, watching the final fragment dissolve into ashes, she felt a terrible weight lifting from her.. "I mean," said Dr. Lipscomb, "that I'm selling my practice and putting an end to my medical career. I wanted you to know." On Tuesday, less than twenty-four hours after Naomi's funeral, Knacker, Hisscus, and Nork--representing the state and the county held preliminary meetings with Junior's lawyer and with the attorney for the grieving Hackachak clan. As before, the well-tailored trio was conciliatory, sensitive, and willing to reach an accommodation to prevent the filing of a wrongful-death suit..He was immensely weary, limp. He felt oppressed, as though a great weight were piled on him. Even keeping his eyes open was tiring..AT THE END OF THE fourth book of Earthsea, Tehanu, the story had arrived at what I felt to be now. And, just as in the now of the so-called real world, I didn't know what would happen next. I could guess, foretell, fear, hope, but I didn't know..Wally switched off the engine and killed the headlights. "Home, where the heart is." "That's obvious to us, but not always to others. Apparently, this would have been some years ago." With every step through the long night walk, Paul had considered what he would say, must say, if this encounter ever took place. Now all his practiced words deserted him..Barty whispered: "The North Pole Society of Not Evil Adventurers is now in session." By Thursday, September 23, due to Junior's accident and surgery, the draft board--which had reinstated his I -A status after he'd lost the exemption that had come with his former job as a rehabilitation therapist--agreed to schedule a new physical examination in December..The silence on the line was not merely that of a caller holding her tongue. It was abyssal and perfect, as no silence on a telephone ever can be, without the faintest hiss or crackle of static, no hint of breathing or..Onto its roof now, the Pontiac spun as it slid, grinding loudly against the blacktop, and regardless of how determinedly Agnes held on, she was being pulled out of her seat, toward the inverted ceiling and also backward. Her forehead knocked hard into the thin overhead padding, and her back wrenched against the headrest..Wally Lipscomb parked in his garage, switched off the engine, and started to get out of the Buick before he saw that Celestina had left her purse in the car..The time had come for him to think more seriously about his situation and his future. Self-improvement remained a laudable goal, but his efforts needed to be more focused..Trembling and sweating, he turned his back to the view window. As he retreated from the creche, he expected the oppressive pall of fear to lift, but it grew heavier..Agnes got out of bed, switched on the lamp, and tucked Barty in once more. "Say your silent prayers." Rudy Hackachak--Big Rude to his friends--was six feet four, as rough-hewn as a log sculpture carved with a woodsman's ax. In a green polyester suit with sleeves an inch too short, an unfortunate urine yellow shirt, and a tie that might have been the national flag of a third world

country famous for nothing but a lack of design sense, he looked like Dr. Frankenstein's beast gussied up for an evening of barhopping in Transylvania..He was astonished that adoption records would be sealed and so closely guarded when a child was being placed with a member of its immediate family, with its mother's sister..This night in Weott, with the high solemn silence of the redwood forests out there now and waiting to embrace him in the morning, he slept without dreams..Google didn't realize that he was an object of disgust. He wiggled his eyebrows in what he evidently assumed to be an expression of male camaraderie, and he nudged Junior with one elbow..Visibly nonplussed by Junior's blithe failure to terminate the handshake when the shaking stopped, the fussy Neddy didn't want to be so rude as to yank his hand loose, or to cause a scene regardless of how small, but Junior, smiling and pretending to be as socially dense as concrete, failed to respond to a polite tug. So Neddy waited, allowing his hand to be held, and his face, previously as white as piano keys, brightened to a shade of pink that clashed with his red boutonniere..Angel interrupted, bursting into the room, gasping for breath. "Come quick! It's incredible. It's wonderful. You've got to see this. And I mean, Barty, you have to see this."..Previously, Miss Pixie Lee had been from Texas, but Angel had recently heard that Georgia was famous for its peaches, which at once captured her imagination. Now Pixie Lee had a new life in a Georgia mansion carved out of a giant peach.."Well, anyway," she said, as though Muffins uncharacteristic viciousness had been adequately explained, "this mending ought to cover ten more lessons."..He doused the light and crouched motionless in the absolute darkness, leaning against a wall of the dumpster to steady himself, because his feet were planted in slippery layers of fog-dampened plastic trash bags.."Well, with so much on His shoulders, He can't always watch us directly, you know, with His fullest attention every minute, but He's always at least watching from the corner of His eye. You'll be all right. I know you will.".. "Come with me," Paul Damascus said at once. "To Bright Beach. It is far away from San Francisco, and he'd never think of looking for you there. Why would he? You've no connection to the place. I've got a house with enough room. You're welcome. And you wouldn't be among strangers."..Agnes pulled the stack of cards in front of her. She discarded the first two, as Maria would have done, and turned over the third..After a while, a voice broke the vacuum-perfect silence. Bob Chicane. His instructor..He had not heard the lawman rising up with malevolent intent, as he had imagined. The body had simply rolled off the backseat onto the floor during the too-sharp 180-degree turn..While always Agnes held fast to hope, she knew that easy hope was usually false hope, and she didn't allow herself to speculate, even briefly, that his problem had resolved itself. Other symptoms-halos and rainbows-had disappeared for a time, only to return..Carrying the candlestick, he raced to the kitchen at the end of the short hall. The door stood open, but he had to enter the room to see Victoria slumped in one of the two chairs at the small dinette..With Angel at breakfast, instead of just Uncle Jacob, at least Barty had someone to talk to, even if she did insist on speaking more often through her dolls than directly. Apparently, the dolls were on the table, propped up with bowls. The first, Miss Pixie Lee, had a high-pitched, squeaky voice. The second, Miss Velveeta Cheese, spoke in a three year-old's idea of what a throaty-voiced, sophisticated woman sounded like, although to Barty's ear, this was more suitable to a stuffed bear..He supposed Victoria might have a visitor. Perhaps a relative or a girlfriend. Not a man. No. She knew who her man was, and she would have no other while she waited for the chance to surrender to him and to consummate the relationship that had begun with the spoon and the ice in the hospital ten days previously..Maria, however, lived comfortably with both the Catholicism and the occultism in which she had been raised. In Hermosillo, Mexico, the latter had been nearly as important to the spiritual life of her family as had been the former.."What wound? Junior wanted to ask, but he recognized bait when he heard it, and he did not bite.."Our little girl's going to walk backward her whole life if you drive in reverse all the way to the hospital."..Since he knew where Celestina would be on January 12, there was no point in taking risks to find her sooner. He had plenty of time to prepare for their encounter, time to savor the sweet anticipation..Thursday evening, his third in the hotel, he returned to the lounge for cocktails and another steak. The same tuxedoed pianist provided the entertainment..do further testing, of course, but not until he's been stabilized at least twelve hours. Personally, I don't think we'll find any physical cause. Most likely, this was psychological-acute nervous emesis, caused by severe anxiety, the shock of losing his wife, seeing her die.'..He yearned for a new heart mate. He was wise enough to know that no amount of yearning could transform the wrong woman into the right one. Love couldn't be demanded, planned, or manufactured. Love always came as a surprise, snuck up on you when you were least expecting it, like Anthony Perkins in a dress..Twenty minutes later, at home, he poured sherry over ice. Sipping, he stood in the living room, admiring his two paintings..He half expected to hear Thomas Vanadium in the distance, softly singing "Someone to Watch over Me."..Fragments of the broken wineglass crunched under his shoes as he crossed the small kitchen to the dinette. He opened the bottle of vodka and put it on the table in front of the dead woman..At the elevators, the orderly suggested that Edom and Jacob take a second cab and meet them on the surgical floor..Junior Cain was committed to continuous self-improvement. He believed in the need constantly to expand his knowledge and horizons order to better understand himself and the world. The quality of life was solely the responsibility of oneself he author of *How to Have a Healthier Life through Autohypnosis* was Dr. Caesar Zedd, a renowned psychologist and best-selling author of a dozen self-help texts, all of which Junior owned in addition to the literature that he had acquired from the book club. When he had been only fourteen, he'd begun buying Dr. Zedd's titles in paperback, and by the time he was eighteen, when he could afford to do so, he'd replaced the paperbacks with hardcovers and thereafter bought all the doctor's new books in the higher-priced editions. The collected works..Impressed by the sureness and swiftness with which the blind boy negotiated the steps and set off across the lawn, Tom didn't initially notice anything unusual about his stroll through the deluge..squint-eyed, sharp-faced night clerk must not have been the owner, because he wasn't the type to have dreamed up cute spellings for the sign out front. Judging by his appearance and attitude, he was a former Nazi death-camp commandant

who fled Brazil one step ahead of the Israeli secret service and was now hiding out in Oregon..In the living room, the central and largest window framed a magnificent view, and swagged silk brocatelle draperies framed the window. An oversize hand-painted and heavily gilded chaise lounge, upholstered in an exquisite tapestry, stood against this backdrop of city and silk, and Renee pulled Junior down upon the chaise, desperate to be ravished there..Because Junior's right arm was encumbered by the bracing board and the intravenous needle, he tugged a mass of tissues from the box with his left hand..Finding nothing more of interest in the study, he considered searching the rest of the house..He found the strength to squeeze her hand tighter than before. "Be safe. Keep Angel safe." The runt was so out of proportion to his office furniture that he appeared to be a bug perched in the giant leather executive chair, which itself looked like the maw of a Venus's--flytrap about to swallow him for lunch. He allowed such a lengthy silence to follow Junior's question that by the time he answered, his reply was superfluous..Fear of the unknown is a weakness, for it presumes dimensions to life beyond human control. Zedd teaches that nothing is beyond our control, that nature is just a mindlessly grinding machine with no more mysteries in it than we will find in applesauce..AS MEANINGFUL AS Jacob's death had been within the small world of his family, Agnes Lampion never lost sight of the fact that there were more resonant deaths in the larger world before 1968 ended and the Year of the Rooster followed. On the fourth of April, James Earl Ray gunned down Martin Luther King on a motel balcony in Memphis, but the assassin's hopes were foiled when, because of this murder, freedom grew more vigorously from the richness of a martyr's blood. On June 1, Helen Keller died peacefully at eighty-seven. Blind and deaf since early childhood, mute until her adolescence, Miss Keller led a life of astonishing accomplishment; she learned to speak, to ride horses, to waltz; she graduated cum laude from Radcliffe, an inspiration to millions and a testament to the potential in even the most blighted life. On June 5, Senator Robert F. Kennedy was assassinated in the kitchen of the Ambassador Hotel in Los Angeles. Unknown numbers died when Soviet tanks invaded Czechoslovakia, and hundreds of thousands perished in the final days of the Cultural Revolution in China, many eaten in acts of cannibalism sanctioned by Chairman Mao as acceptable political action. John Steinbeck, novelist, and Tallulah Bankhead, actress, came to the end of their journeys in this world, if not yet in all others. But James Lovell, William Anders, and Frank Borman-the first men to orbit the moon-traveled 250,000 miles into space, and all returned alive..Junior was motivated not by twisted needs, but by rational self interest. Consequently, he opted to load the detective's body into the cramped backseat of the Studebaker with all limbs intact and head attached.."Well, he was an insurance agent, and numbers are important in that line of work. And he was a good investor, too. Not the whiz you are with numbers, but I'm sure you got some of your talent from him..Agnes meant to stop Maria from turning the eleventh card, but her curiosity was equal to her apprehension..Leave the lamps burning, the door unlocked. A murderer, frantic to vanish while the victim remained undiscovered, wouldn't be worried about the cost of electricity or about protecting against burglary..Angel, as if in God's own hands, stared with round-eyed wonder at the physician..He was uncharacteristically restive. His stoic nature, his long learned Jesuit philosophy regarding the acceptance of events as they unfold, and the acquired patience of a homicide detective were insufficient to prevent frustration from taking root in him. In the more than two months since Enoch Cain vanished, following the murder of Reverend White, no trace of the killer had been found. Week by week, the slender sapling of frustration had grown into a tree and then into a forest, until Tom began every morning by looking out through the tightly woven branches of impatience..calm. He tried to imagine what Victoria's breasts would look like, freed from all restraint..Having been so wounded by one death, Celestina could not imagine how Lipscomb could have survived the loss of his entire family. Pity knotted her heart and cinched her throat so that she spoke in little more than a whisper: "Was that the American Airlines. . .".The night was in flight, however, and he had a lot to do before it swooped straight into morning..Since childhood, he had been waiting for this moment-if indeed it was The Moment-and he had nearly lost hope that the much-desired encounter would ever come to pass. He had expected to find others with his perceptions among physicists or mathematicians, among monks or mystics, but never in the form of a three-year-old girl dressed all in midnight-blue except for a red belt and two red hair bows..The two bereaved women huddled at one end of the living room, tearful, touching, talking quietly, wondering together if there was any way that each could help the other to fill this sudden, deep, and terrible hole in their lives..For a moment," Lipscomb continued, "her voice became clear, no longer slurred. She raised her head from the pillow, and her eyes fixed on me, all the confusion gone. She was so ... intense. She said ... she said, 'Rowena loves you.' Frustrated again, she said simply, "Whenever Edom and Jacob talk about these things, I want you to be sure always to keep in mind that life's about living and being happy, not about dying." With all twelve fragments destroyed, the curse should have been lifted from little Bartholomew: the threat of the unknown, violent enemy who was represented by the four knaves. Somewhere in the world, an evil man existed who would one day have killed Barty, but now his journey through life would take him elsewhere. Eleven saints had been given twelve shares of responsibility for lifting this curse..demons: hypodermoclysis ... intravenous oxytocin ... maintain perfect asepsis, and I mean perfect, at all times ... a few oral preparations of ergot as soon as it's safe to give her anything by mouth.It wasn't as if this was Junior's first encounter with a dead body. In the past few years, he'd become as comfortable with the deceased as any mortician might be. They were as unremarkable to him as cupcakes were to a baker.."Yes," she admitted, her face still close to his, "I'm afraid. But Dr. Chan is a fine surgeon, and this is a very fine hospital."..He considered himself to be a thoroughly useless man, taking up space in a world to which he contributed nothing, but he did have a talent for baking. He could take any recipe, even one from a world-class pastry chef, and improve upon it..Carrying him to the window, gazing up at the stars, the moon, she said, "I'll always read to you, Barty.".."What was it like, Enoch? Did you look into her eyes when you pushed her?" Vanadium's uninflected monologue was like the voice of a conscience that preferred to torture by droning

rather than by nagging. "Or doesn't a woman-killing coward like you have the guts for that? ".Candle flames blurred into bright smears, and the faces of her good parents shimmered like the half-seen countenances of angels in dreams.."If they always go there, smooosh--smooosh, then you're going to wind up with one really fat finger." \*.As if he'd been presented with many previous photos under these circumstances, Jonas Salk accepted the picture. "Your daughter?".The house was empty, silent. Hanna worked only days. Nellie Oatis, Perri's companion, was not employed here anymore..Wally's own house was in the same neighborhood, a block and a half away, a three-story Victorian gem that he entirely occupied.. "From time to time now, you're going to be written about," Helen warned. "Be prepared for a peevish critic or two, furious about your optimism." .With Barty's presence, Christmas Eve dinners had become even more agreeable, especially this year when he was almost-three-going-on-twenty. He talked about the visits to friends that he and his mother and Edom had made earlier in the day, about Father Brown, as if that cleric-detective were real, about the puddle-jumping toads that had been singing in the backyard when he and his mother had arrived home from the cemetery, and his chatter was engaging because it was full of a child's charm yet peppered with enough precocious observations to make it of interest to adults..Worrying is what mothers do best. Celestina was her mother, as far as Angel was concerned, and the child was not yet of an age to be told, and to understand, that she had been blessed with two mothers: the one who gave birth to her, and the one who raised her..Month by month during Barty's first year, Agnes's belief in his exceptional intelligence was only confirmed by his development. By the end of the second month of life, most babies will smile in response to a smile, and they are able to smile spontaneously in the fourth month. Barty was smiling frequently in his second week. In the third month, many babies laugh out loud, but Barty's first laugh came in his sixth week.

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