

About the Bullfrog

Bullfrogs begin life as one of approximately 10,000 to 20,000 tiny eggs laid in a thin jelly-like film amongst plants floating on the surface of a body of slow-moving water. About four to eight days later, tiny tadpoles emerge from the eggs. Bullfrogs may spend one to three years as tadpoles, depending on where they live. It may take another three years for the frogs to become adults and to mate.

These amphibians are the largest frogs in North America. They may grow 5 to 6 inches long and may measure 12 inches with legs outstretched. Male bullfrogs have larger tympana or external ears than do female bullfrogs. Bullfrogs have white to yellowish throats and underbellies, and a smooth-skinned back in shades of green.

Male bullfrogs communicate by croaking—forcing air back and forth across their vocal folds. Some people describe the sound as "brrwoom."

Their calls are used to proclaim territory and attract females.

Bullfrogs are excellent hunters and eat just about anything they can cram into their mouths. They sit and wait for a prey animal to come close enough, then pounce and catch their meal with their long, quick, sticky tongues, all in about one-half of a second. Bullfrogs help to control insects that are pests. They also eat lizards, snails, snakes, fish, mice and even other frogs.

Because they are highly prized by people for the meat in their long legs, they have been moved to many places outside of their natural homes. The bullfrog population in places such as California and Taiwan has become so great, that bullfrogs have become pests themselves, leaving little food or space for other native frogs.

Glossary

amphibian: An animal with a backbone, moist skin and usually two life stages.

bayou: A marshy course of water leading to a lake or river. crustacean: An animal without a backbone, often living inside a shell.

tadpole: An immature amphibian in a stage after egg but before adult. Tadpoles live and breathe underwater.

Adult amphibians may live in or near water but breathe air. tympanum: An external eardrum. The large circles on the side of a frog's head just behind the eyes are the tympanum.

Points of Interest in this Book

- рр. 4-5: bayou.
- рр. 8-9: crayfish and its burrow (bottom right).
- рр. 10-11: bullfrog's eyes sinking into his head when he swallows.
- pp. 14-15: oak tree; Spanish moss.
- pp. 16-17: sphinx moth (tobacco hornworm); bullfrog's projectile tongue.
- рр. 18-19: black-crowned heron.
- рр. 22-23: raccoon.
- pp. 24-25: southern cricket frog.
- pp. 26-27: calling male bullfrogs with vocal sacs. pp. 30-31: water lily (far left).



For Judy — D. D.

To Harriet and Mela for honesty, vision and wise counsel $-K^2$

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SMITHSONIAN'S BACKYARD





























