## WOMAN WITHOUT FEAR

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As she slowly lowered her hand, we heard the unearthly hiss of a deadly snake.

woman with a gigantic king cobra probably one of the few people who than nearly any other subject. Grace is nonsense written about 'snake charming' around like cats. There's been more over the world. She lets them wander poisonous snakes, imported from all "Grace lives in a little house full of head to quiet him. Dr. Mann told me: camera while his mistress stroked his hood and was looking intently into the hose. The snake had partly spread his draped over her shoulders like a garden D.C., handed me a picture of a tiny National Zoological Park in Washington, William Mann, former director of the first heard of Grace Wiley when Dr. know the real secrets of this curious

Looking at the picture of that deadly creature, I knew what a famous writer meant when he described a snake as a "running brook of horror." Still, I like snakes and when my wife, Jule, and I moved into our Malibu house, I made it a point to call on Grace Wiley.

She was living near Cypress, outside Los Angeles, in a small three-room cottage surrounded by open fields. Behind the cottage was a big, ramshackle barn where the snakes were kept. Grace was cleaning snake boxes with a hose when I arrived. She was a surprisingly little woman, scarcely over five feet tall, and probably weighed less than a hundred pounds. Although Grace was sixty-four years old, she was as active as a boy and worked with smooth

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dexterity. When she saw me, she hurriedly picked up the four-foot rattlesnake who had been sunning himself while his box was being cleaned and poured him into his cage. The snake raised his head but made no attempt to strike or even to rattle. I was impressed but not astonished. In captivity, rattlers often grow sluggish and can be handled with comparative impunity.

their huge jaws to hiss at me. without mishap, although several opened long. I threaded my way among them Florida 'gator more than twelve feet from a three-foot Chinese croc to a big alligators and crocodiles. They ranged time in the high grass a dozen or so as I came forward. I noticed for the first Don't trip over an alligator," she added Mother-and she's eighty-four years old to help me with the snakes except brown hair. "But I haven't anybody here trying to smooth down her thatch of to get dressed up for you," she said, hands on her apron. "Oh dear, I meant Grace came forward, drying her

"They don't mean anything by that, any more than a dog barking," Grace explained fondly. "They're very tame and most of them know their names. Now come in and meet my little family of snakes."

We entered the barn. The walls were lined with cages of all sizes and shapes containing snakes. Grace stopped at each cage, casually lifting the occupant

and pointing out his fine points while she stroked and examined him. Grace unquestionably had one of the world's finest collections of reptiles. I watched her handle diamondback rattlesnakes from Texas, vipers from Italy, fer-de-lance from the West Indies, a little Egyptian cobra, and the deadly krait from India.

Then I saw Grace perform a feat I would have believed impossible.

We had stonged in front of a line was to be a line with the line was to be a line with the line was to be a l

We had stopped in front of a large, glass-fronted cage containing apparently nothing but newspaper. "These little fellows arrived only a short time ago, so they're very wild," explained Grace indulgently. She quietly lifted the paper. Instantly a forest of heads sprang up in the cage. Grace moved the paper slightly. At the movement, the heads seemed to spread and flatten. Then I saw that they were not heads but hoods. I was looking at the world's most deadly creature—the Indian cobra.

Tigers are said to kill six hundred people a year, but cobras kill twenty-five thousand people a year in India alone. Hunters have been mauled by wounded elephants and lived to tell about it, but no one survives a body bite from a big cobra. I have caught rattlesnakes with a forked stick and my bare hands, but I'm not ashamed to say I jumped back from that cage as though the devil were inside—as indeed he was.

Grace advanced her hand toward the nearest cobra. The snake swayed like a

uncanny sound. Grace deliberately tried anyone who did not cringe at that cold, banjo string. Then he struck. The cobra hesitated a split second, his Quietly, Grace presented her open palm cobra struck at her hand. He missed. to touch the rigid, quivering hood. The the roar of a lion, but I have never seen seen children laugh with excitement at unearthly hiss of a deadly snake. I have her hand, the snake gave that most watch her. As the woman slowly lowered head, the reptile twisting around to terrible of all animal noises-the Grace raised her hand above the snake's reed in the wind, feinting for the strike. reared body quivering like a plucked

slipped her other hand under the snake's caress him. Suddenly the snake went under her touch. Grace continued to shut. Then Grace slid her hand over his to look Grace in the face; his dancing were a baby. The cobra raised his head some incredible reason with his mouth times against Grace's palm, always for tongue was less than a foot from her held the reptile in her arms as though he body and lifted him out of the cage. She limp and his hood began to close. Grace hissed again and struggled violently head and stroked his hood. The snake a punching bag, the snake struck three rapidly as an expert boxer drumming on He struck with his mouth closed. As Grace's hand, but the cobra did not bite. I felt sick as I saw his head hit

mouth. Grace braced her hand against the curve of his body and talked calmly to him until he folded his hood. He curled up in her arms quietly until I made a slight movement; then he instantly reared up again, threatening me.

I had never seen anything to match this performance. Later, Grace opened the cobra's mouth to show me that the fangs were still intact. The yellow venom was slowly oozing over their tips.

If Grace Wiley had wished to make a mystery out of her amazing ability I am certain she could have made a fortune by posing as a woman with supernatural power. There isn't a zoologist alive who could have debunked her. But Grace was a perfectly honest person who was happy to explain in detail exactly how she could handle these terrible creatures. I spent several weeks with her studying her technique and now that I understand it I'm even more impressed than I was before.

When a cobra attacks, it rears straight upward. If you put your elbow on a table, cup your hand to represent the open hood, and sway your forearm back and forth, you have a good idea of the fighting stance of a cobra. Your index finger represents the tiny, mouse-like head that does the business. Your range is limited to the length of your forearm. Here is a large part of the secret in handling cobras. With a little

practice you can tell a cobra's range to the inch. Also, the blow of a cobra is comparatively slow. Someone with steady nerves can jerk away in time to avoid being bitten.

Another important thing to understand in handling a cobra is his method of striking. His fangs are short and do not fold back. Instead of stabbing, he must actually bite. He grabs his victims and then deliberately chews while the venom runs down into the wound he is making.

When Grace approached a wild cobra, she moved her hand back and forth just outside the snake's range. The cobra would then strike angrily until he became tired. Then he was reluctant to strike again. Grace's next move was to raise her hand over the snake's hood and bring it down slowly. Because of his method of rearing, a cobra cannot strike directly upward, and Grace could actually touch the top of the snake's head. The snake became puzzled and frustrated. He felt that he was fighting an invulnerable opponent who, after all, didn't seem to mean him any harm.

Then came the final touch. Grace would put her open palm toward the snake. At last the cobra was able to hit her. But he had to bite and he could not get a grip on the flat surface of the palm If he could get a finger or a loose fold of skin he could fasten his teeth in it and start chewing. But his strike is

sufficiently slow that Grace could meet each blow with the flat of her palm. At last Grace would be able to get her hand over the snake's head and stroke his hood. This seemed to relax the reptile and from then on Grace could handle him with some degree of confidence.

I don't mean to suggest that this is a cut-and-dried procedure. Grace knew snakes perfectly and could tell by tiny, subtle indications what the reptile would probably do next. She had been bitten many times—she would never tell me just how many—but never by a cobra. You're only bitten once by a cobra.

"Now I'll show you what I know you're waiting to see." said Grace as she put the snake away. "My mated pair of king cobras." Dropping her voice reverently, she added, "I call the big male 'The King of Kings." She led the way to a large enclosure and for the first time in my life I was looking into the eyes of that dread reptile, the king cobra or hamadryad.

The common cobra is rarely more than five feet long. Even so, he has enough venom in his poison glands to kill fifty people. Grace's king cobras were more than fifteen feet long. The two hamadryads contained enough venom, if injected drop by drop, to kill nearly a thousand human beings. That wasn't all. The hamadryad is the only snake known to attack without any provocation. These fearful creatures

have been reported to trail people through a jungle for the express purpose of biting them. They are so aggressive that they have closed roads in India by driving away all traffic. This is probably because the hamadryads, unlike other snakes, guard their eggs and young, and if a pair sets up house-keeping in a district, every other living thing must get out—including elephants. When a king cobra rears up, he stands higher than the head of a kneeling man. They are unquestionably the most dangerous animals in the world today.

one side of the cage and then sliding in until both of the hamadryads were on door. She outwitted them by waiting soon learned to lie against the side of for a fraction of a second. These cobras snakes, hamadryads are knowing enough the cage and wait for Grace to open the fresh water, the hand must be exposed the door in the side of the cage to put in to notice that when their keeper opens cage with a sliding partition. Unlike other Grace called it. She put them in a large lower jaws open to expose the poison than four feet, snorting and hissing, their unapproachable. They reared up more kings first arrived, they were completely method of working with them. When the she had to devise an entirely new them as she would ordinary cobras; so monsters, she was unable to handle When Grace first got these "A very threatening look, indeed,"

the partition before changing water pans.

She did not dare go near them with her bare hands; she used a padded stick to stroke them. Yet she was able to touch them four days after their arrival. "I petted the kings on their tails when their heads were far away," she told me. "Later in the day I had a little visit with them and told them how perfectly lovely they were—that I liked them and was sure we were going to be good friends."

of these creatures is unbelievable." this sweet snake. Really, the intelligence unfriendly, aggressive accounts about pity that there have been nothing but and they looked just like pearls. What a knowing manner! I mounted the eyelids unafraid. He put out his tongue in such a forceps. He flinched a little but was pulled off the eyelids with eyebrow diary: "I stroked his head and then covering his eyes. Grace wrote in her sloughing off the thin membrane and the hamadryad had trouble irritable and nervous while shedding, began shedding his skin. Snakes are A few weeks later, the King of Kings

The King of Kings was so heavy that Grace was unable to lift him by herself. Jule offered to help her carry the snake outside for a picture. While Jule and Grace were staggering out the door with the monster reptile between them, the king suddenly reared and rapped Jule several times on her forehead with his

closed mouth. "He's trying to tell you something!" exclaimed Grace. He was indeed. I saw that the Chinese crocodile had rushed out from under a table and had grabbed the hamadryad by the tail. Jule relaxed her grip and the king dropped his head and gave a single hiss. The croc promptly let go and the women bore the cobra out into the sunlight. I was the only person who seemed upset by the incident.

ever used music in taming her snakes. over reptiles approximate Grace's marvelous power saw any snake charmer even that this is exactly what happens. I never outside the cobra's striking range. Years the tune. The fakir naturally keeps well movements and it appears to dance to music to correspond to the snake's feinting to strike. The man times his keeps the snake swaying as the cobra is his own body back and forth the fakir only to attract a crowd and by swaying me that the Hindu fakir uses his flute knew: all snakes are deaf. Grace assured She laughed and told me what I already later when I was in India, I discovered Out of curiosity, I asked Grace if she

Grace's main source of income was to exhibit her snakes to tourists, although she was occasionally able to rent a snake to a movie studio (she always went along to make sure the reptile wasn't frightened or injured), and sometimes she bought ailing snakes

so wonderful." one seems interested in my snakes. No twenty-five cents. "That's too much," the explained that she would show them her sign GRACE WILEY-REPTILES. Grace was with her, a dusty car stopped and them for a small profit to zoos. While I from dealers, cured them, and resold one really cares about them. And they're went back to the car. Grace sighed. "No woman said to her husband, and they children play with Rocky, an eighteencall over the tame alligators, and let the collection, handle the poisonous snakes noisy children who had seen her modest discharged a plump couple with three raised from a baby. The charge was foot Indian rock python which she had

One day Grace telephoned me to say that she had gotten a new shipment of snakes, including some Indian cobras from Siam. "One of them has markings that form a complete G on the back of his hood," she told me. "Isn't it curious that the snake and I have the same initial! I call him My Snake." We laughed about this, and then Jule and I went out to Cypress to take a last set of pictures of Grace and her snakes for an article I was doing about this remarkable woman.

We took several pictures and then I asked Grace to let me get a picture of the cobra with the G on the hood. "I didn't look very well in those other pictures," said Grace anxiously. "I'll comb my hair and put on another

blouse." She was back in a few minutes. Jule and I had set up our cameras in the yard behind the barn. I wanted a shot of the cobra with spread hood, and Grace brought him out cradled in her arms. Before allowing me to take the picture, she removed her glasses as she felt that she looked better without them. The cobra refused to spread and Grace put him down on the ground and extended her flat palm toward him to make him rear—something I had often seen her do before, but never without her glasses.

I was watching through the finder of my camera. I saw the cobra spread and strike as I clicked the shutter. As the image disappeared from the ground glass of my Graflex, I looked up and saw that the snake had seized Grace by the middle finger. She said in her usual quiet voice, "Oh, he's bitten me."

I dropped the camera and ran toward her, feeling an almost paralyzing sense of shock, for I knew that Grace Wiley was a dead woman. At the same time I thought, "It's just like the book," for the cobra was behaving exactly as textbooks on cobras say they behave. He was deliberately chewing on the wound to make the venom run out of his glands. It was a terrible sight.

Quietly and expertly, Grace took hold of the snake and gently forced his mouth open. I knew that her only chance for life was to put a tourniquet around the finger instantly and slash open the

wound to allow the venom to run out. Seconds counted. I reached out my hand to take the snake above the hood so she could immediately start squeezing out the venom, but Grace motioned me away. She stood up, still holding the cobra, and walked into the barn.

Carefully, she put the snake into his cage and closed the door.

but anything was worth a chance. amputation of her arm could save her, knew that nothing except immediate where's your snake-bite kit?" We both saw her show. I could only say, "Grace me, did he?" It was the only emotion I Suddenly she said, "He didn't really bite phone. Then Grace turned to me. telephone number and Jule ran to the Calmly and distinctly she gave Jule the friend of mine. He'll know what to do." spreading through her system each Dickinson. He's a herpetologist and a moment. "Jule," said Grace, "call Wesley minutes and I knew that the venom was This must have taken a couple of

She pointed to a cabinet. There was a tremendous collection of the surgical aids used for snake bite but I don't believe any of the stuff had been touched for twenty years. I pulled out a rubber tourniquet and tried to twist it around her finger. The old rubber snapped in my hands. Grace didn't seem to notice. I pulled out my handkerchief and tried that. It was too thick to go around her finger and I twisted it around

her wrist. "I'll faint in a few minutes," said Grace. "I want to show you where everything is before I lose consciousness."

Cobra venom, unlike rattlesnake venom, affects the nervous system. In a few minutes the victim becomes paralyzed and the heart stops beating. I knew Grace was thinking of this. She said, "You must give me strychnine injections to keep my heart going when I begin to pass out. I'll show you where the strychnine is kept. You may have to give me caffeine also."

She walked to the other end of the room and I ran alongside trying to keep the tourniquet in place. She got out the tiny glass vials of strychnine and caffeine and also a hypodermic syringe with several needles. I saw some razor blades with the outfit and picked one up, intending to make a deep incision to let out as much of the venom as possible. Grace shook her head. "That won't do any good," she told me. Cobra venom travels along the nerves, so making the wound bleed wouldn't be very effective, but it was all I could think of to do.

Jule came back with a Mr. Tanner, Grace's cousin who lived next door.
Tanner immediately got out his jackknife intending to cut open the wound, but Grace stopped him. "Wait until Wesley comes," she said. Tanner told me afterward that he was convinced that if he had amputated the finger, Grace

might have lived. This is doubtful. Probably nothing except amputation of her arm would have saved her then, and we had nothing but a jackknife. She probably would have died of shock and loss of blood.

Grace lay on the floor to keep as quiet as possible and slow the absorption of the venom. "You'd better give me the strychnine now, dear," she told Jule. Jule snapped off the tip of one of the glass vials but the cylinder broke in her hands. She opened another tube and tried to fill the syringe; the needle was rusted shut. Jule selected another needle, tested it, and filled the syringe. "I'm afraid it will hurt," she told Grace. "Now don't worry, dear," said Grace comfortingly. "I know you'll do it very well."

After the injection, Grace asked Jule to put a newspaper under her head to keep her hair from getting dirty. A few minutes later, the ambulance arrived, with Wesley Dickinson following in his own car. Wesley had telephoned the hospital and arranged for blood transfusions and an iron lung. As Grace was lifted into the ambulance, she called back to Tanner, "Remember to cut up the meat for my frogs very fine and take good care of my snakes." That was the last we ever saw of her.

Grace died in the hospital half an hour later. She lived about ninety minutes after being bitten. In the hospital.

Wesley directed the doctors to drain the blood out of her arm and pump in fresh blood. When her heart began to fail, she was put into the lung. She had become unconscious. Then her heart stopped. Stimulants were given. The slow beating began again but grew steadily weaker. Each time stimulants were given, the heart responded less strongly and finally stopped forever.

We waited with Mr. and Mrs. Tanner at the snake barn, calling the hospital at intervals. When we heard that Grace was dead, Mrs. Tanner burst into tears. "Grace was such a beautiful young girl—and so talented," she moaned. "There wasn't anything she couldn't do. Why did she ever want to mess around with those

"I guess that's something none of us will ever understand," said her husband sadly.

awful snakes?"

Grace was born in Kansas in 1884. She studied entomology at the University of Kansas and during field trips to collect insects it was a great joke among Grace's fellow students that she was

Later, however, after her marriage failed, Grace turned with a passionate interest to the creatures she had so long feared. In 1923 she became curator of the Museum of Natural History at the Minneapolis Public Library but quarreled with the directors, who felt that her reckless handling of poisonous snakes endangered not only her own life but that of others. She went to the Brookfield Zoo in Chicago; here the same difficulty arose. Finally Grace moved to California where she could work with reptiles as she wished.

An attempt was made by several of Grace's friends to keep her collection together for a Grace Wiley Memorial Reptile House, but this failed. The snakes were auctioned off and the snake that had killed Grace was purchased by a roadside zoo in Arizona. Huge signboards bearing an artist's conception of the incident were erected for miles along the highways.

So passed one of the most remarkable people I have ever known.

## Comment

1. a. On his first visit to Grace Wiley, the author watched her