

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 1054. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

🌀 **FISHING GUIDE MAP**, printed in full color on a new plastic-coated paper, shows the principal game fish found in North America at more than 100 localities. The decorative map helps to locate the best fishing spots in the United States and adjacent waters. An index lists species likely to be found in each area.

• Science News Letter, 78:144 August 27, 1960

🌀 **ORAL RESUSCITATOR** permits mouth-to-mouth rescue breathing without personal contact. The rescue breather consists of a mouthpiece, breather tube, one-way valve and flexible face mask. The mask fits adults and children, and eliminates need to hold victim's nostrils.

• Science News Letter, 78:144 August 27, 1960

🌀 **INSECT TRAP** lures night-flying insects by means of an ultraviolet light. Then an electric fan draws them into an air stream and spins them down into a plastic bag, which is easily disposable. The device runs on standard house current.

• Science News Letter, 78:144 August 27, 1960

🌀 **HAIRCUTTING GUIDE**, shown in the photograph, enables anyone owning a safety razor to give himself or anyone else a professional looking haircut. In use, the safety



razor is inserted in an adaptor; the adaptor is mounted on the metal guide, which is placed over the head. One hand holds the guide, and the other hand moves the safety razor.

• Science News Letter, 78:144 August 27, 1960

🌀 **TELESCOPING BALL POINT PEN** is easily carried in handbag, purse, pocket, or attached to key chain. No bigger than a

lipstick tube when in its case, it telescopes out to 3¼ inches. The ball point pen comes in a leather carrying case.

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🌀 **SPRAY-COMB** spreads any beauty or health preparation smoothly and evenly without mess or waste. Skin oils, sun lotions or hair preparations are easily dispensed on skin or scalp through the fine openings of the comb from a built-in flask.

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🌀 **FOAM SHIPPING CONTAINER** includes a cored bottom and a fitted, hinged top, both cut from a single cube of black polyurethane foam. The container firmly nests and protects a delicate electronic part without the use of other protective packing. The whole packaging unit is reusable.

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🌀 **LIGHT GUARD** prevents fluorescent lamps from falling from their sockets. Made of spring steel, copper-coated wire, two prongs turn outward, while at the other end the wire is formed into a small rectangle, set at right angles to the prongs. Once installed, the device is never removed, even when lamps are changed. Two of the slip-on guards are used for each fixture.

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Nature Ramblings



By HORACE LOFTIN

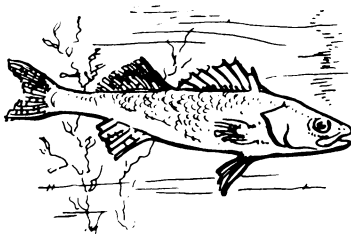
➤ HAVE YOU EVER worked the deep end of a seine? This is the "glory" end, as any fish collector will tell you. Let the youths, the lame and the old work the shallow end. What care you for the chilly water that mounts to your waist, the pebbles that make you stumble and the water weeds that wrap around your legs.

It does take strong motivation to pull that deep end of a seine in a murky southern creek or a cold, swift northern brook. But your curiosity as an amateur fish collector is all the motivation anyone could ask for.

Fish collecting is a fast-growing field for the host of amateur naturalists and sportsmen who turn to nature for week-end relief from city concrete. It is a bit more complicated than the old stand-bys, insect collecting and bird watching. Permits must be obtained in most states, and you must have at least simple aquaria or carry preservatives for your specimens.

But there are certain satisfactions and

Deep End of the Seine



thrills in this "sport" not present in quite the same degree in any other outdoor hobby.

Fishing—any kind of fishing—has that unique moment when you lift your line or trap or net from the water to see what surprise may await you. You literally never know what each haul may bring up.

For the amateur, the net may hold a rare specimen for the aquarium, a new fish for his "life list" or perhaps a new record of a species for his region of the country. There are many kinds of fishes in almost every

lake, stream or river, and it is a challenge to learn to identify them.

Soon the beginning amateur learns not only what fishes occur in his area, but where each may be expected to occur—in what kind of water, what kind of bottom, swift creek or sluggish river. He learns when the young appear, what different fishes eat and what their relationships are with other animals and plants. In short, he comes to understand more about the world of nature as a whole through close observation of a fascinating fragment of nature.

It takes little equipment and less trouble to get into this outdoor hobby. A small-meshed minnow seine about 10 feet in length is plenty for a start, and your local book store will have excellent field guides to the fishes of your region, or can get them for you in a hurry. Before you hit the water, though, check with your state conservation department or game warden about a collector's permit.

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