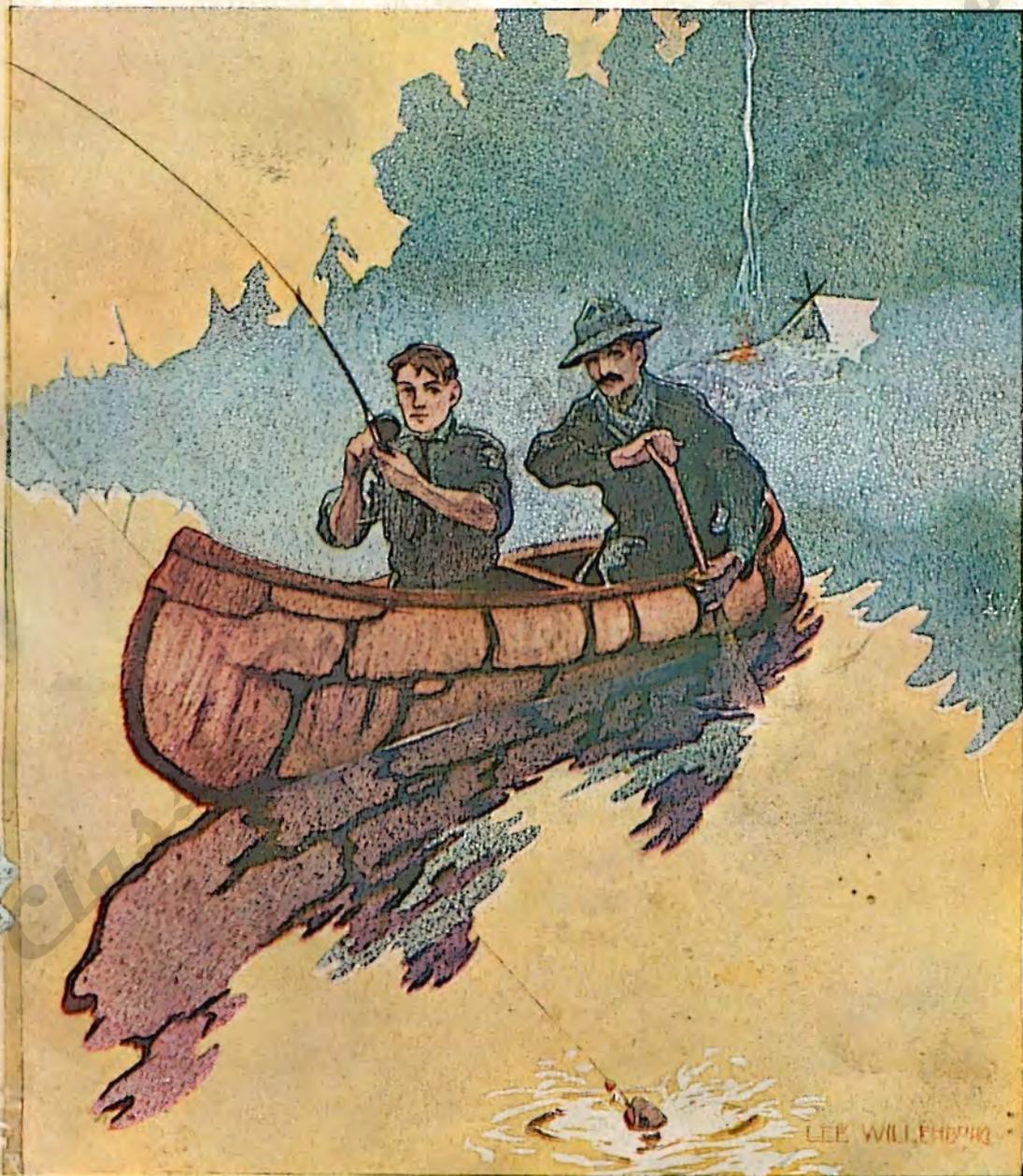


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MAY 1914

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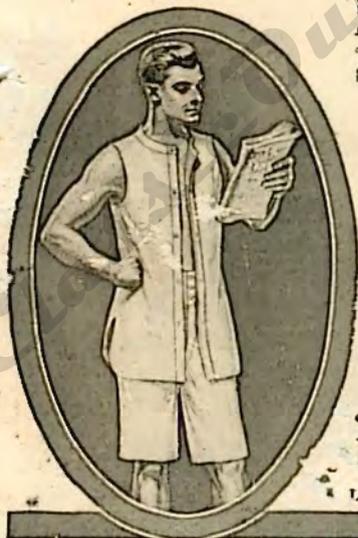
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# Outer's Book

(For Six Years The Northwestern Sportsman)

A MAGAZINE OF OUTDOOR INTEREST

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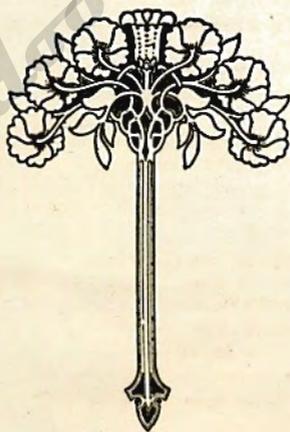
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## May

By GEORGE B. STAFF

A month of blossoming is merry May,  
When fragrant orchards with their bloom-hung trees  
Are treasure-troves for plunder hunting bees,  
That ply their busy search throughout the day.

When in the sunny spots beside the way  
Wild flowers grow, a merry multitude  
That in the thrill of Nature's joyous mood  
Are nodding welcome to the month of May!





RED EAGLE MOUNTAIN, GLACIER NATIONAL PARK  
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# The Outer's Book

A MAGAZINE OF OUTDOOR INTEREST

Volume XXVII

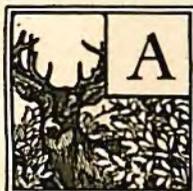
MAY, 1914

Number Five

## The Glacier National Park

By ROBERT PAGE LINCOLN

WITH ILLUSTRATIONS FROM PHOTOGRAPHS BY KISER PHOTO CO.



**A**MONG the great number of celebrities who have within late years visited the Glacier National Park, is John Muir, the well known naturalist and writer. John Muir has always been a staunch advocate of national parks and the protection and preservation of those places of singular beauty, so effective as playgrounds for the nation's children, every one included. John Muir visited the park before it had been set aside by the government to fulfill its capacity of usefulness as an attraction, and an outing territory. He has said of it:

"I would want to spend a month at least in this precious preserve. The time will not be taken from the sum of your life. Instead of shortening, it will indefinitely lengthen it, and make you truly immortal."

As a rule, inside of the United States, the Rocky Mountains, save here, fail to fully appeal. True mountain scenery, to attract and fulfill the greatest expectations of the greatest number of people is something more easily suggested than actually assured.

Herein the Glacier National Park lays claim to consideration, first of all of our preserves, and national parks. We may journey far and wide throughout the United States, in search of true mountain scenery, and in the sum total the Glacier National Park must be given credit for having some of the most brilliant in the country. The word has gone around that Glacier National Park is rapidly being tamed by the tourists. This is a foolish assertion, made by men who want primitive—utterly primitive—perfection, hundreds upon hundreds of miles from civilization, before they will be appeased. I will make the assertion, that it is impossible to tame this gigantic region. It is too mighty. It is not a country that attracts the tame-hearted, and designing, and under the strict protection of the government, it will always afford to mankind that needed key to the vacation situation—to all who wish to look upon mountain scenery in its greatest, and unspoiled grandeur.

It has been said of Glacier National Park that it is impossible to speak of it save in superlatives. This is eminently true. It is not a matter of one mountain here, world famous, and nothing else around it. It is a

collection of vitally interesting scenes, and surroundings, one after another, and still on and on. It has that demanded mightiness that we crave to look upon; that vastness, that conclusive beauty, a masterpiece of the work of the Supreme Artist. As a guide in the Park has said, with due reverence: "When God got through making the world he didn't know where to place all the good things he had left over, so he took a day off and dumped them in Montana, and done a good job all around in straightening things out." Here are found waterfalls in unblushing number, lakes of incomparable beauty and freshness, and a remarkable transparency, that always identifies cold and sparkling mountain water. The streams are the fulness of the word wonderful, and the fishing is certainly such as to assure at least good results, which is putting it mildly indeed.

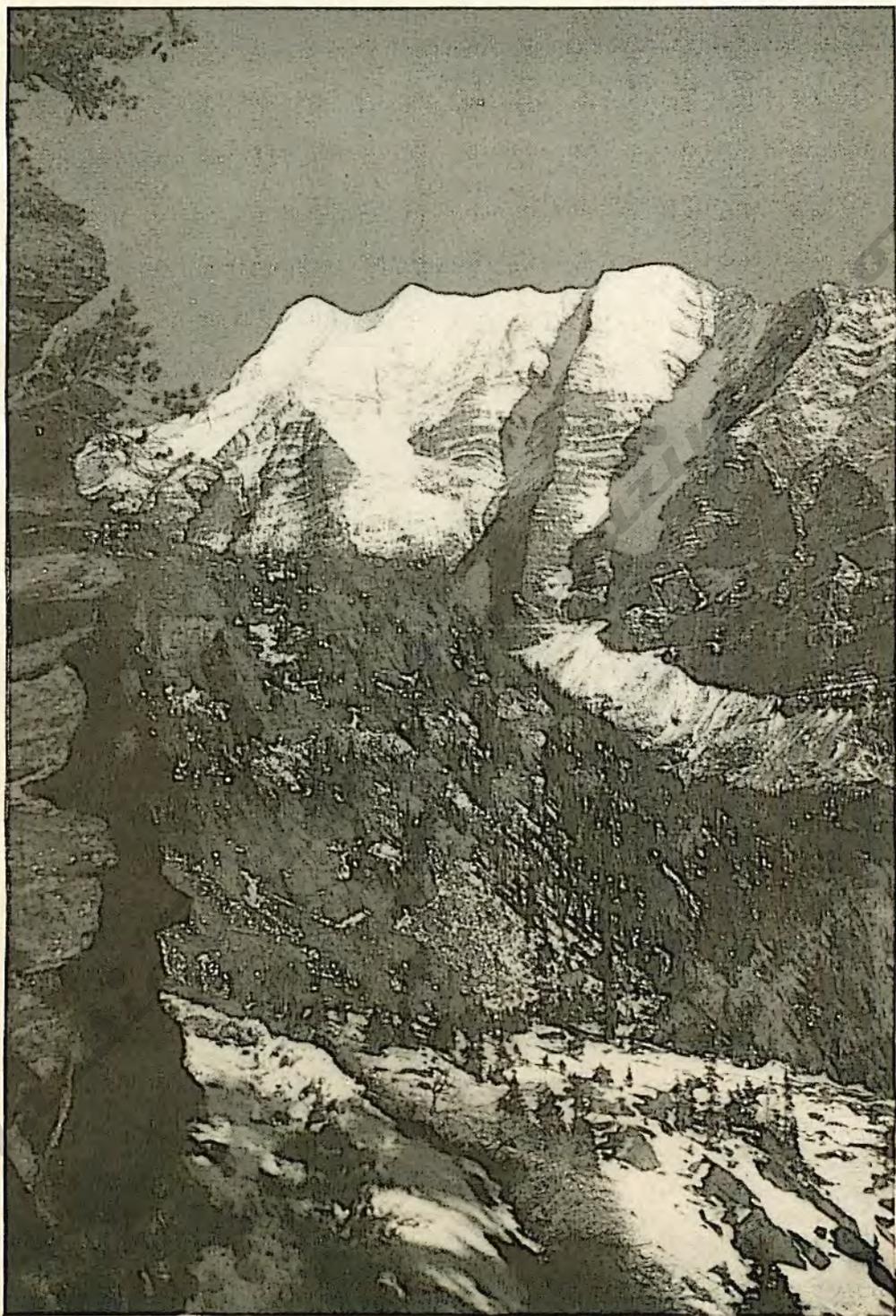
Glacier National Park is next to the Yellowstone National Park in size, and contains one thousand four hundred acres of practically virgin mountain territory, as virgin mountain territory is found in the present day, so close to civilization. In this region are found many grizzly bear, the big-horn sheep, the black tailed deer, the black bear, and a number of other animals, showing exclusively that this is still a great and untamed country, viewing as we must the fact that these have not been forced to withdraw by any influx of people, and sight-seers. Montana has a well known reputation for her good trout fishing, as anyone will vouch for who has fished her many streams; her rainbow trout are of the best, the most pugnacious, and when on the fly-hook will do their best to show you a fight for supremacy that calls for leadership indeed. Nor is the Glacier National Park backward in this detail. In these many ideal mountain streams, in numbers of just-right pools they are found. The lakes so deep, and so cold in their temperature, hold the well known mackinaw trout, and to get one of these fellows upon the hook is to assure an exhilarating tussle. In this respect, as concerns the mackinaw trout, the Saint Mary's Lake is especially noted for this member of the trout family, and some specimens will easily run up to twenty pounds in solid weight, and it requires both experience, and a good man at the oars, to bring the gamy fish in.

Notable in the capture of the rainbow trout in the Glacier National Park territory, it may not be out-of-place to mention a certain condition that exists at Red Eagle Lake. The trout each year ascend the mountain streams. I have noted in Cali-

fornia, on the famous San Gabriel River, that the trout go up the river as the lower reaches become warmed out. Thus in the late summer they will be found in the highest pools where the water is still cold, and essential to life-giving energy. Likewise in the Glacier National Park, though conditions here are better all around, the trout ascend the rivers, or streams, by the thousands. And in and around Red Eagle Falls, one will find them congregated, attempting to scale the great falls but of course they are baffled, and there they lie as spoil for lucky fishermen. I do not know how shy they will become in time, as more and more fishermen enter the region; but certain it is, that with some show of skill and ingenuity, any patient fly-fisherman may have the best of success, regardless. One comfortable fact is this. The proportion of fishermen who go in there, in proportion to just sight-seers, is small indeed.

This fact should be well understood: that it is not necessary to become one of a party, specially conducted, to be able to see Glacier National Park. Far from it. There are no restrictions. Undoubtedly, in time, there will be beaten, and frequented trails through this country, but always there will be recourse, for the especially adventurous, to cut new trails for themselves, at their pleasure. For understand, that you can enter the Park with your own camping outfit, and proceed as you like, on your own resources, if you are so minded—but the main fact is this: if you want to be shown, if you have had no experience, you may become a member of the usually conducted party; you will receive the best of treatment, at a rate of payment that is fair as such things go. Glacier National Park and its management do not charge any more than do other resorts throughout the country for like services. Everything is conducted in a systematic manner, with experienced men of the mountains as the guides. Naturally the best places are selected for your pleasant inspection, and all in all, it makes a most appreciable bill of fare.

This great territory is tapped by the Great Northern Railroad. The western gateway is Belton, and the eastern point of entrance is Midvale, where the railroad has spent immense amounts of money in the elaborate erection of buildings and other features. Proceeding to Lake McDonald, one is brought almost instantly into the very heart of this gigantic region. From the railroad depot one is conveyed to the foot of Lake McDonald by stage, and from the foot of the lake one is brought by boat to the Glacier Hotel, on the north shore



MT. JACKSON, GLACIER NATIONAL PARK, MONTANA  
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from which all trips find their logical beginning, and end. Lake McDonald is a matchless, scintillating expanse of water, remarkable indeed, and never to be forgotten, once seen. This lake is twelve miles in length, and the exceptional transparency of the mirrorlike water allows the clouds to be perfectly pictured on its face.

The first trip on the list is to Avalanche Lake, along trails where one is able to view the whole intrinsic panorama at his leisure. Saddle horses are, of course, the medium by which one is helped upward on such a trip. They are well broken, mountain-climbing animals, and where one is not able to sit the saddle on account of the steepness of certain grades, the rider dismounts, and grasping the horse's tail is thus helped up, the wiry tenacious animals never failing in mastering a situation. On and on leads the trail, till finally, in the course of events, the well known Royal Gorge is reached.

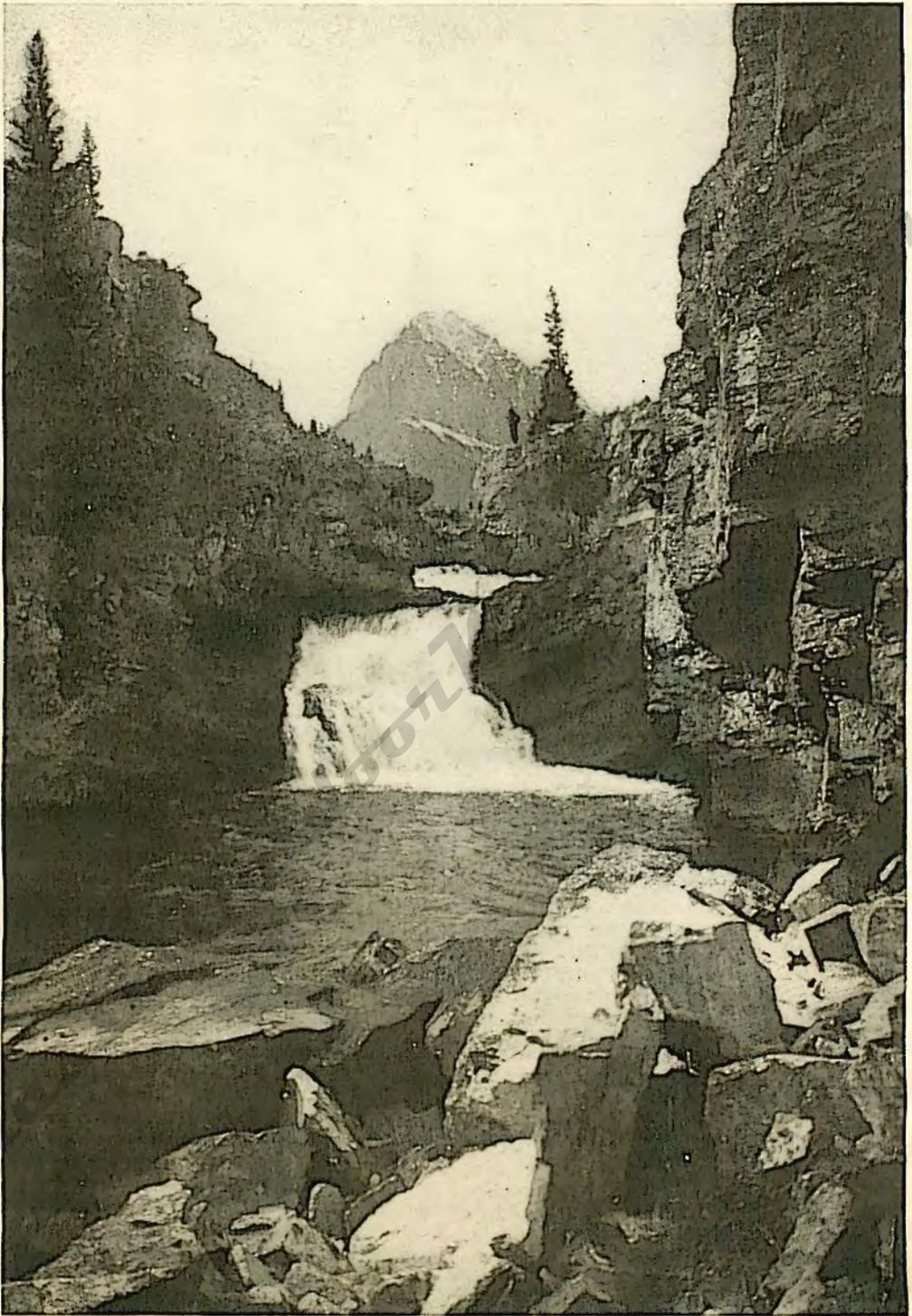
Avalanche Lake is a sight that one will cherish, certainly, among his best recollections. It truly makes a gigantic display, as it lies there among the eternal hills, fed by some six roaring waterfalls, coming down, as they do, from a great height; the thunder of the falling water is intermittent, and the flash of the sunlight upon it makes it a picture, among many, easily identified. Indeed, it is a big order. When members in the party, who have traveled in the Alps of Switzerland, comment upon the picture as being superior to that of European splendor, the recommendation need be furthered by no superlatives, or sentimentality, to win from you just consideration. Whoever has stood upon the crest of the continent, and has viewed the world around him with appreciative eyes, knows that word of tongue is inferior, and that silent homage is the most talkative in such instances, and the most expressive of adoration. So the day is filled in, and the return is made as the purple veil of night is lowering over the everlasting quietudes, and while the evening stars are coming out, one by one, to further provoke your searching inquisitiveness.

Trip number two takes you to Sperry Glacier. It is a tour, par excellence, a royal treat. The start is made when the sun is gilding the eastern rim of the mountains in colorful lights that win from you the deepest deliberation. Early morning in the mountains has a spirit of youthfulness in it that haunts one with some majestic appeal, indefinite, and yet, somehow, mysteriously understood. Dew dripping from the trees. The sun driving the mist in wheeling battalions over that great immensity. Oceans of soundless sound. A stillness profound and

sepulchral—and as you proceed upon your way, you feel your fever cooled: the fever and desire for perfection. The mountains around you suffice. They are supreme. The trip up to Sperry Glacier is one that is rough and hard. Unceasing travel is the price paid for the final sight, the best of them all. When Sperry Camp is reached, the appetites are duly satisfied, and the horses are rested. The trip to the top is made on foot. To properly define one's feelings upon seeing this frightful, awe-inspiring waste would be very hard. Standing at a height, 9,000 feet above the level of the sea, one hears the roar of raging waters, the hoary offering of the Gods—a cruel, menacing flood that carries the burden of the hills into the basin below—like a cup of the mighty held in terrible hands that clutch at the crevices of those riven sides for a hold and cling there in wild desperation—like some incomprehensible demon frothing in his madness to gain the ascendancy. It is a picture that would better be answered by a drawing from the collection of the immortal Gustav Doree, and Dante truly could have found no better living expression for his supreme work. One sees far, far below, like out of a dream, the lake that was but yesterday visited: Avalanche Lake, a snow-white eye of the earth, skirted by blue-black pines, fringing it like lashes. Beetling crags show here and there; multitudinous colors wrought into a blended conformation, are presented, here, there and everywhere, mellowing the terrible ruins around one, and easing one's sensibilities.

Trip number three is the interesting sojourn to Gunsight Pass, the backbone of the continent, and the route thence will give one good exercise, and a lot of it. Rough trails, but the scenery, and spectacular massiveness is always of the best, and in due course of time, after much exertion and laborious effort the famed Lake Louise is reached, and one finds his efforts fully repaid. Lake Louise is a veritable photograph of God's greatest effort at a matchless perfection. It is a serene and murmurless expanse, and is like the purest mirror. Its capability of reflecting the pines that stand sentinel along its shores is startling. Then comes the climb upward through Gunsight Pass, and thence to the summit where one is able to command an inimitable view of the country below.

Trip number four, the following day, leads one over the mountainous trails to Red Eagle Lake, nestled high and aloof up among the clouds, in the veritable center of some of the best mountain scenery in the west, none withheld. On this trip a place



McDERMOTT FALLS, GLACIER NATIONAL PARK.  
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ON TRAIL AT THE BASE OF GOAT MOUNTAIN

—Copyright, 1911, By Kiser Photo Co., for Great Northern Ry.

of interesting appeal is Old Town, a subtle remembrance of the wild and woolly days, when the west was in its infancy. The town is a congregation of old and tottering buildings, silent and empty now, but at one time, frequented by human beings who had the record of shooting men just to see which way they would fall, and who invariably went into the outer darkness, blessed with the fact that they died with their boots upon their feet, with their heads toward the setting sun. Many reminders are found of that one-time dominance, but now all is silent; the days of red-red gold, and the fever, are no more. Red Eagle Lake, and the Falls, allow the fishermen to try their skill, if they are so minded, and it makes no difference whether your outfit is a high-priced one, or a low-priced one, the fish are not what might be called super-civilized, and take one fly as well as another. Also there is this fact. Millionaires rub elbows with the less fortunate kindred and there is always a sense of comradeship felt among all; rank evolves upon a common level; tyrannical conventionalism is relegated, as it should be, to the purgatorial regions.

The above are but a few examples of sight-seeing possibilities, and certainly in such a region, go where one wills, he is met with the best example of mountain perfection. The Great Northern has instituted

throughout the Park, at likely intervals, their well known Kenyon Camps, and at any of these one is able to get meals, and lodging, at reasonable rates, if one is especially satisfied with a certain region he has entered. Here and there, in seven of the most convenient locations, throughout the Park, are scattered hotel colonies, consisting of from four to ten handsome log chalets of the Swiss style of architecture. These colonies are from seven to twenty miles apart, and a tour through the Park can be made in comfort and ease, by short stages between them. The chalets are perfect in detail, and the comfort of visitors is always assured. The most courteous of western treatment is accorded one. The cost in hotel expenses, of going through the Park on a long or short tour, can well be covered by three dollars a day. A tour of ten days, by a party of five, can be made at the expense of from five to eight dollars per capita, per day, and if one wishes to travel on foot, carrying his own camping paraphernalia, the expenses can be easily cut down from one dollar to three dollars a day, depending, of course, upon conditions. Meals at any of the chalets cost you seventy-five cents, with lodging listed at the same, or three dollars a day. Guides heading any party of note may be had at the cost of three dollars and a half a day; cook per day, three dollars; saddle

and pack horses, for a space of five days or less, per day cost you two dollars; the same, more than five days, will cost you one dollar and a half, a very reasonable amount in consideration of charges made at other places of like nature throughout the country. Every hotel has its outfitting parlors, and here things may be gotten at a reasonable expenditure, unless the outer desires to bring his or her things in, as personal belongings.

In the above I have striven to give a brief idea of conditions in the Park, and if they should be of use to any of the readers of this publication I am sure that I have not written in vain. I wish to say that I am not in the employ of the railroad company that enters this region, nor is this in any respect an advertisement for them. I have written on the merits of the Park, as a park, and surely the railroad must be complimented upon having given mankind an

opportunity to see it, under the best of accommodations, with courteous treatment shown to each and all, at a reasonable expenditure. That there is high-handed robbery manifest in some of these western resorts, or mountain preserves, I have had only too much word of; but no deplorable tactics are to be found here. There are people who have always wanted to get a glimpse of the better part of the Rocky Mountains, but have never known where to go, and have never laid hands upon such information as would direct them there, without waste of time and tedious planning, not to mention a useless expenditure of money that never can bring the pleasure desired. By going to the Glacier National Park, in any way, shape or manner (and I am not skillfully steering you to the hotels or to the select parties that you might there spend a lot of money) you will get a true treat, and I will warrant you will never forget your trip, as such a trip goes.



## In Summer Days

By EBEN E. REXFORD

In summer days what joy to lie  
 On grassy banks, and watch the sky  
 Through latticed limbs, while clear and sweet  
 I hear the brook's low song, and beat  
 The measure of its melody  
 With wand the warm wind waves for me—  
 A flowery wand whose fragrance seems  
 To fill the drowsy air with dreams.  
 I seem adrift on slow, still tide,  
 Past meadows fair, and green, and wide  
 Where willows lean down low to dip  
 Their fingers in the wave, whose lip  
 Holds up a kiss to every leaf  
 Whose time of beauty is so brief  
 In summer days.

In summer time I quite forget  
 All cares that vex, all vain regret,  
 And, lulled in utter peace and rest,  
 Dream on the dear Earth-Mother's breast  
 Such dreams as only come to those  
 Who read the riddle of the rose,  
 And hear the voices, everywhere,  
 Of things on earth and things in air,  
 That sound the happy roundelay  
 Of love and peace. Away, away  
 All care and trouble! Let me rest  
 Like a tired child on mother's breast!  
 I ask no more. O, grant me this,  
 That I may know what joy there is  
 In summer days.



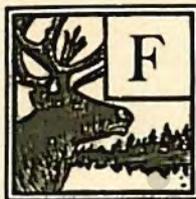
GOOD-BYE OLD PAL, UNTIL NEXT FALL

## Beating Dad

By IVAN FAY

WITH ILLUSTRATIONS FROM PHOTOGRAPHS BY THE AUTHOR

*Winner of Third Prize in the 1913 Deer Hunting Story Contest*



FOR an eighteen-year old boy to go into the big woods for the first time with a firm resolve to beat his dad who had been deer hunting each fall for five years, is quite an undertaking; yet that is the job I tackled last fall. I had entered school in September on the distinct understanding that when November 11 came, I was to have a week's vacation in the big woods of northern Wisconsin. Dad was acquainted with a family living on a homestead near Cable, and they had invited us up for a hunt that fall. The night before the season opened found us sitting around their table, eagerly discussing plans for the morning.

The hunters in the bunch were Mr. Sharp and his son Manly, a boy just my age, Andrew, a visitor, and dad and myself. Darrel Sharp, a boy of twelve, also hunted with us part of the time, carrying a .25-20. Somehow Manly and I took to each other and we became the greatest of chums.

The first day, which was Monday, opened damp and very foggy, so we decided to hunt in the forenoon over some comparatively open country. Dad and Mr. Sharp took a circuitous course through the woods, and posted themselves at points of vantage some distance ahead, while we four of the younger generation started toward them abreast, about thirty-five rods apart. It was not really a drive, for we hunted forward as silently as we could, more interested in getting a shot ourselves, than in driving on to the two older men, for it was our freely expressed belief that they couldn't shoot anyhow. I was on the extreme left of the line. The fog was very heavy, and I could neither see nor hear any of the others. I seemed alone. What a queer feeling it was. I had never been within three hundred miles of deer country, yet here I was with a big rifle in my hand, stealthily creeping forward all by my lonesome, hoping and half expecting to see a big buck any moment. Would I get buck fever if I had a shot? On the train Dad had roasted me right, and prophesied that I wouldn't remember to shoot at all.

Wouldn't I? I grasped my gun tighter. By George, I'd show him! If I was only eighteen, I had handled a gun ever since I could carry one; I'd show him!

For half a mile I crept slowly forward, avoiding all possible twigs and rustling leaves, and then as I came to the top of a steep little ridge, on a parallel ridge about thirty-five rods away, I saw a big deer leap over a fallen log. I knew instantly it was a deer, yet somehow it didn't seem just right. His appearance had not been ushered in by any terrifying snorts or breaking of branches as I had heard tell about. Yet I could dimly see him standing there, although the fog nearly hid him. Then I raised my rifle. As I took careful aim the thought of buck fever came to me, and I smiled to myself. I was very much excited, but my hand was as steady as a rock. Bang! I threw in another shell. A slight movement showed me he was still there. Again I fired. There was not the slightest movement. I lowered my rifle and waited. Could it be possible, I wondered, that I accidentally hit him in the back or head, and he fell without a struggle. I took a step forward, and away went my dead buck. He simply had failed before to locate me. As he went I had one good open shot, and by some great fortune hit him.

As he went down the line the other boys each got in a flying shot, but he didn't stop. Then we came together, found blood on his trail near where I had shot at him, and started to trail him.

Blood on both sides of his trail proved he had been shot through, and for nearly a mile we trailed him. Then the blood signs grew fewer. We followed at times on our hands and knees to see the tiny specks, but no use. We lost it entirely and went back to the cabin for dinner, for it was now nearly noon. But although I did not know it, I had killed my first deer, for some weeks after I had gone home, Manly found the decayed body about forty rods from where we lost the trail.

Right after dinner the Fates were kind. Within a half mile of camp I had an easy standing shot at a nice two-year old buck, and at the first crack of my rifle he went down for good. Delighted? Well! I had killed a deer. Not only that, but I, the tenderfoot—the greenhorn—the 18-year old kid—had skinned the whole bunch. I had drawn first blood—I had hung up the first meat. I could now laugh at the fear of buck-fever. I was a full-fledged deer hunter.

The other boys came over and helped me hang him up, and were very generous with their congratulations and compliments. Dad said the least of all, but I could see he

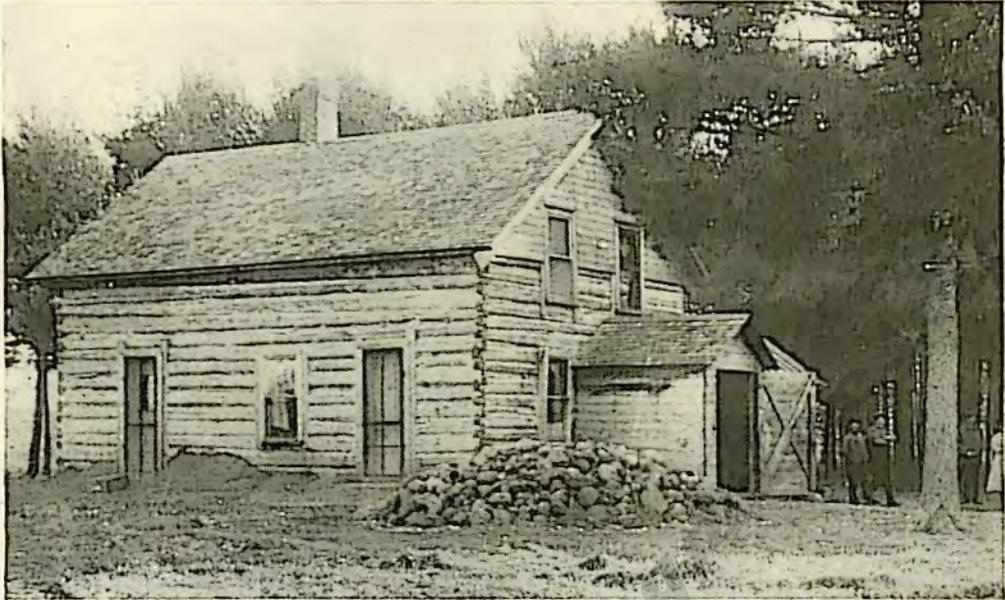


MY PAIR

was tickled all over. That evening we feasted on the liver of my buck, and a prouder and happier boy never lived.

Tuesday Manly and Andrew each got a buck fawn, and Dad had a shot, but much to his disgust, missed clean. Wednesday Manly made a beautiful shot at a big two hundred pound buck at thirty-five rods, and hung him up. That made four. These two days I had not even seen a deer, but on Thursday my luck returned. We had hunted the whole forenoon without the sight of a flag, and I began to feel a little blue. I had now been three whole days without a glimpse of one.

We built a fire and all ate dinner together. After dinner Manly and I started off alone



OUR CABIN

for a cabin deep in the woods, where we expected to spend the night, and hunt home the next day. The rest of the crowd turned back.

We had gone about a mile when our trail lead us through a long, dry swamp. Know the kind, brothers? Soft and spongy—almost like walking in a feather bed. At every step you sink in up to your knees, but it's dry clear to the bottom. As we went we picked and ate the wild frost-bitten cranberries along the trail. Suddenly we saw a big deer running ahead of us about sixty rods. We both fired twice, but at that range didn't touch her, but she changed her course and ran into the underbrush at the edge of the swamp. We ran forward as fast as we could, tumbling and sliding, to the place where we had seen her last. Just as we came up, puffing like two locomotives, she started back across the swamp about twenty rods ahead of us,—a fine open running shot. I fired first, and missed. Then Manly missed. Then we fired again, so exactly together that Manly did not even know I shot at all, and the deer went down. "I got her," Manly yelled. "You didn't, I shot last," I answered, and quite a warm discussion followed as to whom the deer belonged.

She was a big two year old doe, fat as butter. It had been a good shot, for her back was broken and she was stone dead when we came up to her. The bullet had gone clear through, so how were we to know

who had killed her? Of course, the odds were in Manly's favor, for he was a good woodsman, and had about eighteen deer to his credit. I was only a greenhorn. But again the gods intervened in my favor, for when we dressed her we found that although the bullet had gone clear through, the copper jacket had stripped off and remained in the wound. The jacket was from a .38-55. Manly shot a .30-30. The deer and the honor of the shot were mine.

Tickled? I whooped and howled with delight. I had now not only filled my own license, but Dad's too. It was simply too good. Manly was very generous, and really seemed more pleased than if he had killed the deer himself. That evening at the supper table we held a jubilee, and if we didn't roast Dad! He had come up confidently expecting to get a deer for me. Instead I had gotten one for him.

Two was all we were entitled to, and besides my school was calling, so Friday morning we brought the deer all in, photographed everything in sight, and that evening started home, after the four happiest and most eventful days of my life.

Somewhere, up in the big north slashings, I claim there is a big buck fattening up for me, and if I am well, a team of mules won't keep me home when the 1914 season opens. How is it with you, brother? Will you, too, be there?



THE DOCTOR SNAPPED ME IN THE ACT

## On the Rat

A SEQUEL TO "BIG FISH ONLY"

By B. A. CLAFLIN

WITH ILLUSTRATIONS FROM PHOTOGRAPHS BY THE AUTHOR



GOOD many of the Outer's readers will no doubt remember my article entitled "Big Fish Only" which appeared in the April number of 1911. It narrated a trip made by the writer and two companions to the Rat River and, while it was strictly true in every detail, I was very much surprised to subsequently learn that not a few seemed to doubt that such fish as I described, were to be taken from any Wisconsin stream. Although I received numerous communications from different doubters, I essayed no reply; for, being sure of my grounds, I felt that proof of my assertions was entirely uncalled for and further, knowing as I did that the performance could be duplicated, I was content to let the scoffers rest with the last word

and satisfied in their wisdom. However I want to say here that I owe an apology to a certain gentleman, I believe of Racine, Wisconsin, who wrote me a very nice letter asking for information. Owing to press of business matters at the time, his letter was inadvertently mislaid and while I intended to make him a reply, when I did find time, I could not find his letter, nor could I recall his name. I hope I may hear from him again. But to go on with my narrative—you fishermen all know how a successful trip begets all sorts of plans for repetition but how difficult they are sometimes to bring about, and although we sincerely intended to renew our acquaintance with this ideal spot, for divers reasons it was not until June of last year that we finally managed to bring it to an actuality. And this is the trip that I am writing about.

Our party on this occasion consisted of



AND THE SIGHT THAT GREETED OUR EYES AMPLY PAID US

Knox, the Doctor and your humble servant. Roach, who was along on the former trip, found it impossible to be one of us, and although we missed him very much, we managed to get along with the doctor as a substitute.

We took the Northwestern train out of Green Bay, Wis., at 10:00 A. M., arriving at Soperton at 1:00 P. M., from which point we were as on our former trip, to take the same logging train to "Seven Mile Camp." Upon looking up the conductor we were blandly informed that the track had been torn up some five miles from this point. We looked at each other in consternation. What was to be done? Could we disembark at any other place along the line and reach some point on the Rat River before nightfall? How far would we have to walk? To all of these questions Mr Conductor very glibly answered and the council of war resulted in our determining to get off at Camp One, five miles out, from which point we were informed that a little walk of two miles would bring us to our desired destination.

Right here I want to point out the fact well known, no doubt, to the majority of pioneer fishermen, that it is well to be careful how you act on the advice of the man of ready information.

Although many, many times had we been stung, this was a "ground-hog case" with us and we decided to see it through—and begin seeing it we did, from the moment we

finally landed at Camp One and unloaded our duffle from the "Pullman" flat car.

We were told to look up "old Barney." We had not much trouble in finding him inasmuch as he was the sole occupant of the place. In the meantime the flyer pulled out. Old Barney did not seem to be very well acquainted with the whereabouts of the Rat, but after he had been introduced to a little bottle of medicine which we carried along to use in case someone broke his leg, he finally did remember that a certain old trail would take us there if we stuck to it for about three "miles." We looked at each other. This then was the first act. The distance from Camp One to the Rat had grown a mile! We tried to make ourselves believe that we did not care; we were out for an outing and a few miles more or less did not matter much. But it was hot, oh so hot, and we had three packs weighing four hundred pounds apiece—weighed at destination, of course. However, after helping ourselves liberally at Barney's pump, we bravely took up our burdens and hit the trail.

Of course you all know what a country mile is—it is unnecessary to explain to you who have "been there." Suffice it to say that after we had walked steadily for nearly two hours, with the heat up to at least ninety degrees, and followed and tortured by swarms of mosquitoes so dense that at times it was hard to push our way through, we

finally came out in a clearing. At the farthest edge a tent was pitched, and as we approached it, we felt that at last we had reached our Rat for we could see that close by ran a small stream. Alas, for our hopes; we found the owner of the tent to be a timber cruiser, and upon explaining to him that we were taking a little stroll across country to the Rat River with the hopes of catching a few trout, were calmly informed that so far as he knew, there was no Rat River around there! The Doctor's pack dropped with a sickly thud and his eyes rolled, while his short bow legs actually wobbled. The T. C. however, saw how hard the Doctor took it and made haste to explain that it was only five miles to Camp Fourteen, and this was on the Rat—that is, if we wanted the shortest cut and did not mind a little wet walking for a couple of miles or so over an old logging road. No, we did not mind it, seeing that it was the only alternative, and as we again took up our packs, we heard the Doctor murmur something about the 'white man's burden.' It was some burden too, for in these packs we had our tent, cooking utensils, blankets and provisions. And among the afore-mentioned provisions, was a half bushel of spuds which the Doctor had insisted upon taking along, because as he said, half of the pleasure of a fishing trip was in being able to satisfy one's appetite after a hard day on the stream. We originally intended staying at least four days and as much longer as our fancies dictated. However, the extremely warm weather forced us to alter our plans somewhat as I will show.

For the first three miles after we left the cruiser's camp we traveled on the old logging road, sinking to our knees half of the time in the spongy bottom, and stumbling over the corduroy filling, the other half. We wound up the last two miles by climbing a hill of almost forty-five degrees, but the Doctor took some comfort in dragging his pack down the other side. Eventually, as in the course of all human events, all these good things came to an end, and as the dusk was beginning to fall, we sighted Camp Fourteen.

And when we finally reached the old camp pump it was really touching to see the Doctor actually embrace it. The camp-keeper and his son, plus one visitor, gave us a warm welcome and hustled together a meal of which we gratefully partook after a short rest. No time was lost in "hitting the hay," for if there ever were three tired mortals we were the ones. I dreamt that night that I was the principal in the old tale who was sentenced to forever roll a heavy rock up a hill which, as soon as the top was reached,

rolled to the bottom again. After what seemed about fifteen minutes of this rolling we were aroused by the camp-keeper shouting "Take it away, boys." It was just breaking day and what a glorious morning it was. As we stepped out of the shack the odor of the basswoods greeted our nostrils and the tortures of the day before were forgotten.

As soon as breakfast was disposed of, rods were assembled and, following the direction of the camp-keeper, we hit an old road and hiked for the stream, which was reached in about fifteen minutes' walking. And the sight that greeted our eyes amply paid us for what we had gone through in attaining it.

The Rat River is a peculiar little stream: stretches of rapids in which the water fairly leaps between and over the rocks, will be followed by still water where the stream widens out, and so on for miles. By good fortune we had struck a beautiful piece of rapids, and as we fastened our eyes on it, the Doctor broke out: "Look at that, fellows! I am glad I carried that pack those forty miles yesterday. It makes this sight so much more welcome. Lets go to it."

I went down the stream a hundred yards or so and made my first cast from a flat shelving rock into the white water just below some big boulders. It was a likely looking place and on either side of the stream at this point, were some deep dark holes that I felt certain must house some lunkers. Although I whipped that place up and down for a hundred feet, nary a strike did I get. I was using a Parmachenee Belle for a leader and a Black Gnat for a dropper. This did not work and I made several changes but no results. Then I tried a Colorado spinner; nothing doing with this either. Now I thought, "if my old favorite fails me," and I dug up a Hildebrandt "Slim Eli," and I want to say right here that this lure has time and again, "delivered the goods" for me when everything else was a dismal failure. For some reason, however, this time it was ignored and I was puzzled to say the least; I just knew there were fish in those holes, and big ones too.

Finally, after meditating for awhile, I removed the spinner and put on a small, plain hook. Going down the stream some little way to a patch of dead water, I baited with a worm, and in a few minutes had three chubs. Back I went to the big rock. A former experience with the rainbows in the Oconto had taught me something, and I would see if it could not be repeated here.

Putting on a good size bass hook with a gut, I cut off about two inches from the tail

end of a chub and carefully inserted the hook into it. Sailing it out over the white water to the hole on the opposite side, it no sooner landed than a big fellow jumped half out of the water in his eagerness to get it. I was so surprised at the size of the fish and his lightning movements, that I struck too quickly and missed him, but a second later, I was into another big one and the fun began. It was some task to get him out of his lair and across the white water, but after a few moments of delicate coaxing, it was accomplished and I had him where I could meet him half way, and in due time he became tractable and my net was under him. He was just sixteen inches long, and a nice deep fish, weighing two pounds and three ounces.

Nor was this all, for I took two more fifteen-inch fish from off this same rock in a few minutes. The Doctor, coming along just as I hooked the third fish, snapped me in the act.

He had four very nice fish, the smallest of which, measured fourteen inches, and that meant one pound. While we were comparing and admiring our fish, Knox came up and showed us three beauties averaging fifteen inches in length. We had never seen an even lot of such sized fish, and then and there voted that we owned the place and visit it again, we would.

We spent another hour or so on the stream, not traveling over a half mile up and down the rapids; it was not necessary with such water as this. Then, as the sun was getting high, we turned back for camp. We felt the effects of our previous day's hike, and

having, as we did, twelve trout, the likes of which we had never seen but once before, we decided to loaf the balance of the day. After dressing the fish, we placed them in ferns and packed them away.

The Doctor and Cal, the visitor, regaled us with some nice stories and the day passed all too soon.

The next morning we were on the stream at daylight, and by nine o'clock had eight more speckled beauties, and one rainbow which weighed about a pound and a half. Weather conditions were decidedly against keeping our fish, and we insisted that this batch of fish must come to town in spite of everything else, so we reluctantly decided to give up fishing and head for camp in order to get dinner and catch the train for home, which we were to board at Blackwell Junction.

This had been another case of learn as you go; here we had ridden five miles from Soperton on an old logging train, and in addition, walked seven miles northwest, to do our fishing within three miles of Blackwell Junction, from which point we learned that a "pede" made regular daily trips to Blackwell, and within a mile from Camp Fourteen.

Nevertheless, we were happy in our newly acquired knowledge. Our twenty-one elegant fish, the smallest of which, measured fourteen inches, and there were only two of these, more than paid us for the hardships through which we had gone, and I promise you that this coming spring will see us renewing acquaintance with the big ones of the Rat River; only this time we shall use the "pede" and save the Doctor's legs for the stream.

## Spring Delayed

By CLARENCE H. URNER

Is winter dead in truth? The breath of Spring  
 Is in the southern wind and fills the air:  
 The flowers and plant-life budding everywhere  
 Are conscious of the joy their beauties bring.  
 Time seems to pass on swifter, lighter wing,  
 The pulse beats faster, and the spirits share  
 The sunshine, which the knolls and levels wear,  
 As land and sky with songs of gladness ring.  
 Old Winter, thou hast had thy reign of power,  
 And thou hast ruled it with a tyrant's might:  
 Now rest thee till thy resurrection day,  
 Nor let thy ghost molest the field or bower,  
 For earth has had enough of frost and blight:  
 Spring, long-delayed, assert thy queenly sway.



ALL SHIPSHAPE FOR THE PORTAGE

## Some Northern Wisconsin Canoe Routes

By JAS. E. CALLAWAY and HAROLD W. PRIPPS

WITH ILLUSTRATIONS FROM PHOTOGRAPHS BY THE AUTHORS

(CONTINUED FROM APRIL ISSUE)

TRIP No. SIX—CISCO LAKE, MICHIGAN TO MANITOWISH OR WINEGAR, WISCONSIN.



**S**TARTING at Cisco Lake, portage into Grace Lake, 127 rods. From Grace to Big Mosquito is 36 rods, then south into Little Mosquito, a short portage over a swampy, indefinite trail. Next into Emeline Lake, a sixty-rod portage, then a sixteen-rod lift into Bay Lake. Another short portage brings you to Long Lake. From the end of Long Lake to Ink Pot there is a portage of 169 rods leading in a south-westerly direction. This leads into Plum Lake. The portage trail from Plum to Tenderfoot Lake is a little over 100 rods. Tenderfoot Lake is on the boundary line

between Michigan and Wisconsin. Leading out of the north end of Tenderfoot is the west branch of Ontonagon River, a wildly beautiful stream. A short trip up this stream is well worth while.

From Tenderfoot you pass through Creek to Palmer Lake. Through the rice beds of the south bay and a short lift brings you to Cochrane Lake. Then a fifty-four rod portage to Jones Lake and another of seventy-four rods from Jones to Devil's Lake. A beautiful hilly trail of 271 rods takes you to High Lake which connects with Fish Trap Lake and the Manitowish River. Fish Trap Lake is a fine one for fishing. Then down the river (there is a dam to carry around) and into Boulder Lake. From this point you can continue down Manitowish River and Stone Lakes as described in Route No. 1, to the



SLIP UP THIS CREEK

town of Manitowish or you may start to Winegar from Boulder Lake by portaging ninety rods into Clear Crooked Lake. From this lake there is a fifty-rod portage to the left of Dicks Camp. There is a seventy-five-rod portage between Wolf and Little Bear Lakes. On the west shore of this Lake, to the left, there is an old right of way. Portage down this until you hit logging road. Keep on logging road until you reach logging camps, then turn to left down steep hill. At the foot of the hill, turn to the right to find creek. Upon reaching creek, turn to the right after putting canoes in water and soon you will come out on Round Lake. From this lake continue on to Winegar in reverse order as described in Route No. 1.

#### TRIP No. SEVEN

The foregoing trip can also be started at State Line. Have a team haul you to Black Oak Lake, five miles distant. A short portage takes you into Anderson Lake from which you may reach Spring Lake by a seventy-two-rod portage. Then through Spring Creek, Lake Mamie, Crooked, West Bay and Big Lakes. Between Big Lake and Palmer Lake there is a logging road, down which you may portage your outfit. From Palmer Lake on see Route No. 6.

#### TRIP No. EIGHT

Another rattling good trip is the one down the Chippewa River from Glidden to either Murry or Bruce, Wisconsin, as de-

scribed by Mr. Wilks H. Douglas in Outer's Book of July, 1912. There are many readers who have no file of back numbers, so with the kind permission of Mr. Douglas, I will give a brief synopsis of the trip as taken by himself and a party of friends.

From Glidden to Murry on the Chippewa River is about 150 miles. This trip will take two weeks allowing stop over of a few days at each of the four lakes on the river. Drive from Glidden to Shanagolden and start the trip there. Pelican Lake is eight miles down stream. There is a fine camp site on the right bank, center of lake, on a point among Norway pines. Bear Lake next, twenty miles from the start. It is a mile and a half across each way. There is an excellent camp site on the left about half way down the lake. Carry around dam at west end of lake. Twenty-five minutes later you will come to Little Cedar Rapids and a little later to Big Cedar Rapids. Blaisdell Lake will be reached in another hour. Between this and Hunter Lake are the Snap Tail Rapids, three miles long, swift and full of rocks, but comparatively easy if there is a good head of water on. There is a good camp site on the right bank of the Big Eddy, which is a mile above Hunter Lake. The camp of the Baraboo Club is on the right bank, about the center of Hunter Lake. A mile from Hunter is Barker Lake from which point there is a road leading to Winter, eight miles away, which town was made

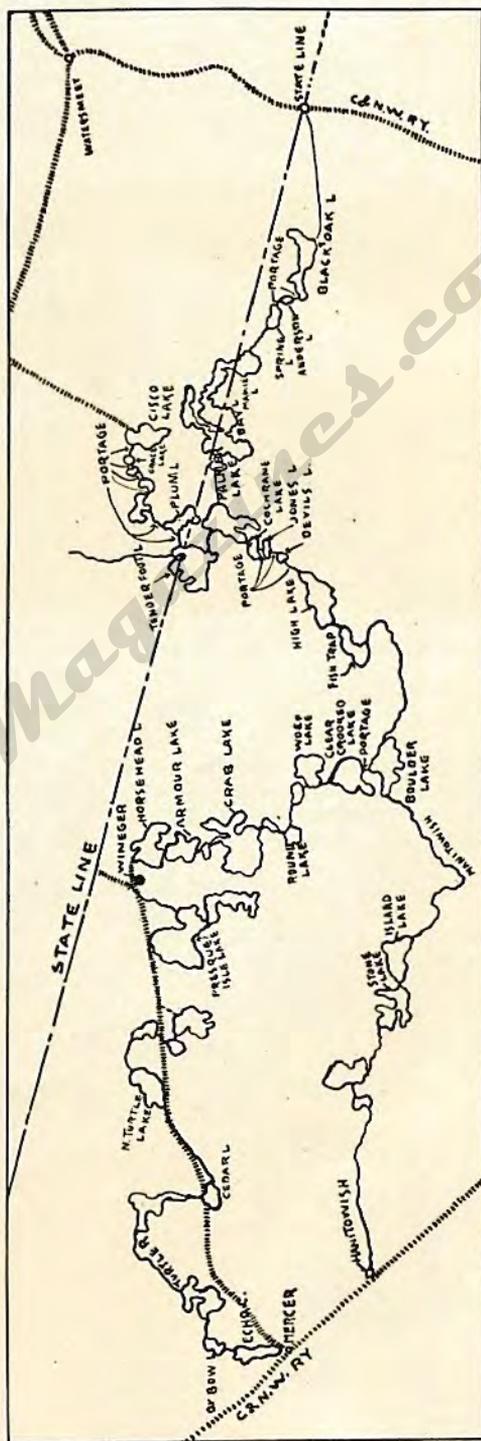
famous by John Dietz, the defender of Cameron Dam. From the outlet of Barker Lake, you will run through in their order, the Goose-Eye, McDouglas and Two-Mile Rapids, the latter being distinguished by the old logging camps on the left bank. Four miles from Barker Lake, the west fork of the Chippewa joins the east. From here on there is easy going until you come to the concrete dam below Raynor, which is the head of the worst rapids on the trip, known as Bellills Falls. Portage on the right bank of the river to a point at least three-quarters of a mile down stream before putting the canoes back into the water. From here to Murray there are no rapids. One can continue to Bruce, but Mr. Douglas states that this addition has nothing to offer but the increased distance and a mile carry to the railway station.

**TRIP NO. NINE—FROM LAC DU FLAMBEAU ON THE INDIAN RESERVATION VIA BEAR CREEK, TO BONEY'S MOUND, AT THE JUNCTION OF THE BEAR AND THE MANITOWISH, FROM WHICH POINT YOU MAY PROCEED AS DESCRIBED IN ROUTE TWO.**

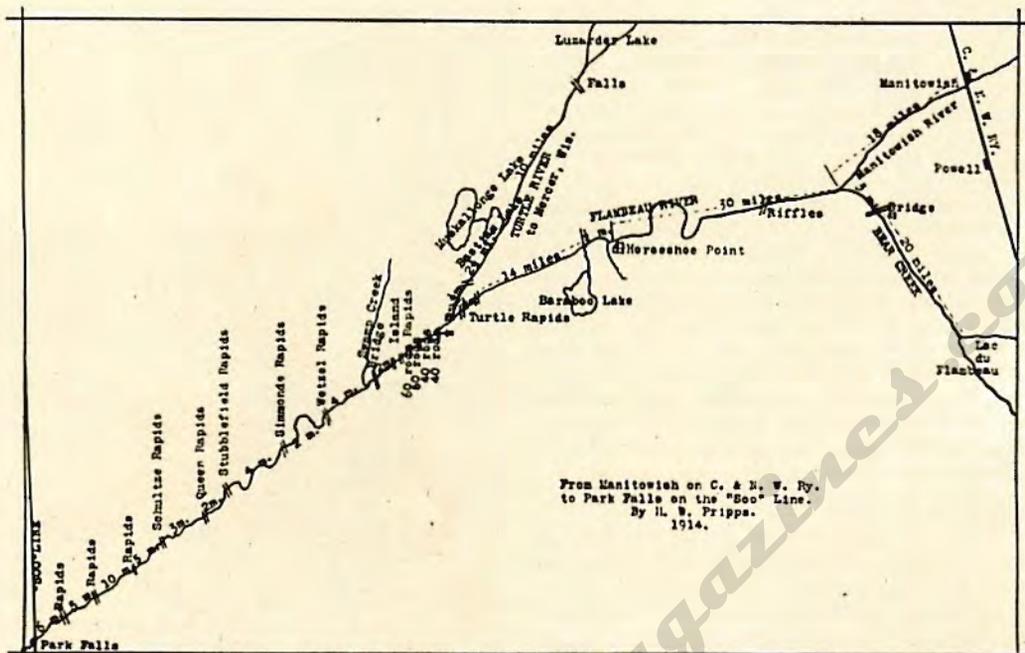
From the station you can have the man who runs the stage line haul your canoe to the town. From this point you can continue through the several large lakes by directions which almost any of the copper-hued townfolk will give you, to Bear Creek. Proceeding down Bear Creek you may be able to find the outlet of the creek which leads to Rannald Lake on the left, in which event you will be assured of most excellent bass and muskellunge fishing. This is about a half day's journey below Lac du Flambeau. The road over Rannald Lake Creek leads from Powell to Emerson P. O. From this point, which may also be marked by Conley's homestead on the right, to Boney's Mound is three miles.

**TRIP NO. TEN—FROM MINOCQUA TO TOMAHAWK CITY, VIA TOMAHAWK RIVER**

This trip, which is highly recommended, starts at Minocqua. Paddle through Minocqua Lake into Tomahawk Lake from which you get into Lake Catherine via canal. From Lake Catherine to Lower Kaubachen Lake there is a portage of about three-quarters of a mile, the only one on the trip excepting some short carries around dams. From this lake you pass into the Tomahawk River. There are quite a number of rapids on this trip, the main one being the Cedar, Half-Breed and Prairie Rapids. The junction of the Tomahawk, Somo and Wisconsin



TRIPS 3, 6 AND 7 ← North

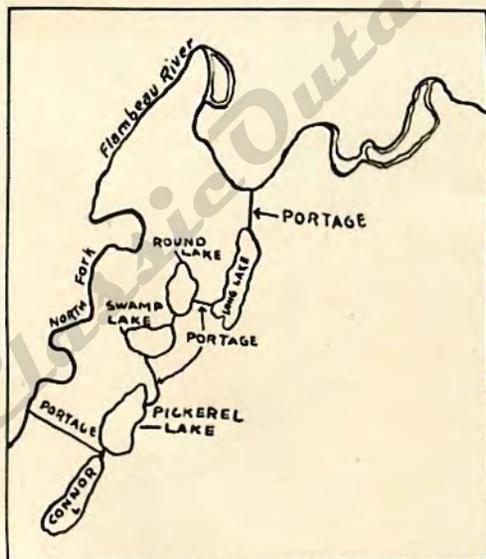


TRIPS 2, 4 AND 9

Rivers near the city of Tomahawk, forms quite a lake. Here you can end the trip or proceed down the Wisconsin River as your time limit allows.

#### TRIP NO. ELEVEN—DOWN THE WISCONSIN RIVER

The start may be made at either Conover, Eagle River or Tomahawk Lake Station. This is an ideal trip for the man who wants to be in the open all day long and still be free from the duties of camp life as one can always end the day's trip at some town and sleep in a hotel. It should not be inferred from this that the trip is a tame one. Some of its rapids will make the cleverest of river men use all of their skill and there are certain wild places which make portaging necessary. The first rapid of note is one mile below Tomahawk Lake Station and is called the Rainbow Rapid. You will reach the City of Rhinelander next, after passing through several miles of submerged forest. About eight miles below Rhinelander are the Hat Rapids, also known as the Whirlpool Rapids. There is quite a lot of fast water following but nothing which should give one much trouble if the water is high enough to cover the many rocks in the shallows. The city of Tomahawk is next. Below this place, about ten miles, are the Grandmother and shortly after the Grandfather Falls. The first can be run easily, but around the latter you will have to portage. The town of Merrill is about fifteen miles below. There



SIDE TRIP MENTIONED IN TRIP  
No. 5

is good water all the way between Merrill and Wausau. One can continue all the way down to Kilbourn, Wisconsin, and pass through the famous Dells of the Wisconsin River in a two weeks' trip passing, in addition to the cities mentioned above, Stevens Point and Grand Rapids, all of which can be utilized as supply points, thus obviating the necessity of carrying a two weeks' supply of provisions. As the Wisconsin River supplies the power for a great number of industries lying in its course, there will be quite a number of dams to carry around, at the head of which as a rule, the back water forms quite a lake.

Here are some of the best known routes, from which to plan your next vacation's cruise. Dozens of combinations are possible. Take your pick and good luck to you.

Now, as to the best time of the year to go. If you are a camera enthusiast and want to get pictures of deer along the rivers, pick June or early July. This season has its disadvantages in the form of the ever-present-always-on-the-job mosquito, but it's worth it. Mr. R. L. Schlick counted eighty-three deer on the Flambeau River between Park Falls and Ladysmith in the month of June. This is also one of the best fishing seasons. About the most popular time for a canoe trip is from September 1st to October 15th. This will take you right into the partridge season. Last year we found it no trouble to get as many partridge as we cared to eat, on any day in the season, along the Flambeau and some of its tributaries. There is also a possibility of adding ducks to the bag, although this is not an ideal duck country, it being too wooded. But, game or no game, you will have a bully good



RAPIDS AHEAD

time in this ideal playground of ours, The Lake Region of Northern Wisconsin.

*Editor's Note:—The maps shown on the preceding pages are very roughly sketched and offered merely to help make the descriptions more clear. Any reader contemplating one of these trips will of course take with him the railroad maps (which are unusually good of this region) and such other regular maps as he may desire to obtain.*





THE SETTER, SMITH'S LADY GLADSTONE, WINNER OF THE ALL-AMERICA CHAMPIONSHIP OF 1914

## Champions and Near Champions of 1913 and 1914

By A. F. HOCHWALT

WITH ILLUSTRATIONS FROM PHOTOGRAPHS BY THE AUTHOR



THE clans began gathering on Sunday, January 11, 1914. Every train that stopped at the little station, down in southwestern Tennessee, known as Rogers Springs, had two or three field trial devotees aboard and Rustic Inn, nestled in the woods a mile away was filling up rapidly, for the guests were met by the hotel attaches as they alighted on the platform. All the available vehicles that owed allegians to the place were pressed into service for the purpose of bringing the visitors, with their duffle and their dogs, over the stretch of hilly country that intervened between station and hotel. All day long the wagons were coming and going, once with a load of passengers, again with stacks of trunks and

then perhaps, with a dozen or more crates of dogs. At this rate, it was quite natural, that the bustle and clamour was rife at the inn that Sunday evening.

The amateur field trials of the All-America Field Trial Club, which were scheduled to begin on the morrow had been well exploited by reason of the successful meets that this Club held here and at various other places in previous years.

As per advertised conditions, this meeting was to be for amateurs strictly; both events which the club was to run were for dogs that had not won in professional trials, and another condition was that they must be handled by men who made field trials a diversion rather than a business. When one stops to consider that there are hundreds of lovers of high class field dogs scattered about this broad country of ours, the All-America

Club had a wide area to draw from, and as one of the events on its program carried with it the title of Amateur Champion of America, which is awarded to the winner of the all-age stake, these trials were worth going miles to attend, for the Amateur Championship is only second in importance to the National Championship.

The entry list for the Amateur Championship was larger this year than ever before. Every man who owns a good dog naturally feels that he has the best and that is why so many were on hand to try conclusions in this event in which every dog, in order to have a chance at the much coveted title, must run at least one heat of two hours duration, during which time he must be hunted and shot over just the same as if he were out with his master on a regular hunting expedition. This is another reason why the event appeals to the lover of the gun dog, for all owners are on an equal footing; there is no professionalism, no jockeying; the stake is in every sense of the word a gentleman's game. From Knoxville came T. T. Pace and Ambrose Gaines, with their great string of setters; from Chicago, came Dr. G. W. Overall with his good setter, Moring; from Washington, D. C., W. L. Kidwell entered his pointer, Kidwell's Comet; Alabama was represented by Major White, with two pointers; F. I. Brown, from Fort Wayne was there with two of his setters over which he has shot in nearly every state in the Union; A. O. Yount, representing the Wise Kennels of Richmond, Va., was here with Terese Whitestone; Louis McGrew, the secretary of the club, had Babblebrook Ben and Buster entered; and thus they came from all parts, but besides these regular competitors there were a number of visitors just to see the sport, for these meetings of the All-America Club are famous for the hospitality and the high principles which its members have advocated ever since the organization has been in existence. Mr. and Mrs. Otto Pohl, from Fremont, Nebraska, came on just to see the sport and so did a number of other ladies and gentlemen. Louis Hilsendegen wended his way southward from Detroit, Michigan. He had purchased the derby setter, True Dick, shortly before these trials, but Dick was not in good form just then and therefore could not start. Naturally, his owner was greatly disappointed but he was not to be outdone; he was going to be a spectator if nothing else was feasible, but he resolved to be a participant, if possible.

The week before, Hilsendegen had been over at Grand Junction, fourteen miles away, where the United States' professional

trials were run. There he saw a very high class setter, Smith's Lady Gladstone, by name. Through a train of rather unfortunate circumstances, which are not pertinent here, she was not placed in those trials, but perhaps that was the best thing that ever happened to her and to her owner, Grady Smith, of Lamar, Miss., for Fate played into his hands. Louis Hilsendegen has been following field trials for the past twenty-five years in an amateur capacity, and he knows a good dog when he sees it. He saw Smith's Lady Gladstone run that one heat in the United States All-age stake at Grand Junction and then he promptly went to her owner, secured an option on her and entered her in the All-America Championship.

That Sunday before the opening of the trials, when the inn was full of guests and they were sitting around the dinner table in the evening, he boldly stated in that serio-comic manner of his, that he was there to win the Amateur Championship. Naturally, no one took him seriously, for every man who had a dog entered in the stake was there to win, although they did not all say they were going to do it. "Loocy," as his intimate friends call him, is never taken seriously, though for once he was really in that frame of mind. He is one of those rotund, jovial sort of fellows with a joke on his lips and a laugh in his eye at all times. From every angle that you look at him the joviality is apparent—so is the rotundity, though the latter quality had nothing to do with his winning or not winning the championship, except that his friends may



THE POINTER, KIDWELL'S COMET, WINNER OF SECOND ALL-AMERICA CHAMPIONSHIP OF 1914

have thought that because of his *avoir-dupis* he would not be able to stand the pace, even if his dog could. Another quality that he possesses is the ability to tell stories, and when he is in the mood he can entertain a crowd for hours with his inimitable impersonations. Indeed, some of his anecdotes would have done credit to the immortal romancers of the Decameron, so "Looney" entertained the guests that Sunday evening at Rustic Inn and continued to intersperse his tales with the statement that he would win the championship—the ladies as well as the gentlemen laughed at his stories and at his confidence—but not for a moment was he taken seriously.

The colored porter came through the corridors at six o'clock the next morning ringing a bell whose shrill vibrations penetrated every nook and cranny of the building, so of course the guests were soon out of bed, even though they were tucked way down in the depths of good warm blankets. Nobody could withstand the noise of that morning call; Gabriel with his horn could not wake the dead any more effectively on judgment day than did that colored porter wake the sleeping field trial followers with that cracked bell of his. In another half hour the guests were at the table and before another thirty minutes elapsed the horses were before the door. The drawing was made and it was found that twenty dogs would start in the great event that had been talked about by every owner of a good setter or pointer in every state of the Union. About sixty horsemen and horsewomen started out on the day's jaunt. I said horsemen, but among these were several "mulemen," since about half a dozen of the men were mounted on long-eared cousins of the equine. The morning was cold and the wind sharp, but the five-mile canter to the grounds was enjoyed by everyone, even those on the mules, among whom were Otto Pohl, Louis Hilsendegen and the writer. Right here, let me say that those mules in western Tennessee are excellent riding animals and, taking everything into consideration, they make the best mounts imaginable for the rough riding over the fields where a sure-footed animal is one of the essential qualifications.

The first three braces of dogs which ran did not develop anything remarkable and there was no work done that produced the real thrills, but in the fourth, Dr. Overall's setter, Moring, ran a good race and did some effective work on single birds. In the brace following this was Babblebrook Ben, who found two bexies and ran such a good heat in the way of speed, range and intelli-

gent ground-work, that the opinion was general that he stood well up in the race up to this time. Early in the afternoon the pointer Kidwell's Comet, very ably handled by John S. McSpadden of Hickory Valley, but owned by W. L. Kidwell, of Washington, put up a class race which even surpassed that of Babblebrook Ben. In fact, at the end of the first series all indications pointed to the Washington dog as the possible winner of the race, provided he could make the final test in the two hour heat which he would be obliged to run in the second series.

The last brace of the day consisted of the setter Whaler Whitestone, owned and handled by T. T. Pace of Knoxville, Tenn., and Smith's Lady Gladstone, the setter which Louis Hilsendegen was to pilot on to victory. When this brace was called the sun was already dipping along the western horizon line, sending only oblique rays across the vast expanse of fields, while faint shadows were insidiously creeping through the woods and ravines. Of course all the spectators were interested in this race, for it was worth while to see Louis Hilsendegen handle this high class setter, particularly since he said he was going to win the coveted title with her.

He laboriously climbed on his mule, waved his charge away with a sweep of his hand and as he said: "Get away, Girl!" it appeared to us that in that order there was blandishment, entreaty and command all in one, for Looney was not as confident of being able to handle her as he would have us believe. The Girl took him at his word and got away, straight down through a great stretch of open country, across a meadow, and then through a ravine, she flitted wraith-like and indistinct in the half-light that slowly enveloped the scene by this time. "Looney" watched her flitting; he did not know whether she was going to swing back on the course or not and he failed to take advantage of the situation as a professional handler would have done at this moment, by blowing her in, so Lady continued, on, on, until she was as a mere white speck silhouetted on the darkening horizon. Then some one in the crowd, against the ethics of field trials yelled "Whistle her in!" Looney had heavy mitts on and he had difficulty in locating his whistle; finally he succeeded in getting it into his mouth and then he blew and blew, but Lady was beyond hearing distance. She had literally obeyed his command to get away. Then her neophyte handler started after her as fast as he could make his mule go, which, however was not a pace that would have won a Grande Prix. The harder he rode the faster Lady went on,



LOUIS HILSENDEGEN OF DETROIT, WHO HANDLED SMITH'S LADY GLADSTONE. THE DOG HE HAS ON LEAD IS TRUE DICK, HIS RECENT PURCHASE

for it is one of the well known theories in field trial handling that if you keep on riding directly after a dog instead of turning your horse in the direction you want him to go, the surer it is that he will continue on away from you in a straight line, and Smith's Lady Gladstone lived up to the theory. She was seen to disappear in a woods which was now but a blot of indistinct purple and black in the fast fading light. "Loocy" was last seen galloping into the timber and then the judges turned and followed the other dog, Whaler Whitestone, who was running a consistent heat and finding birds. Ten minutes elapsed and Hilsendegen returned crestfallen and weary, for to him the championship cup was but an impalpable vision about this time. He was asked if he had found his dog and if not, why he left her. He answered in his characteristic manner: "H—! I don't know this country and I'm afraid to go home in the dark; I'd rather loose my dog than get lost." His answer produced a laugh, but he was perfectly serious.

Whaler Whitestone finished his heat and then we went home. That evening the judges decided that, inasmuch as Smith's Lady Gladstone was lost through bad handling and not so much by reason of any fault in her breaking, she would be given another chance in a thirty minute heat the next day, in order to demonstrate whether or not she

was a runaway, or bolter, as it is termed in professional parlance.

The first series was concluded on Tuesday morning after which the second series was begun; the first brace consisted of Babblebrook Ben and Kidwell's Comet. The latter ran a brilliant heat and for two hours continued on at the killing pace with which he began, during all of which time he found and pointed birds galore and handled them perfectly. Ben also ran a nice heat, but it was not up to the standard set by Comet, hence it was apparent to all that the dog which was going to win the coveted title would be obliged to beat the black and white pointer from Washington. Dr. Overall's setter Moring ran against Whaler Whitestone in the afternoon and after that two-hour heat Smith's Lady Gladstone was pitted against a little setter called Rocksand II.

Her nescient handler of yesterday had become wiser by experience. It is true on one occasion he very nearly led her away, but he retrieved his error in time and swung his charge back on the course where she made a most sensational point on a bevy of birds. The find was a good one and the result of an intelligent cast. It required some time for "Loocy" to dismount, get his gun and prepare to fire, for it should be understood that one of the requirements was that any dog which was placed must be shot over.



THE POINTER, COMANCHE FRANK, WINNER OF NATIONAL CHAMPIONSHIP OF 1914

He approached his dog not in a way the cautious handler would, but all intent upon the point and what he was going to do when the birds were flushed. He walked directly into them, forgetting to give his dog a word of caution or encouragement, but fired twice as the birds rose—and missed with both barrels. But all this time Smith's Lady Gladstone, well trained bird dog that she was, never moved an inch from her original stand. The work was perfect and the judges knew that Smith's Lady Gladstone was entitled to a two-hour heat, so it was announced that she was to be brought out in the morning, since the afternoon was already nearly spent and no further running was done for the day. That evening, at the hotel, Hilsendegen was more confident than ever; in his own mind he had the stake won and as he tenderly fondled the handsome cup which sat on the desk of the hotel he gave Secretary McGrew directions where to ship it—but still he was not taken seriously, for that old saying, "There's many a slip between cup and lip" was surely invented in the realm of field trials. In this particular instance no one thought for an instant that Louis Hilsendegen of Detroit would be able to handle that high class setter two hours without experiencing the slip alluded to.

The field trial party started out Wednesday morning prepared to see an interesting heat between Smith's Lady Gladstone and Terese Whitestone of the Wise Kennels of Richmond,

Va., handled by A. O. Yount. The latter was all but a professional, having broken many a good dog, and no one thought that the neophyte from Detroit would have a chance against him, for Terese Whitestone was herself a candidate of more than ordinary quality. At first there was the usual difficulty in handling Lady, but she soon swung to the course and from then on she produced a race that was a revelation. First she found several singles, then she pointed a bevy and then another and yet another. Her handler was kept busy getting off and on his mount and also shooting, and his shooting began to tell too, for nearly every time he fired he dropped a bird and sometimes made a double, until the judges at last requested him not to kill any more since they were perfectly satisfied that his dog was thoroughly broken. Besides they wanted some birds left for future trials. Lady found six bevs and several singles during that heat and every bit of her work was of the clean-cut variety. As the heat progressed the galleries—never more enthusiastic—began to realize that "Looney" was in earnest. She finished her two hours with a brilliant bevy find, and when the dogs were ordered up, there was not one person in that assemblage of spectators who was not perfectly satisfied that Louis Hilsendegen was serious for once in his life. Smith's Lady Gladstone won the title of Amateur Champion of America in spite of her handler. Second place went to the pointer Kidwell's Comet, third to the setter Moring and fourth to Babblebrook Ben. When the judges announced their decision at luncheon time a mighty cheer went up for Louis Hilsendegen of Detroit, and Smith's Lady Gladstone.

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The National Championship, the grand finale of the field trial season, took place at Grand Junction, the week following the All-America trials.

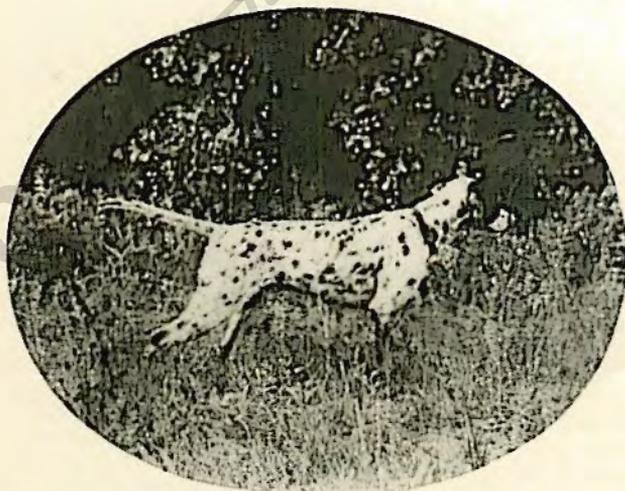
Perhaps at no previous National championship was there so much interest and keen rivalry displayed as this year and among the fourteen dogs that were drawn to start there was not one which was not good enough to win such a stake.

The two pointers Comanche Frank and Champion John Proctor were in this race, and among the setters were Paliacho and La Besita. All four of these dogs have been frequent contenders in well known field trials. John Proctor, is the dog which won the All-America Championship on prairie chickens at Towner, North Dakota, last fall, while Paliacho is the setter which gave the pointer Security such a race in

the all-age stake of the same meet, Security finally winning first place. Comanche Frank won the chicken championship the year before, and just a week previous to the present Championship he beat John Proctor in the all-age stake of the United States trials over these same grounds.

With Champion John Proctor, Champion Comanche Frank, La Besita, Paliacho, Security and nine lesser lights in this race, it is but natural that the interest was at fever heat. John Proctor, the great pointer that holds the championship on prairie chickens for the season of 1913 to 1914, was not quite up to form and made a rather poor showing for the dangerous dog that he usually is in competition; La Besita ran her three hours wonderfully well, but her work on single birds was faulty, Security's bird work was probably the best of any of them, and while he is not yet quite up to championship caliber, he is a promising candidate for next year. Comanche Frank and Paliacho ran

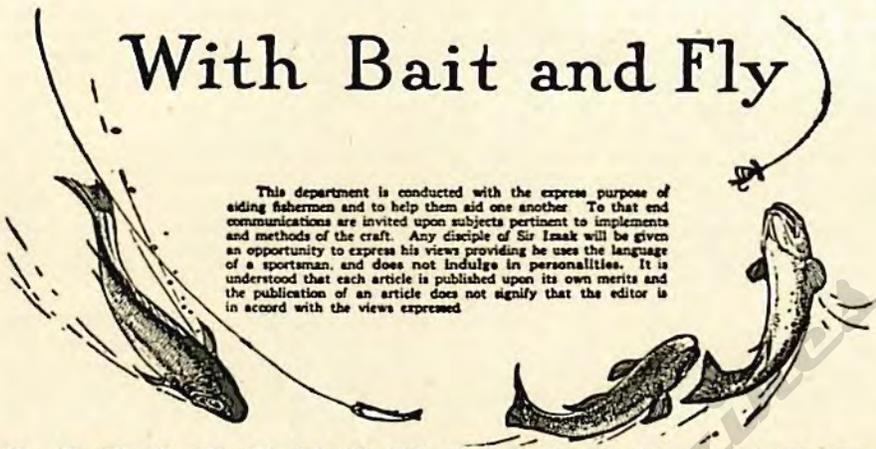
the two real championship heats of the stake and when their running is carefully analyzed, they stand out above the other competitors in about equal proportions; at all events the judges thought this, for they called for these two to run a final heat in order to decide the winner. It was a great race that this pair of high class dogs produced when they were braced together. For the first hour and a half Paliacho had all the better of it, but somehow the little setter began to show signs of tiring toward the end and during the last fifteen minutes he was in great distress. He had started too fast and failed to maintain his killing pace. Comanche Frank on the other hand, went better as he ran and thus within a few minutes of the close of the heat he snatched from Paliacho the \$1000.00 purse and the handsome Edward Dexter Memorial Cup which Paliacho had practically won. Comanche Frank was crowned the National Champion of 1914 and Paliacho the runner-up.



THE SETTER PALIACHO, RUNNER-UP TO THE POINTER,  
COMANCHE FRANK, IN THE NATIONAL  
CHAMPIONSHIP OF 1914

# With Bait and Fly

This department is conducted with the express purpose of aiding fishermen and to help them aid one another. To that end communications are invited upon subjects pertinent to implements and methods of the craft. Any disciple of Sir Isaac will be given an opportunity to express his views providing he uses the language of a sportsman, and does not indulge in personalities. It is understood that each article is published upon its own merits and the publication of an article does not signify that the editor is in accord with the views expressed.



## Fishing With the Dry Fly

By SAMUEL G. CAMP

Author of "Fishing With Floating Flies," "The Fine Art of Fishing," Etc.

WITH ILLUSTRATIONS FROM PHOTOGRAPHS BY THE AUTHOR

**D**RY-FLY fishing, a method long practiced on the placid chalk streams of England, of which the most famous are the Itchen and the Test, is a method calculated with malice aforethought for the taking of extremely well-educated trout in hard-fished streams. It varies chiefly from wet, or submerged, fly fishing in that the artificial fly employed is so constructed that when skilfully cast and fished it floats on the surface of the stream. On the English trout streams the artificial flies generally used are the closest possible imitations of the natural flies observed on the water.

The dry-fly caster works upstream, casting his single fly—but one fly is used—upstream or up and slightly across, and allows it to float down on the surface towards him until it is lifted for another cast. In England it is considered the highest form of sportsmanship in dry-fly angling to cast only to a trout which the angler has previously seen rising. However, over there, as is generally the method in this country, the dry-fly fisherman sometimes "fishes the water," that is, casts

where he has reason to believe a trout may be lying, after the manner of the wet-fly fisher.

Before making a new cast it is generally necessary to dry the fly by a process of false casting, making several casts without allowing the fly to touch the water. Then a fresh cast is made allowing the fly to float down over water previously unfished.

Now, why use the dry fly in preference to the wet?

In reply we might say, because it's more sport—and it is—but we prefer more practical reasons and also the Yankee manner of argument by counter-question.

You know the way the wet fly is fished, generally downstream in a more or less chuck-and-chance-it manner, followed by working the flies in a presumably fetching way across the stream or quite possibly directly up stream against the current. In most cases the flies intrinsically resemble not at all anything found in nature. And no winged insect upon which trout feed ever travels upstream under-water either from choice or necessity. It can't.



THE AMERICAN DRY FLY MAN "FISHES THE WATER"

Now take the case of a certain two-pound trout you know about, either our native *fontinalis*, the brown trout, *Salmo fario*, the quarry of the British dry-fly fisherman, or the rainbow. The fact that your two-pounder has attained that dignity of size is pretty fair proof that he is passing wise in his generation. In all probability he has been hooked and lost several times and thereby and otherwise has acquired a good working knowledge of the angler's wiles and a very wholesome fear of them. He is "gut shy," and several other sorts of shy. Moreover, as befits his dignity, he does not rise with undue haste to any fly, natural or otherwise, and takes a fly only with calm deliberation and with the certainty that there is nothing suspicious about the insect either in form, color or action.

Fly-fishing is always more or less of a gambling transaction at best, so let us put our hypothetical question on that basis.

If you were positively reduced to one lonesome, crumpled five-dollar bill and the necessity of risking it on the chances of the wet or dry fly against the accumulated wisdom of the above described two-pound fish, would you place your money on the shapeless,

bedraggled, dubiously-colored wet fly, dragged erratically about within the vision of the trout, or upon the little dry fly, shaped and colored in almost perfect simulation of nature, floating buoyantly downstream over the trout even as the natural insect rides the current?

Of course you would.

The writer holds no brief for the exclusive use of the dry fly. There are times when every advantage is with the wet fly—times when the practical angler desirous of taking a few good trout by fair methods would be foolish to persist in the use of the floater. But on the very distinct other hand there are times and places when and where every practical advantage is with the dry fly, always over shy fish in clear water, and always casting the floater is intrinsically more sport and more consistently interesting than casting the wet fly.

The logical foundation of the whole matter is about as follows: Trout feed upon natural insects; the fly-fisherman depends for success upon imitating with his artificial flies the appearance and action of the natural flies; the floating fly properly selected and skillfully fished provides a far more faithful



CAST A SINGLE FLY UP STREAM, OR UP AND SLIGHTLY ACROSS

simulation of the appearance and movement of the natural insect than the angler can by any means effect with the wet fly and by wet fly methods. The floating fly holds, indeed, the mirror up to nature.

The subject of dry-fly fishing is a very difficult one to satisfactorily discuss within the limits of the average magazine article, the field is such a wide one, but we can, at least, briefly point out the chief essentials in tackle and methods. Inasmuch as we have no American angling entomology, and furthermore as there are practically no artificials patterned directly from the insect life of American trout streams, the American dry-fly angler perforce uses the same artificials as are used in England. This, however, is really not so great a drawback as it might appear, for, as a matter of fact, a judicious selection of the English floaters will be found quite generally illustrative of the insect life of the streams of this country.

The following is a list of flies which the writer has found to be thoroughly adequate and very efficient under average conditions: Coachman, Wickham's Fancy, Gold-ribbed Hare's Ear, Silver Sedge (or Beaverkill), Olive Dun and Iron Blue Dun. Some of these, preferably the "fancy" patterns such as the Coachman, Gold-ribbed Hare's Ear and Wickham, should be obtained in size ten as well as in size twelve, the latter being the one most used in American dry-fly work.

The flies should be dressed upon eyed-hooks (without snells) and preferably on hooks with turned-up eyes. As noted above only one fly is used in dry-fly fishing and this should be attached directly to the leader, the following method being simple and quite satisfactory:

Run the end of the leader through the eye of the hook, turn it back and tie a slip-knot (half-hitch) around the leader; nurse the slip-knot up to and over the eye of the hook and draw taut by pulling on the leader. This forms a jam-knot against the eye of the hook. Finish by cutting off the projecting end of the gut.

You should procure also a small metal box for carrying eyed-flies, and a small bottle of some one of the various preparations used for oiling and waterproofing the flies in order to make them float better.

Most anglers, while merely experimenting with the floater, will use their ordinary wet-fly tackle with, of course, the exception of the flies. But whether satisfactory results will be obtained will depend very largely upon the outfit used and it might be well to note briefly the essentials of an adequate dry-fly fishing equipment.

With regard to the fly-rod, it should by all means be of six-strip split-bamboo, if possible a first class hand-made rod. This will be a matter of some expense but pays mightily in the long run. A very good

average length for a fly-rod for dry-fly work in nine and a half feet. Most expert dry-fly casters favor a rather stiffish rod, one with an appreciable amount of backbone.

As for the reel it is perhaps necessary only to note that it should be single-action.

A tapered line is distinctly a practical advantage for the dry-fly man. The light, tapered end makes for accuracy and delicacy in placing the fly and also helps in floating the fly when the cast has been made. For average use a thirty-yard, double-tapered line, size E, should be selected. This line tapers to about size G. The very best lines for the purpose are the ones known as "vacuum dressed" and as a rule are imported from England, although similar lines are now being made in this country by Mr. Perry D. Frazier, formerly of Forest and Stream. The Frazier lines may be procured from any of the best tackle dealers. Mr. Frazier's reputation as an expert in tournament casting and on the materials and manufacture of fishing tackle is a sufficient guarantee of the quality of his product.

The leader should run from seven to nine feet in length and this also should be tapered, running down for the most delicate work to a point of the finest undrawn gut.

With the assumption that the angler is fairly well equipped for dry-fly work, here are the principal points for him to remember about the way to fish with a floating fly when arrived at the stream side: To use a single fly, previously waterproofed; to cast the fly upstream allowing it to float down on the surface as far as possible, after the exact manner of the natural insect; to make several false casts between actual casts to dry the fly.

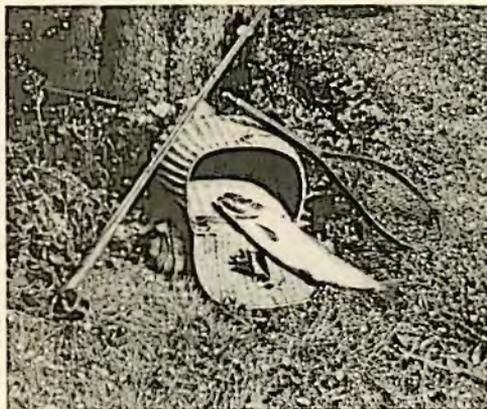
With regard to the actual work on the stream it may be said that the horizontal cast should be favored wherever possible over the usual overhead cast. This for two reasons: First, it is very desirable that your floating fly ride downstream "cocked," that is, floating with its wings upright and not tilted over on its side; a well cocked fly is apt to result more frequently from the horizontal cast than from the overhead. Second, if the rod is kept well down as in the horizontal cast its motion is less liable to alarm the fish.

To properly float the fly take very thorough care not to lift the point of your rod at the finish of the cast when the fly has just reached the water. The slightest pull on the line at this time promptly pulls the fly under the surface, "drowns" it in the language of the dry fly. The rod, at the finish of the cast, must be held perfectly motionless until the fly has progressed a little way on

its downstream journey. Then very slowly and carefully take in the slack line by stripping through the guides or raising the rod-point, or both. But—and the point is a very important one—remember that all fishing with the dry fly must be done with a line which is more or less slack, that is, of course, until your trout is hooked and being played. The "taut line" which is continually dinned into the ears of the beginner at wet-fly fishing plays no part in the casting and floating of the dry fly.

Moreover, it is generally necessary to cast and maintain a slack line in order to obviate "drag," a term used by dry-fly anglers to describe a tendency of the floating artificial to travel at a pace or in a manner unlike the natural fly under the same circumstances. For instance, if the angler is forced to cast across the stream, and the mid-stream current is faster than that near the bank where the fly falls, the action of the fast water on the line will pull the fly—drag it—over the slower current in a manner very different from the action of a natural insect coming down on this slow current without restraint from line and leader.

But drag can usually be avoided by casting a slack line with the requisite skill. For example, under the circumstances above mentioned, the angler would so cast his line that there would be sufficient slack resting in the swift current to allow the fly to float for some distance in the slower water or until the slack carried down by the fast current begins to pull on the fly. With regard to the importance of avoiding drag as religiously as possible the fact should be noted that it may be taken for granted that a shy and very particular fish is not apt to rise to a fly floating in a suspiciously unnatural manner.



THE BEST OF TROUT ARE SHY AND SOPHISTICATED



## The Results of the Tackle Description Contest

ONE of the typical characteristics of the angler is his sociability. The hunter frequently goes afield alone, and sometimes develops into a genuine hermit. But anglers seem universally to "hunt trouble in couples," as the imperishable Mulvaney puts it. Practically every angler has his fishing pal, and I am yet in doubt as to which gives us the most pleasure—the actual hours spent with our cronies on stream and lake, or those long winter evenings when the fellows come over to the house to smoke a sociable pipe and offer suggestions, while you lovingly go over the various items in your tackle box in preparation for the days to come.

The writer is perhaps particularly fortunate as he is blest with several friends who drop in every so often for a rocking chair fishing trip. These are the chaps whom I decided would be the proper "committee of good fellows" to judge the big pile of manuscripts which poured into the office in response to the invitation in the February issue, for our readers to enter into a friendly Tackle Description Contest. Every one of them would truly "rather fish than eat," as one proved in this instance by missing his supper in order to get over to the house on time. I hadn't told the boys that I wanted them to act as judges because I knew that such an invitation would send them scudding to shelter like a frightened trout when a clumsy footstep jars the bank. But I did pass the word around that there would be something of special interest astir in the angling line if they would drop over to the house the first Saturday evening in March. That hint was enough, and by quarter of eight on the appointed evening the guard was assembled to a man. And you should have seen their eyes glisten when I told them that they were going to have an opportunity to read at first hand the descriptions of the angling kits possessed by the scores of Outer's Book readers who had responded to our invitation. Inside of five minutes coats were off, pipes lighted, and each fellow had settled himself comfortably in some corner of the den, and was hard at it. So interested did we all become, that it was nearly midnight before anybody noticed the flight of time, and when

the boys went home each one of them took with him a bunch of the manuscripts.

The better part of two weeks was consumed before all of the stories had been passed from hand to hand, the boys reading as rapidly as they could in their spare time. Meanwhile the wife of one of them met me on the street and demanded to know what I had done to her husband. "He spends his entire evenings reading some old papers that you gave him," she declared, "and never says a word to me. Just sits there and reads. Why I can scarcely get him to go to bed."

I explained to her carefully that this was a matter of great importance, whereat she answered enigmatically, "Huh! Anything connected with fishing is *always* important with you boys."

I am sure she was not entirely unsympathetic when she said it, however, for her eyes were twinkling, and the lunches that her husband always carries with him on his fishing trips are—well maybe you'll meet him some day by the stream side, and if you do, be sure not to refuse one of his sandwiches if he should offer it to you.

Finally we met to decide on the winners. Of course, every fellow had his favorites picked, and they did not all agree. But there was no such disgraceful wrangling as that Deer Hunting Contest bunch went through (guess maybe that shot will tell). The entire affair was thrashed out with that suave and modest manner which so distinguishes your true disciple of Father Isaac. The final vote showed the following results:

### CLASS A (TROUT TACKLE)—

First prize, Mr. J. W. Kirgan of Cincinnati, Ohio.

Second prize, Mr. A. W. Purchas, Oilfields, California.

### CLASS C (BAIT CASTING TACKLE):—

First prize, Mr. Sheridan R. Jones, of Iowa Falls, Iowa. (Let us say in passing that Mr. Jones is already well known to readers of Outer's Book for his refreshing discussions on various subjects in connection with bait casting).

Second prize, Mr. Chas. F. Newpher, of Cleveland, Ohio.

Unfortunately no prizes could be awarded in class B (Surf Tackle). Uncle Sam seemed to be particularly slow about getting mail out to both coasts during the month of February and so few of the surf casters found time to complete their stories before March first. Indeed the only articles on this subject which reached us at all came in after the closing date and so could not be considered.

Never mind, Brother Surf Casters. One of these days, we're going to arrange a special contest for your benefit alone, so you'll have your opportunity after all.

In addition to the above, it was decided to award a special prize to Mr. M. L. Bangham of Indianapolis, Indiana. Mr. Bangham is

an enthusiastic fly fisherman, but as there are no trout in his vicinity, he is forced to confine his practice to fly casting for bass. His description is excellent, but the boys finally came to the decision that it would be unfair to consider his article in competition with those of other anglers in Class A who confined themselves strictly to descriptions of trout tackle as called for in the conditions. So it was decided to award him a special prize, and Ye Scribe is going to see to it that something suitable is selected.

All in all, we believe that the readers of the Angling Department will get more real pleasure and practical ideas from the reading of these articles as they are published, than from anything similar that we have ever run.

## My Trout Tackle

By J. W. KIRGAN

WITH ILLUSTRATIONS FROM PHOTOGRAPHS BY THE AUTHOR

*Winner First Prize, Class A, Tackle Description Contest*

WHAT words to conjure with these. What "fond recollections" they present to view of days that live in the memory of every fisherman. What pleasure to go in the winter evenings to that particular closet, your sanctum sanctorum, or holy of holies, sacred to Father Izaak, and bring out your cherished possessions for an evening of fireside fishing. You sit down with them before you, amid clouds of incense of good tobacco, and for the time, the "great god Nicotine" bows before the more powerful Piscator. Each article holds a particular memory. Here is a Grizzly King, frayed and worn, the only one you had, which was the sole attraction for the trout one day on the Bear. Next it is a Zulu which you bought because it didn't look like anything alive. You recall tying it on one day after trying everything else without success, and the trout received it with open arms and mouths. In a pocket of the fly book is part of a broken leader; the other part you left attached to the jaw of a big Rainbow you hooked in some swift water on the Boardman. That was the day you left your landing net on the bank and went back for it and—suddenly you are reminded that it is the coldest night of the year, and you recall that the Angling Editor wants description and not reminiscences. As suddenly you realize

that your descriptive powers are wholly inadequate for the task, and remember the school boy who, when asked to name the capital of Indiana, replied that he knew but lacked the eloquence to express it in words. Likewise I find myself lacking in that ability to describe the sense of satisfaction and pleasure I derive from the possession of my modest trout-fishing equipment. A photograph is helpful, but lacking life, lacks reality.

On the left of the picture is seen a Leonard Tournament rod. To fly fishermen this rod needs no introduction. Its possession has given me this satisfaction, that though my friends may have much more of this world's goods, they cannot own a better rod. It is 10 feet in length and weighs 6 ozs., and while much lighter than the rods of English manufacture, in my opinion, it is too heavy for ordinary trout fishing. The past year I have used it for heavy trout in fast water, and when fly-fishing for bass. When the water is low and clear, and using the dry fly, fished fine and far off, it is the ideal rod.

On the right is a 9½-foot Thomas rod, weighing 5¾ ozs. In appearance, action and balance, it is all that could be desired and while having no reason to advertise its sale, I consider it the greatest value to



THE AUTHOR IN ACTION

be had for the price. While the action is easy, it has none of that whippiness that spoils good fly casting, and last summer I found it admirable for dry-fly fishing. I was so fortunate as to win this rod in a contest last year and the pleasure in using it has been considerably enhanced by that fact.

Both these rods have been fitted with agate tips and stripping guides, as I find that the tip and first guide, even when of the hardest steel, become worn in a short time and are consequently very hard on the line.

It is almost unnecessary to comment on the absolute need of a good rod if one is going to get any real pleasure out of fly fishing, but it is a fact that most men in buying their first rod, purchase a cheap one and in a short time discard it in disgust. Until he has been initiated into the delights of fly-casting, it is hard for an angler to see how any rod can be worth the sum of thirty dollars. I know that many an ardent disciple of Walton possesses a small income, but the purchase of a cheap rod is "penny wise and pound foolish" policy. A very good one can be bought for fifteen dollars, which in my opinion, is as cheap as a satisfactory one can be had.

I hope to live long enough and prosper sufficiently to add more rods to my collection, but I feel that with these I am reasonably supplied for general trout-fishing.

That round object in the middle is a Meissbach automatic reel. Do I see any hands

raised in horror or hear any remarks of "How unsportsmanlike"? Wait, let's hear the evidence. I believe, as do many others, that a reel is of little use in fly-fishing except to hold the line. The line is held in the left hand and stripped in or paid out when playing a fish. A single-action click reel is worse than useless when a trout is breaking the speed limit coming down stream toward you. The line when stripped in is usually caught up in loops on a finger of the rod hand; frequently this becomes tangled in lengthening your cast again, or you lose your hold of it and it gets mixed up with your legs. How easy to touch the spring of the automatic with your little finger and the slack is taken up instantly. Again, I find it balances a rod better, being heavier than the usual fly reel. In my opinion, a rod should balance with reel and line at about 10 or 12 inches above the grip. The ordinary rod will not do this with the usual click reel. In spite of the heavier reel, you will find that your wrist is not so tired after a hard day's fishing. The reel shown is simple in its mechanism and has a device which prevents its running above a certain speed, and the large barrel prevents a permanent coiling of the line as occurs in the ordinary reel.

Above and to the right of the reel is a chamois skin bag in which leaders are kept. This keeps them in much better condition than the ordinary box or pocket of a fly book, the gut not becoming brittle or losing

its strength. If you lack skill with the needle, the feminine member of the firm can doubtless be prevailed upon to make one for you—if you don't go fishing *too* often.

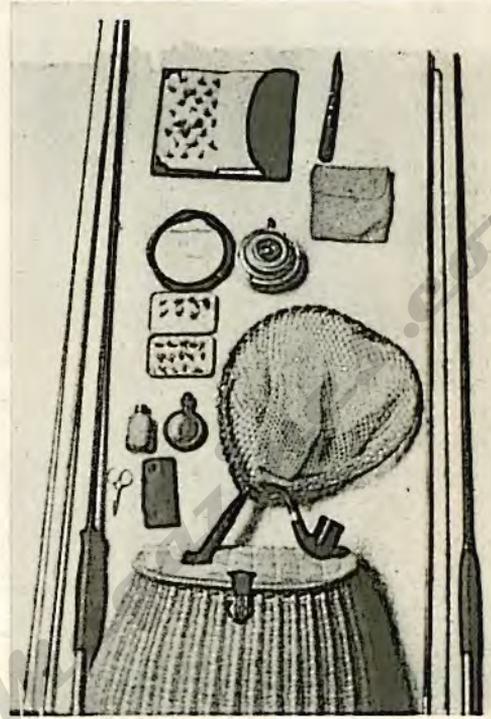
The leaders it contains are tied by myself from gut obtained from England; this gut is dyed a water green color which does not fade and is practically invisible in clear water. Four sizes of gut running from 7-1000 to 16-1000 of an inch in thickness are used, making a tapered leader six feet long for wet-fly fishing and eight feet long for dry-fly fishing. The barrel knot is used in tying the strands together, and I should advise every fly fisherman to learn how to tie this knot. Mill's and Abercrombie & Fitch's catalogues show how it is done. You can tie your own leaders from the finest quality of gut at about one-half the price asked for them in the stores; besides a great deal of pleasure is derived from their being your own handiwork.

At the top is a fly book, containing eyed flies. These, I think, are much more satisfactory than flies tied with gut snells. Many of the latter on which the flies are perfectly good have to be discarded because the gut becomes frayed or weak, or you discover this when you lose a good fish. Some think it a nuisance to attach the eyed fly to the leader, but the following which I have never seen described, is extremely easy and quick:

Pass the end of the gut through the eye and take two turns with it around the leader; then stick it through the opening left by the first turn next the eye, draw the knot tight by pulling on the leader and clip off the end left. A pair of blunt scissors are shown for removing flies from the leader and cutting off ends of gut. A string is used to attach them to a button on the shirt or jacket.

Alongside the book is a knife with a long, keen and sharp-pointed blade. Necessary for many purposes, it is essential for dressing trout; the sooner a trout is dressed, the better it is and it should be the rule to stop and do this at hourly intervals at least.

To the left of the reel is a size "E" double-tapered, vacuum dressed fly line, with leader box in the center. A size "D" same line (on the reel) is used on the Leonard rod. These lines are wonderfully smooth and soft, and the enamel does not crack or peel off as it does on the hard enameled lines; if stepped on, however, when lying on a solid object, the line is ruined. If good care is taken, it will last a lifetime. No line should be left on the reel any length of time as it will become permanently coiled. It can be wound on a glass fruit jar or a large bottle, then slipped off and the coils secured

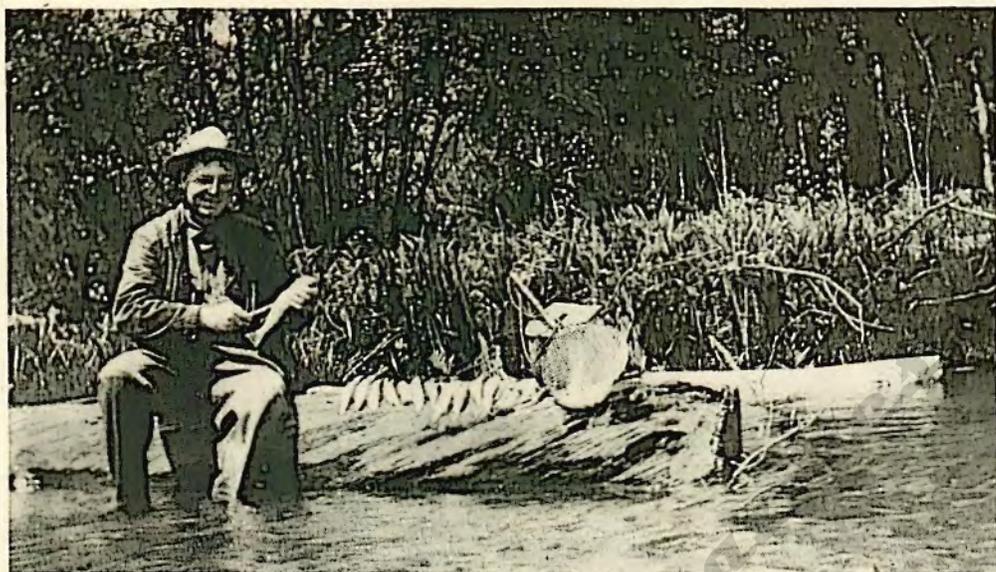


THE PRINCIPAL ITEMS OF MY OUTFIT

by tying with string in two or three places. Securely put away in this shape at the end of the fishing season, the line is in excellent condition when you are ready to start out the following spring.

Below the coil of line is a box for holding dry flies and underneath this is a bottle of oil and an atomizer for applying it to them. There are many preparations on the market for dressing floating flies, but lanolin liquified by sulphuric ether is equal to any and much cheaper. It should be kept in a bottle tightly corked, and if the oil becomes too thick more ether can be added.

To the right of the scissors is a line greaser for applying deer fat to the line; this not only adds to its life, but makes it run through the guides much easier. A little powdered graphite added to the deer fat improves it. Try it and see how easily you can "shoot" the line just before the flies reach the water. This "shooting" the line which is done by holding three or four feet of slack line in the left hand and releasing it just before it straightens out ahead of you, not only causes the flies to drop more gently on the water, but enables you to reach spots under overhanging bushes, etc.



"A KNIFE IS ESSENTIAL"

Creel and landing net, with a rubber cord to go over the shoulder, complete the outfit proper, but it would be far from complete for me if the pipe were missing. Ripe in years, soothing as a woman's hand, it

has been my inseparable companion on every fishing trip. A comfort when success was fickle, an added enjoyment when she smiled; may the Red Gods grant that it offer much incense in their behalf.

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## That Fishing Feeling

By ALLEN F. BREWER

When you love the fish you're after,  
And you learn his crafty ways,  
When you know just when to lure him,  
And just where he leaps and plays.  
Then you're really, truly sportsman,  
And right worthy of your game,  
Then you know that same old feeling,  
For it strikes us all the same.

Though your pole be but a sapling,  
Or a rod of finest steel.  
Though your line's tied to the rod-tip,  
Or runs off a hand made reel,

Still, no matter what your outfit,  
Or no matter whom you be,  
You all know that same old feeling,  
When the fish are running free.

Though you lure the giant tarpon,  
Or your game's the speedy trout,  
Though you fish for wary stripers,  
Or seek the salmon out.  
Still you feel that same old feeling,  
When you know he's lurking by,  
Thinking every dog-goned second,  
That he'll take your bait or fly.



## My Bacon Winners

By SHERIDAN R. JONES.

WITH ILLUSTRATIONS FROM PHOTOGRAPHS BY THE AUTHOR

Winner First Prize—Class C Tackle Description Contest

MY bait casting tackle and but a few score words! Ye shades of Walton! As it lies before me now, each hook-guarded lure, each rod, e'en the smallest bit of feathered tackle begs leave to tell its story of success; while there upon my right are the companions of unsuccessful streamside jaunts, taking their disgrace meekly and without complaint. Who knows but that the angler was at fault? Who knows but that yon short rod sent them forth upon waters where the odds were all but even? Who dares condemn? No! We shall draw the cloak of oblivion over the mottled group and carve upon the simple monument: "Not poor, but poorly tried."

Bait casting tackle—my tackle! Glad is the writer that the call was not for your tackle, for where do we find a greater tackle crank than the bait caster. And justly so. How long is it before we shall learn the simple lesson—tackle must fit the man, not man the tackle? Master this, and there will be more respect for the man who wields a different rod; more sympathy for the discarded lure; more appreciation of the square deal—the fighting chance in angling.

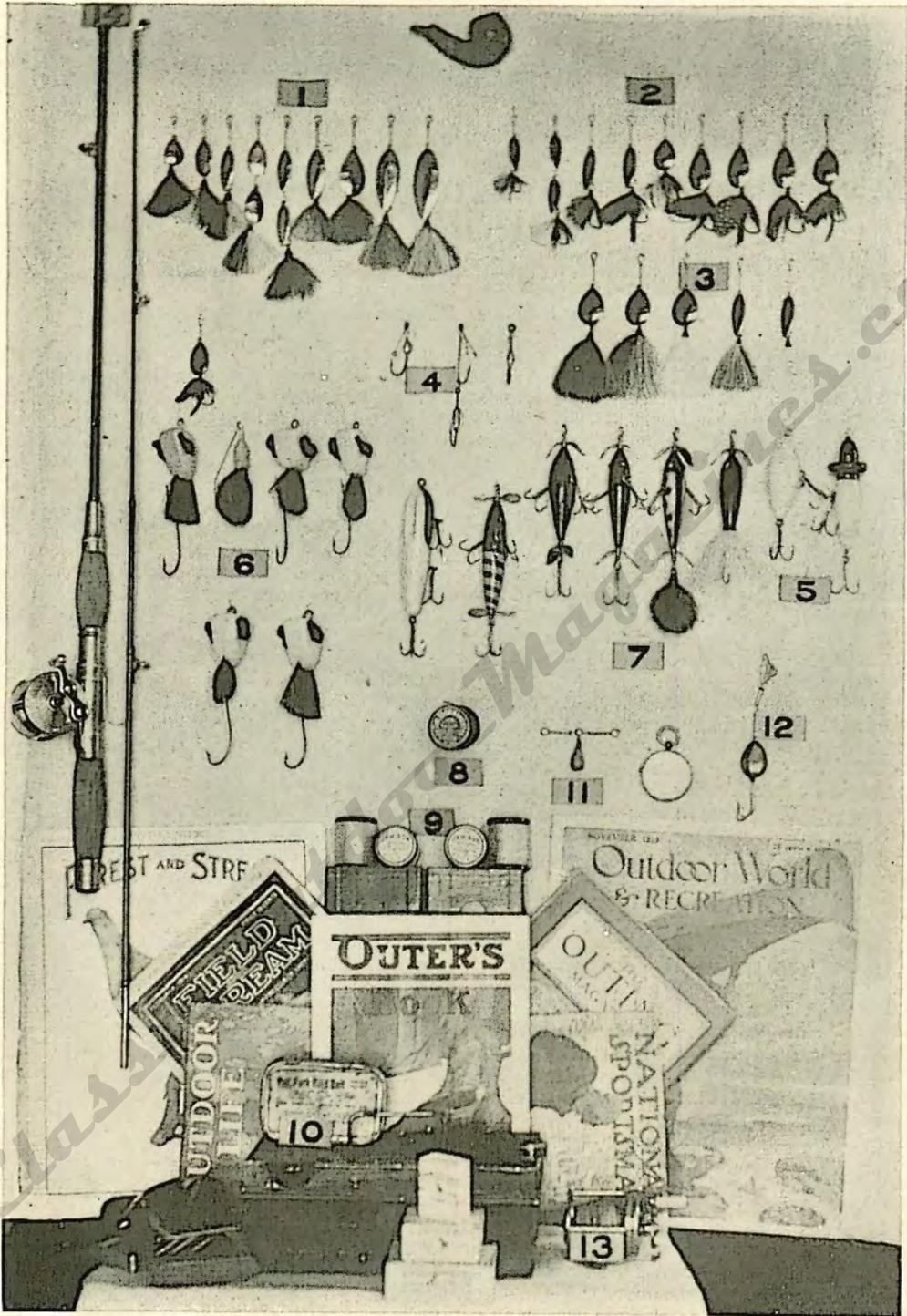
Perhaps the most important piece of casting tackle in the author's kit will cause a bit of surprise on the part of some. Who ever heard of such a thing being classed as tackle? And yet to me it is as essential as braided silk and rod of finest split bamboo. 'Tis the elbow touch of the brothers, casting from month to month upon the printed page. My study table is the home camp from which each side trip gains inspiration; 'tis here I first wet the line in fancy's and memory's battles with the bronze backed denizens of stream and lake. There is no more important part in the equipment than that supplied by the weekly and monthly visits of our outing publications. Who will say that they are not bait casting tackle of the highest type?

But working tackle must as well be made of sterner stuff, not merely dreams and memories. And so, here follows that which

suits one tackle crank at least; perchance I may be able to reach across the page and shake with other brothers of the streamside. If not, it is as well.

My rods. Both split bamboo and steel, each has its place. For lake fishing and the deep-water river, where the only hardship the rod receives comes from the 'set' and the playing of the fish, it is Jim Heddon's Favorite that does the business. No, it is not a high-priced rod, but it's a *man's* rod every inch of it. There are better groomed tools of the craft but none that have more real fight than this rod of the common man. The special design, short butt and long tip, makes the casting of light lures a pleasure and it has the whip and strength of the best of them. When it gives up I may choose a No. 10 or even a No. 15 just to have a higher priced rod, but we'll talk that over *when it gives up!* No show for them just now. For stream work among the rocks and snags I use a five-foot Bristol, because it can stand the grief and come back smiling. It is also my favorite when going light into a country where a broken tip would mean much hardship. For a long time I was deceived by the ultra bamboo enthusiast and believed that 'nothing good could come out' of Bristol, Connecticut; that the wielder of the metal was an amateur. Take it from me, ye younger brother anglers, there's a bunch of the older lads that have a warm spot in their hearts for the steel rod and they don't slip out the back way either. I use both the No. 25 and the No. 33, and they are *some* rods when it comes to taking punishment.

As I reach for the old briar upon the stand, companion of these many trips, the fancy takes me to include it in my tackle list. It tells again the story of a fight. Well do I remember a certain stream, a lusty bass trying the fibre of rod and line, hands benumbed with cold. How the memory comes back. I hear again the snap of amber. I feel again the chill of icy water as I plunge to rescue so true a friend. And then the slackened line! Yes brother, I



THE "GO LIGHT" TACKLE FOR STREAM FISHING

1—Colored and natural buck tails with nickel spinners for dark water. 2—Flies with gold spinners for clear water. 3—Buck tails with gold spinners. 4—For pork. 5—For use in the open weed beds. 6—The Coaxer family. 7—Underwaters. 8—The Kingfisher line. 9—Jamison lines. 10—Pork rind. 11—Non-kinking sinker. 12—The pan lure. 13—My "Show" reel. 14—The Bristol.

lost the fight but the old briar was saved. Someway that stubby stem demands a place among the lures, the lines, the reels and battered spoons. Someway I have a fancy that it should be thus.

But fish are not taken with the rod and pipe alone, there must be something made of sharper stuff (and yet the pipe might qualify at times). My lures! And now ye Red Gods come to my assistance—I scarce could name them in these few score words. For surface lures I'll just tie to a Coaxer for the reeds and rushes and add a South Bend short Woodpecker and a Decker when in open water. With the water deep and fishing over weed beds, a darter (Pollywog) is always in good favor. There are other surface lures of good repute, but these are *short* and may be counted on to bring the bacon home. (A short plug is more successful in hooking bass especially when it rides the surface, as the fish are fast in striking a lure of this character.)

Underwater lures for deep lake water are easily supplied but must be well finished to claim place as a regular. For this reason I choose both Dowagiac and South Bend minnows, the former being rather more chunky than the latter. Both are of excellent quality and the makers stand back of each plug. Say brother, how does this strike you: No. 100 series Dowagiac rainbow (the all around lure) and Yellow Perch for large mouth and the northern pike; 904 style South Bend regular and Min-Buck in white and yellow, body spotted—both good bass baits; the combination bucktail minnow, fancy green back and natural hair—a killing small mouth lure; Coaxer underwater—will start a fight with any pickerel; red and white Charmer or a Chipewa bass bait with spinner in the minnow—when you have to make them mad, for these are 'motion' lures. Look it over. That's a bunch to draw to for a fact and not a great assortment either. If you can't pick a winner from the above, something's wrong! It isn't all in the bait either; some men cannot connect with a lure that is a deadly bait in the hands of another fisherman. Personally I find that the handling of an offering is as essential as form and pattern. Ever note a minnow swim? Does he go *straight*, boring through the water like a motor boat? Well hardly! Note those short side dashes, those moments of rest when his body settles slowly toward the bottom, the quick jump as he is off again. You've a tip on that rod brother as well as a reel. Why not master the 'tip' handling of your underwater minnow, it will mean fish on the days when most of us draw a blank. I prefer a rather stiff

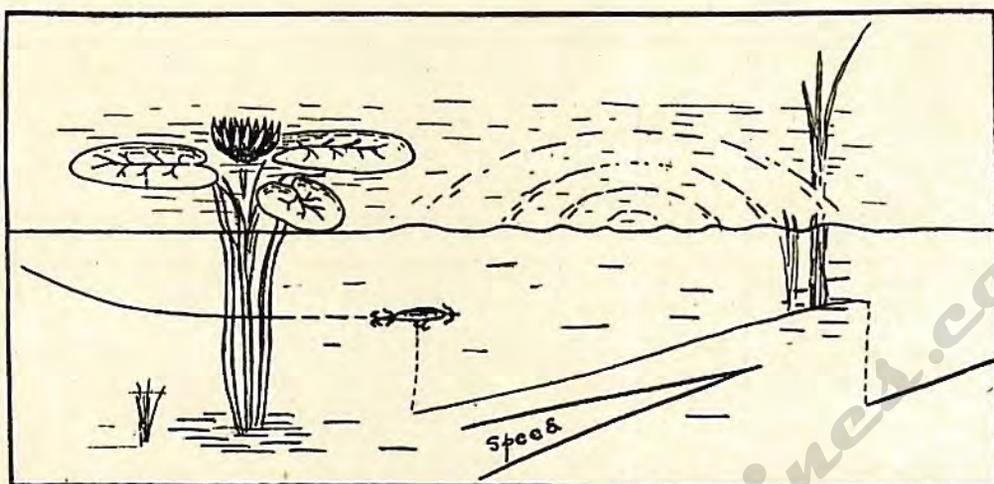
rod for this, as too much whip—while of value in the fight—renders tip work nearly impossible.

And then the *water!* This is usually a neglected bit of tackle, but if you are to be a bait caster you *must know water*. You must study it and make note of success and *failure*, until the depth, the color, the temperature, the atmospheric conditions, the *all* will name your lure as accurately as though it were a spoken word. That's part of the tackle though we can not name it.

When casting the stream it is almost necessary to turn to the spoon and spinner, especially when seeking small mouth. The word spoon is spelled 'Hildebrandt' in our language and calls to mind a few choice patterns in nickel plate and gold. Small sizes surely and all three designs, with a non-kinking sinker as a leader. A few eyed flies of standard type (Split Ibis, Yellow Sallie and a black for sure) and you have a princely stream lure for all bass and northern pike. If these fail, you can slip the fly and substitute a chub, meadow frog or pork rind (if lake fishing) and still return with enough for the pan.

And now for a little kink of my own. With your pliers (which most of us will get in this contest) turn the kirb of a Cincinnati bass hook to the other side. Now place it on a No. 4 gold Idaho together with another regular hook of like size and pattern. This will give you a point on each side and will guarantee hooking your fish. Loop on about six or eight fat earthworms, lead with a non-kinker to keep the points up, cast easily, retrieve slowly and—oh you pan lure, where is the game fish that can refuse! I do not commend this as a sportsman's lure, but there are times when we would use any thing if only we could smell the fragrance of frying fish, Were you ever hungry brother? Then you know!

The reel question is not a real question. Most of us admire our high priced tools. Most of us would dislike to be seen with a reel costing less than five dollars, and usually I am one of 'us'. But! I've a little sixty yard Abbey and Imbrie quad. (Riverside jeweled) that has had its share of the grind and I'm going to pin my faith to it for old times sake. It has lost some of its shine to be sure, its click is a trifle worn, but its barrel spins true with an ease and stillness that would put my 'show reel' to shame. Mayhap I couldn't get another like it that would stand the grief, possibly not; but I'll not go back on an old comrade, and when its days of usefulness are passed, when its voice becomes wheezed and its step unsteady,



"HIS BODY SETTLES . . . . THE QUICK JUMP AS HE IS OFF AGAIN"

it still will hold a place in my heart for it's just my reel.

There are lines without number and good ones too, also quite a collection of regular profanity breeders. But the *line must fit the lure*. For surface baits of the Coaxer type and weight (this includes all *short plugs*), I choose a small soft braided silk of 12 pound test. If you have had trouble in casting these, the fault lies in the line, as they will not pull a large or hard braid for anything more than a short cast. Jamison's Special 12 pound is made expressly for such lures and by purchasing this you will be sure to get the right Coaxer line and we all want one. For underwater lures that run a trifle heavier, a 16 or 18 pound silk of the same quality handles just right. I have used a Kingfisher because of its reliability but would now tie just as quickly to a Jamison, a Dowagiac or a South Bend. They make the lures and know what's right in a line. If the water is exceptionally weedy I often select a 20 pound for a night line and sometimes use a hard braid because of its wire-like action. But no matter what the poundage, you can not abuse silk. It is animal tissue and disintegrates rapidly when moist. Keep it oiled with a good thin oil and then add a couple of trees to your tackle kit as a line drier. You will find these by far the easiest to 'tote' of any line drying device and perhaps the most effective.

Yes, I have finished the description of my 'fighting tackle', and though it is but a meager selection from many tools, it is enough. Go light, is a motto that breeds pleasure. (Just hear that Stoppie Kit rattle off on the

floor as soon as I mention 'go light'. Yes, I'll put it in my pocket to keep it quiet.) Go light, if you would reach the best casting water, water that is little fished and shrouded in memories that will endure. I have many other fish getters upon my tackle shelves and several higher priced tools of the craft that I often use, but *my* tackle kit must be carried while I fish and it has been with this in mind that many old time favorites are here omitted. True I have passed the landing net and gaff, yet what need for these; we're going *light*. A finger slipped through the gill and thumb in mouth suffices for the bronze-back; thumb and second finger to the eye sockets for northern pike and the smaller muskellunge, and a .22 short to end the battle of the old timer. Of course with the ganged minnow a net or gaff is a necessity to avoid the many points, but I enjoy most the lures with the single hook.

My casting tackle? Grant me one memory e'er I close. A little pool nestling beneath a wall of rock and just above, a boiling rapid. 'Tis evening and the last rays of an October sun reflect the browning tints of autumn. Two anglers, clad in harmony with the dying year, have stolen to this wildwood spot to give the bronze-back battle. I see the motion of the rods as the tiny spinners, tipped with single feathered lures, shoot out toward the rock marred foam. I hear the splash of water as the fighter leaps and takes the hook. The fight is on. One angler leaves the pool and stands in admiration at the scene, for he witnesses a skill superior to his own. That delicate touch of thumb on reel, that perfect curve of tip, that half suppressed cry of

delight as the water breaks. Steadily, meeting every movement with equal ease, handling every rush with equal cunning, she brings the captive to her feet—nor falters here. A tiny hand slips down into the water, a quick movement as the fingers

feel the gills—and the battle is won, while there stands upon the bank a prouder angler than the victor. Yes brother, she's the one part of the equipment that is seldom left at home, a companion on many streamside jaunts, the king bolt of my casting tackle.

Watch for the excellent article by C. F. Newpher, which took second prize in Class C of the Tackle Description Contest

## Some Notes on Fresh Water Fishes

By THEO. G. LANGGUTH

WITHIN their range of occurrence, the blue-gill, the crappie, the rock bass and the yellow perch, probably represent the most common and widely known, of what might be classed as fresh water pan fishes; with these species the art of casting with fly or bait, must for the most part, give way to the practice of still fishing with live bait; the tender memories of boyhood days are recalled to mind, few of the fine points of tackle or angling were known or considered those days, a cane pole, a coarse line and cork float, a hook of nearest suitable size available, a supply of worms or grubs, perhaps a bucket of live minnows, and then away to the scene of action, the excitement and pleasures of which, were to remain with us in such lasting cherished memory; yet, many of us know that at times when better fishing is not obtainable, satisfying sport, with light rod and flies may be had even with the sun-fishes. Among the true sun-fishes, the bluegill or blue bream (*Lepomis Pallidus*) reaches the largest size, attaining a weight of about one pound, and is a well known and important fish, more especially from the small lakes in the northern states; it occurs from the Great Lakes and New York to Florida and throughout the Mississippi Valley, and to west Texas; the color of the adult blue-gill is dark bluish or slate color and this together with its almost orbicular shape, and the characteristic opercular flap, or ear flap, serve to distinguish it among its associates, this is a hardy fish of fairly rapid growth, and besides being a good pan fish, has many qualities, that naturally recommend

its use for the stocking of small private ponds; being gregarious in habit, at spawning time in spring or early summer, their nests looking like shallow bowls in the floor of the lake, sometimes as many as twenty or more can be seen within a distance of a few rods in the shoal waters; fishing for them at this time should be prohibited and discouraged, since their capture means that the spawn or fry that the parent fish is so diligently guarding will be destroyed by other fishes, turtles also have a fondness for fish eggs, they will enter an unguarded nest of bass or sun-fish and gorge themselves with the spawn. After the spawning season the blue-gill retires to deeper waters, and will usually be found at depths from six to twenty feet, in lakes at the edge of bars, or deep holes, or along the shore line at places where the bottom descends at a sharp angle; taken with a light fly rod, a fine line, and hook of small size, worms, grubs, etc., for bait the blue-gills furnish good sport. We all know the peculiar maneuvers of these fish when hooked, how in their efforts to swerve toward deeper water, they turn their flat bodies and extended fins broadside to the strain of the rod, describing circles in their rise to the surface. It was while on an expedition for bream that Colonel E—, ex-officio conducting the affairs of a fish fry, noticed that some of the anglers were assembling their tackle for casting, and forthwith gave instructions to members of the fishing staff, "now, boys, none of that fancy fishing, get a can of bait and go after them bream, it's meat we want today."

Associated with the blue-gill in many waters throughout the northern states and Mississippi Valley are found the crappies, the true crappie (*pomoxis Annularis*) known as paper-mouth, new-light, and other local names appears more abundant in southern parts of its range while its congener, the calico bass, or strawberry bass (*pomoxis Sparoides*) is more general in northern waters, these species resemble each other closely in figure and coloration, but may be easily identified by the old rule of counting the number of spines in the dorsal fin, the calico bass having seven or eight spines in the dorsal fin, whereas the crappie has but five or six; they are attractive and beautiful fish when first removed from the water, their flat bodies richly colored, a silvery sheen mottled with dark green, the markings of the true crappie are less conspicuous, often blending to pale bluish green. These fish attain a weight of a pound or rarely two pounds. The best live bait to use is a small minnow, hooked through the cartilage of both lips, or through the back near the dorsal fin, above the back bone; a small spoon hook is effective at times, but only seldom have I known of much success in taking them with artificial fly. Their favorite haunts are around sunken logs or among submerged tree tops; in clear waters inhabiting moderate depths, in muddy waters frequently taken within a few feet of the surface. They are wary, easily frightened fish and because of their tender mouth, careful handling is required in landing them; the crappies, while fairly prolific, are delicate, and quite susceptible of disease and fungous attacks and are not especially suitable for stocking of small ponds; though thriving in shallow, roily waters, the quality as a food fish is impaired under such conditions.

The rock bass (*ambloplites Rupestris*) named goggle-eye and red-eye, is common over much the same range as the crappies and is a rather pugnacious little fighter, armed with powerful fins and has ten or eleven spines in the dorsal fin; in color it is dingy green or bronze, with brassy reflections, irregularly mottled with black blotches; the iris of the eye is usually bright red, hence the name red-eye. This fish is likely to be found in small schools around gravelly bars, or in holes five to twenty feet deep near snags or sunken trees; still fishing is the usual practice, or trolling with a small spoon hook, but at times toward the close of day they will rise to the artificial fly. The rock bass is a good food fish, yet quite frequently I have found them infested with parasites, worms in their fleshy parts, under the skin

of the back and shoulders. Very similar to the rock bass in appearance and in anatomical features is the warmouth bass, also named goggle-eye, Indian bass, and mud bass; but the layman angler will readily recognize it owing to its contrasting coloration, the warmouth is clouded with blue and red or coppery colored markings and has three rosy bars extending from the eye across the cheek; in habit it is less gregarious than the rock bass and seems to prefer quiet waters where clay or mud bottom exists.

The yellow perch (*perca Flavescens*) should rightly have the call in popularity as a pan fish; in its choice, a fish of the lakes, a ravenous feeder, audacious, and easily captured with hook and line it is always a food fish of first quality, barring only the ever influencing factors of an unfavorable environment; the most striking individuality of the yellow perch is its marking of five to eight vertical dark bands that extend from the olive bronze colored back across its yellowish sides; its lower fins are usually orange-colored, or reddish at spawning time, and like the wall-eyed pike of the same family it also usually has the distinctive black spot on the membrane of the spinal dorsal fin. Spawning takes place in the spring of the year, the semi-buoyant eggs require from one to three weeks to hatch in water at a temperature between forty-five and sixty degrees. The spawn is a peculiar gelatinous mass that later shapes itself into a narrow strip, like a ribbon. In the small lakes of the north the ova sometimes can be seen floating among the aquatic plants in shallow waters. The yellow perch prefers cool, clear waters of good depth, twenty to a hundred feet or more, and is not suited for planting in shallow ponds, or in the smaller streams of the interior, being carnivorous it is very destructive to the fry of other fishes and for this reason care should be used in introducing it into waters suitable for more valuable species, or where a better fish has proved its adaptability. A passing word with the camper and angler on how to prepare these fish for the pan and the plate may not come amiss, since to understand how to properly dress the various fishes, is in itself something of a problem. With the pan fishes, I have found the following method quite the best, albeit if the fish is skinned, the muddy taste is, to some extent, avoided, if he has been taken in such surroundings. Sharpen the knife on a coarse stone, if not possessed of a modern fish scaler, since a saw-edged knife excels a keen edged one for scaling and will answer for both cutting and scaling; proceed

with the scaling in quick, vigorous strokes, keeping the hand well away from the sharp spines of the fins, the head of the fish being firmly held in the other hand; now pass the knife blade again a few times over the sharpening stone, and run a slit from the vent to the gills, and dislodge the entrails; next begin just back of, or below, the ventral fins and with a single upward and forward slanting stroke toward the nape, close to the head, remove these fins, the pectoral fins, and the head in the same cut; next make a deep incision either side of, and close against the dorsal fin, its entire length, and extract this fin with its objectionable spines.

Do the same with the anal fin, which is the first fin on the under side forward from the tail. Excepting the tail, our fish is now naked of fins, and if he is of large size, split him, and likewise remove the tail; a final scraping and washing and the victim is ready for the pan, cover the fish with a thin coat of corn meal or flour, season to taste, and while in the pan turn him often till well browned, in a plentiful supply of piping hot lard. Needless to say that the fish should be served hot from the fire to impart its best savor; nor is it probable that our expectant appetites would sanction any delay at this stage of the proceeding.

## Answers to Anglers

### PIKE FRY PLANTING

EDITOR ANGLING DEPARTMENT: The Outing Club, of which I am a member, built a house boat on Big Cedar Lake, Washington County, Wisconsin, five years ago this spring. We started in that spring and planted four cans of wall-eyed pike from the State Fish Hatchery, and followed it up for the next two years by planting pike each spring. You are no doubt acquainted with the conditions of this lake—clear spring water, mostly gravel bottom, with plenty of weed beds and feeding grounds. We planted the fry in a shallow weedy part of the lake, following instructions as closely as possible. Now, what troubles us, is that we have never heard or seen one of these pike since we planted them, although some of them should be four years old now. The lake abounds in perch, croppies and blue gills, and is fairly well supplied with pickerel, big mouth black bass, rock bass and numerous other fish. Can you give any reason why pike would not live in this water or why, if they did not all die, some of them have not been caught?

I can not close without saying a word of praise for the Heddon rod, which I received with the Outer's Book three years ago. I have caught a number of black bass and pickerel with it each season, although my fishing has been confined to week-end trips to Cedar Lake as often as I could afford to take them during the season. The first season I landed a nine and one-quarter (9¼) pound pickerel with this rod and a light

silk line, which was some sport. For bait I was using a combination of my own—a small Hildebrandt Spinner to which I attached a bait composed of a single hook with a soft rubber bulb for a weed guard, to this hook I first attached a medium Bing's weedless hook and then hooked on a pear-shaped piece of pork rind, first slashing the edges of the pork toward the front or small end, tying the pork to the shank of the Bing's hook in a couple of places with red yarn. I have caught pickerel and black bass on this bait both casting and trolling. The last time I was out with this rod last fall I started out with a Coaxer bait and cast for about an hour without a strike. Then I changed to the bait just described and in the next fifteen or twenty minutes had landed three big mouth beauties.

W. E. C.

[Your query as to the failure of pike to prosper in Cedar Lake has certainly got us stumped. The writer knows Big Cedar quite well and can see no reason why the wall-eyes should not thrive in it. It may be, however, that the plant has succeeded, although you have no evidence of the fact. These fish are somewhat mysterious in their habits and they may have taken up their abode in some part of the lake not usually fished by members of your club.

Another thing is that the smaller wall eyes so closely resemble their cousins the perches, that many anglers of an unobservant nature do not know when they have caught one. I can in this connection quote a personal experience.



THE HOUSEBOAT THAT LODGES ONE FISHING CLUB.

Once last summer while out at Golden Lake in Waukesha County, the talk turned to wall-eyed pike. The keeper of the resort averred that although many plantings of this species had been made in the lake, none of them had been caught or brought to his place, at least. I happened to be sitting where I could watch the chickens pick at some fish that had been thrown to them as the result of the cleaning of a mess of perch. Just then one of the chickens picked up a fish-head and dropped it again nearly at my feet. I was looking at it idly when suddenly I saw that it was the head of a small wall-eyed pike as shown distinctly by the teeth. Picking it up I handed it to the resort keeper saying that here at least was one wall-eye that had come from the lake. He was dumb-founded and on looking over the rest of the scraps, we discovered several more pike heads.

Your pork rind bait sounds like a mighty good thing. The writer himself is an artificial bait crank, but you will usually find a bit of pork rind stored away in his tackle box for an emergency. Glad to know that you like the Heddon rod. We are still giving these rods away and will be pleased to supply you with another when your subscription expires.

H. N. K.]

#### THAT GLASS TUBE BAIT

EDITOR ANGLING DEPARTMENT: I have noticed the advertisement of a bait which consists of a glass tube in which a live min-

now is to be placed. It looks good to me, but I would like to have your opinion on it. Do you think it is a good bass bait? Also is there not a likelihood of the glass breaking?

C. M. J.

[I have not yet had an opportunity to use this Detroit Glass Minnow Tube, as it has just been put on the market. However, I have seen a sample and must say it looks practical enough. Personally my principal criticism is the number of hook gangs. I rarely fish with any bait that has more than three gangs, whereas this new bait carries four. However, this will not form any objection in the minds of many people, as long as the bait is otherwise practical. As to breakage—I have inquired on this point of the manufacturers, and they report that the tube is made of a very tough lead glass which will stand a great deal of rough usage. The whole idea is certainly novel enough, and I shall try it out myself this summer, with a great deal of interest.

H. N. K.]

#### A BAIT DISCUSSION

EDITOR ANGLING DEPARTMENT: You can partially blame it upon yourself if I am again bothering you with a letter, but the invitation to send you a better description of the waters in which we fish, and your promise that you would send me a page or two of your personal experiences relative to the most effective baits to be used in such waters, was not to be overlooked.

Our ponds in this section vary a great deal in character. Some of them are natural small lakes with rocky bottoms, whilst others are artificial ponds, caused by damming up the end of the valley. As these valleys had originally been thickly wooded, it goes without saying that these ponds are full of stumps, and many is the minnow, yea many the soul which has been lost perhaps on account of same, for with the under-water minnows if you do not pick up your cast the minute it strikes water, down goes the minnow and ten to one it is tangled in a submerged branch or stump of some kind. There is no such thing as wading out to it on account of the muddy bottom. None of the rocky lakes are of great size. The water is fairly clear, and the shore line has very few if any, overhanging rocks, on any of the ponds. The other ponds mentioned are of the species of weedy beds, etc., and the bottom is very muddy, the shore line as a rule sloping gently into the water with hardly a bit of shade. The principal fish, of course, are pickerel or bass, as we are not lucky enough to have any salmon, pike or "mus-kies" in this section.

I am at present experimenting with several original baits, which I am making myself, and if any of them prove successful, will be pleased to let you know about them. I am, however, finding some trouble in getting an enamel that will stand after it is used in water as much as one of these baits naturally would be. There must be some dark secret to the enamel used by the Jamison or Heddon people, for it is certainly dandy.

I have read in the December issue, on page 613, a letter signed "Another Wolverine", in which you speak of a water-proofing formula. I very much desire to procure a formula for water-proofing. The water-proofing I am to do, however, is not on a tent or anything of that sort, but I wish to water-proof a pair of waders, which I had made from a very closely woven 8 ounce duck or sail cloth. Do you think that the sugar of lead and alum process would waterproof a pair of waders enough so that the water would not come through at all, and do you think they would still be pliable enough to roll up easily without breaking or cracking. If you can set me right on this, I will very much appreciate it.

R. N. B.

[In rocky bottom lakes it is usually a matter of 'finding out what they want.' It has always seemed to me however, that a pearl spinner does its best work over cobblestone bottoms. You know the type I mean—small rocks and boulders covered with short moss and laid evenly like a pavement in from two to ten feet of water.

In lakes filled with stumps it is a ten to one shot that I will start out with one of the surface baits like Wilson's or Lockhardt's, that sinks slightly and then only while in motion. If a bass is lying next to a stump and the stump projects from the water, you may bet Mr. Bass is watching for the bug that is going to light on the stump and fall off. Therefore the surface lure. Frequently the Coaxer or Heddon's Expert, or some one of the many other strictly surface plugs gives excellent results in such places. If the surface or semi-surface baits *will* not get the strikes then you have *real* trouble ahead no matter what type of underwater you use. However Heddon's new Double Dummy minnow with its novel hook arrangement has the faculty of eluding snags about as well as any other. Jamison's Underwater Coaxer is good and the South Bend people have recently put on the market a weighted weedless bucktail casting spoon that possesses exceptional casting qualities.

Where water is very muddy or there are thick weeds coming close but not quite up to the surface, I have a great leaning toward the old aluminum surface bait built on the plan of the Decker plug. It is a terrific line twister (something which the Decker bait is not), but it seems to get the strikes for me. Although maybe that is merely sentiment. I caught my first bass casting one of these baits, and have therefore carried one with me through all these years.

By the way, when fishing strictly for bass—as I am greatly inclined to do—I usually remove the tail hooks from all of my baits. Seem to hook just as many strikes and it will surprise you to find how greatly it lessens the chances of snagging.

The making of bait enamels is a secret, and one that the manufacturers guard most jealously. Don't know as I blame them either for practically each one has had to work out his own formulas and methods by costly experimentation. Most of them now seem to use some kind of a celluloid enamel which is always difficult to apply and work with under amateur conditions.

Regarding your last question, would say that the lead and alum process will scarcely do for your purpose. Suggest that you write to the Price Fire & Waterproofing Co., Poughkeepsie, N. Y., for a description of their "Perfectite" waterproofing. It ought to do the business.

H. N. K.]

#### CHILDREN OF THE OPEN

EDITOR ANGLING DEPARTMENT: I am sending you a picture of my kids, than whom there are no better sports in captivity. The three in the foreground bear my brand.



CAUGHT IT HIMSELF

The little girl is just out of the lake and the young lad holding the fish has just caught it on a tackle which he rigged entirely alone. He is five years old. The pike weighed twelve pounds. I had the honor of rowing the boat and of lifting the fish into it by the gills, not without some damage to my fingers. These youngsters are true children of the open. They like nothing better than the out-of-doors and are surely laying the foundation for rugged health and at the same time acquiring a fund of very useful knowledge of woods and water.

F. H. A.

#### PICKEREL THAT WON'T TAKE HOLD

EDITOR ANGLING DEPARTMENT: I am writing you in the hopes that you might throw some light on a question that is old as the hills, with us ie. Why can we not catch pickerel with a hook in the Lower Lake (Albert Lea Lake, Minn.)

This lake has pickerel and plenty of them, but for some reason or other they *will not bite*, with the exception of a very few are lured to the hook when fishing through holes in the ice in the winter time. This body of water is about 12 miles in length and would average perhaps one mile wide. The water as a rule is from two to six feet deep, varying at different places. At a few places a nice sand bottom is found but mainly the bottom is of soft mud which produces a heavy growth of bullrushes, lilly pads and in places a very dense growth of a sort of wiry grass that is very hard to row through. Two years ago the writer took a veteran troller, that was positively going to show us the stunt of getting those sly fellows, out for a whole day. We remember well how he operated with every instrument in the chest, but we came home late less lunch, bait and pickerel—not even a strike or sign the whole day. Last fall we went out several times and one time in particular with an old fisherman. He too tried every troll and bait he could think of, and when we quit he said the situation was certainly a puzzler to him.

Do not know that I have made myself very clear, but hope you can suggest some lure for those conditions or tell us why they will not be caught. Feed is plentiful and there seems to always be an abundance of minnows. Can the reason possibly lie in the fact that feed is too abundant?

H. K.

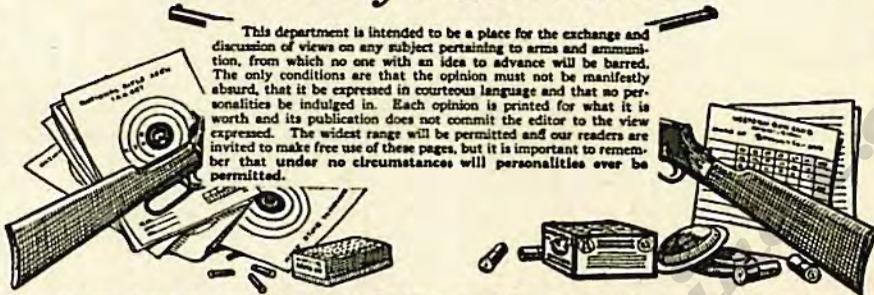
[It certainly would appear remarkable that the pickerel in your lake will not bite during the summer season. We presume that you have tried them out both casting and trolling with all the standard baits and spoons as well as the pork-rind. We really never heard of pickerel absolutely refusing everything. There are some days, of course, when the fish refuse to bite, but ordinarily, the pickerel is a mighty accommodating fish.

Have you ever tried the plan of attaching a live frog or minnow to a hook and placing a float just far enough above so that the bait will just clear the top of the weeds? Then let out a long line and move the boat very slowly. In reality you should move the boat only a few feet at a time and bring it to a halt frequently, so that the bait may stop moving and swim around. The sinker used should only be heavy enough to barely carry the bait down. Some days this system works when everything else fails and it may be the solution of things in your lake.—H. N. K.]



# Guns and Ammunition

Edited by *Robt. A. Kane*



This department is intended to be a place for the exchange and discussion of views on any subject pertaining to arms and ammunition, from which no one with an idea to advance will be barred. The only conditions are that the opinion must not be manifestly absurd, that it be expressed in courteous language and that no personalities be indulged in. Each opinion is printed for what it is worth and its publication does not commit the editor to the view expressed. The widest range will be permitted and our readers are invited to make free use of these pages, but it is important to remember that under no circumstances will personalities ever be permitted.

## The Winchester-Niedner .25 Caliber High Power Rifle

By N. H. ROBERTS

AS I am constantly receiving letters from riflemen all over this country—and occasionally from Canada—all asking practically the same question, I have decided to write this article for Outer's Book and answer these questions as fully as I am able. Then when a letter comes asking the same old question, I can answer it by stating: Send 15 cents for the May issue of the Outer's Book and you will have the best answer that I can give you.

The main questions asked in these letters are: 1. Are you still using the Niedner .25 caliber high power rifle, and does the rifle continue to prove as meritorious as your published articles have indicated? 2. Does the rifle metal foul and is it not hard to clean? 3. Will not the barrel wear out quickly, and is the ammunition expensive?

Answering the first part of the first question; I am now entering on my fourth year's use of the Niedner .25 caliber high power rifle, and I can honestly say that the longer I use it the better I like it. My first rifle of this caliber was a Stevens No. 47 special, re-chambered by Mr. Niedner to use the cartridge No. 1 in illustration herewith. This rifle had a No. 2, 30-inch "special

smokeless steel" barrel, cut with a 12-inch twist, pistol grip stock, double set trigger and weighed about 9 pounds. I shot that rifle at target mostly, but also used it for woodchucks, until I had fired it 4500 times, or more, and then sold it to a gentleman who was greatly pleased with it and is still using it, I believe.

This gentleman, Mr. W. B. Swan, of Erie, Pa., after using the rifle several months wrote me and stated: "I have owned many fine rifles, and fine shooting rifles, but this Stevens-Niedner .25 caliber high power is the very finest shooting rifle I have ever owned." That shows what Mr. Swan thinks of this rifle, and I may add that he is an elderly man who has used rifles all his life.

Here someone pops up with the question: "Why did you sell that rifle if it was such a superior shooting gun?" Well, I sold it because I had two rifles of the same caliber, and seven or eight rifles of other calibers besides. My second .25 Caliber H. P. rifle was a Winchester single shot, 28-inch No. 3 nickel steel barrel, shotgun stock, pistol grip, single set trigger, Malcolm best grade achromatic scope 18 inches long, 8 power, using the Winchester micrometer telescope

mounts. As I prefer the Winchester action to the Stevens for a high power cartridge like this, I sold the Stevens-Niedner rifle.

This Winchester-Niedner rifle uses cartridge No. 2 shown herewith. This is the same shell as No. 1, but the bullet is not seated so deep in the shell. The bullet used in cartridge No. 2 is the U. M. C. 86 grain metal cased soft point, but made without the crimp groove that is found in the regular commercial bullet.

I have now used this rifle for more than a year, have shot it more than 3,500 times, at all ranges from 25 yards to 800, and it is now shooting finer than ever before. At 100 yards rest, ten shot groups measuring  $1\frac{1}{2}$  to  $1\frac{3}{4}$  inches are the average, and we have made many groups that measure 1 inch and  $1\frac{1}{4}$  inches at this range. At 200 yards rest, my finest group of ten shots measures just 2.87 inches, measuring from center to center of bullet holes. The last ten scores of 10 shots each that I shot with this rifle at this range in 1913, measure as follows: 4.13, 3.87, 3.87, 3.44, 4.00, 3.50, 3.00, 3.75, 4.25, 3.52 inches, respectively. The average of the 100 shots is 3.733 inches, or practically  $3\frac{3}{4}$  inches.

At 300 yards I have done but little shooting with this rifle as yet, but I intend to test it at this range more thoroughly this season. At this range, shooting in the prone position, resting the rifle on a sand bag at the end of the forearm, my score book shows my best score to be 17 consecutive bulls on the regular military target with 8-inch bull. I ran out of cartridges after making the 17 straight 5's, else I might have made a longer string. I find that I have records of but six other scores at this range, which are as follows: 46, 48, 50, 50, 49, 50. The scores of 46 and 48 were shot in cold weather, with snow on the ground, a strong changeable wind blowing, and the bullets that were out of the bull were caused by not watching the wind sharp enough. Given good weather conditions, this rifle will keep its bullets in the 8-inch bull for as long a series of shots as may be desired, and will give an average of about 6-inch groups.

At 500 yards I have shot many scores with this rifle and my long runs of bulls at this range are 14, 17 and 24 consecutive 5's, all shot in the prone position with sand bag rest. The rifle is not fitted with sling strap, but if it was so fitted I am confident that it could be shot just as well by using the sling strap as the military shooter does. But as the rifle weighs over 9 pounds and has no sling strap, I use the sand bag rest for testing at all ranges. My score book also shows five perfect 10-shot scores at this range,

besides many of 49, 48, and 47 made during the season of 1913. One group of 10 shots at this range was shot on the German ring target center with 12-inch black, and shows the 10 bullets in a  $10\frac{3}{4}$ -inch ring measuring from center to center of the bullet holes. This is the only group at this range that I have kept, but from the other targets made at various times I feel confident that with good weather conditions this caliber will keep its shots in a 12-inch ring for 20 shots or more, and many groups even smaller might be made by an expert.

At 600 yards I have shot but three scores of which I have a record, and these scores are as follows: 47, 49, 50. After making the score of 50, I made two more bulls, making it 12 straight. I then made two 4's and one 5 to finish the fifteen shots, giving a total of 73 out of 75. That was the last score shot at this range with this rifle in 1913. Our 600 yards range was not ready to use until late in the season and I had but little chance to test the 25 H. P. at this range on account of the range being in use by the members who were trying to qualify as sharpshooter. I believe this rifle will keep its bullets in a 16-inch ring at this range for a long series of shots.

At 800 yards I have shot this rifle less than 100 times, but my score book shows the following scores: 48, 49, 50, 50. My last score started with two 4's, then came 13 straight 5's in the 15 shots. There is no doubt in my mind that this rifle will keep in the standard size bull at this range, under good weather conditions, for a good long string of 5's.

I have not had a chance to test this rifle at 1000 yards range; therefore, I can not say what it will do at this distance. I intend to find out about that during the coming season.

I think that the scores herewith, at ranges from 100 to 800 yards inclusive, answer the second part of the first question very completely, and show that the rifle has greater merit than I at first stated, or believed. Moreover, if I were obliged to confine myself to one caliber, or rifle, for general purposes here in New England, I would surely select the Winchester-Niedner .25 caliber high power rifle instead of any other caliber that I have yet used.

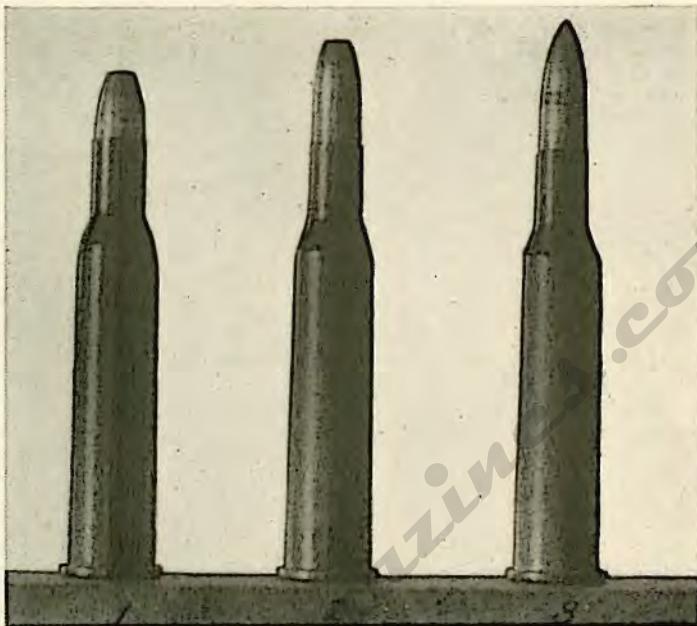
I like this caliber so well that I am about to order another barrel cut with an 8-inch twist, so that I may try out the 101 grain pointed bullet and the 117 grain U. M. C. bullet. The rifle that I am now using is cut with the regular 14-inch twist and will not keep the 117 grain bullet point on. The new barrel with 8-inch twist may not prove as accurate

as the 12 or 14-inch twist, but I shall never be content until I try the quicker twist.

Answering the second question; the rifle *does not* metal foul as does the New Springfield and Krag. After shooting the rifle 200 shots, on a hot day in August, no metal fouling can be seen in the grooves or on the lands, and the accuracy of the last shot is positively just as good as the first shot. There is some copper fouling in the bore, as is shown by cleaning with the "dope" that the military men use for the New Springfield. However, it is not necessary to clean this rifle by the "dope" method. My method of cleaning is as follows: A small saucer is partly filled with "C. C. Parson's Household Ammonia," about six pieces of

outing flannel, cut about 1½ inches square, are placed in the ammonia, a piece of the cloth is taken out of the ammonia and the barrel swabbed with it. The first two or three cloths will show a blue color, but the six cleaning patches almost invariably remove all traces of color and the last patch comes out clean and white. Then wipe the bore thoroughly with dry cloth until the bore is perfectly dry—don't forget to clean out the chamber with dry patches. Next grease the bore thoroughly with Winchester Gun Grease, and you may set the rifle away for one week or one year without any further attention and it will surely come out all right at the end of that time. No, the rifle *does not* clean hard; I would rather clean it than any other caliber that I have—and I have .22, .25, .28, 32-40, .32 W. S., .30-40, 30-45 and .45-70 calibers to clean.

Answering question No. 3; the barrel of the Niedner .25 caliber high power rifle *does not* wear out quickly. As before stated, I shot my first barrel of this caliber fully 4500 times before I sold it, and Mr. Swan stated that it shot very fine when he got it. As far as I could see that barrel was good for 4500 more shots, or more, when I sold it. My present Winchester-Niedner barrel has thus far spit out fully 3500 bullets and is now shooting finer than ever. Mr. Niedner shot one Winchester barrel 7000 times and it was then shooting so very fine that Dr.



SOME NIEDNER 25 CAL. SHELLS, EXACT SIZE

Baker then bought it. Now, you can bet that Dr. Baker knows a fine shooting rifle when he sees it, and he would not have bought that barrel from Mr. Niedner unless the barrel would "deliver the goods" at the target as far as accuracy was concerned. My friend, Mr. F. J. Sage, who spends the months of July and August with me each year, has a Winchester-Niedner .25 H. P. rifle that he intends to shoot until the barrel is worn out, or shot out, as the New Springfield does in about 3500 shots. We are keeping close account of the number of shots fired in this rifle and when it goes to the bad we shall know just how many shots were required to put it out of business as far as accuracy is concerned. This rifle has now been shot a greater number of times than is generally required to put a New Springfield on the retired list, and is still shooting very fine.

Answering the last part of the third question: The ammunition for the Niedner .25 caliber high power rifle is not expensive as compared with the cost of most of our modern ammunition. Of course, the rifleman must load this ammunition for himself, or hire it loaded by Mr. Niedner, or some other expert, as it is not made by any ammunition factory. The U. M. C. 86 grain metal cased soft point bullets, used in this cartridge, cost from \$3.75 to \$3.90 per M. including express on same from the factory. The F. A. primer costs, to members of civilian rifle

clubs, about 90 cents per M., and the Winchester or the U. M. C. primers about \$1.75 per M. Mr. Niedner has found by experiments that the No. 7½ U. M. C. primer is the best for this cartridge. Lightning Smokeless, or 1909 Military Smokeless powder costs about \$1.25 a pound in this part of the country. I prefer the 1909 Military as it works best in my rifle, while Mr. Niedner prefers the Lightning, or did when he was with me last summer.

Using the higher prices above we will see just what the materials will cost to load 1000 of these cartridges. If we use 35 grains 1909 Military Smokeless for a charge we will get just 200 charges from our pound of 7000 grains of powder, and 5 pounds will be needed to load the 1000 cartridges, making a cost of \$6.25 for the powder. Bullets at \$3.90 and primers at \$1.75 per M. gives us a total of \$11.90 as the cost for reloading 1000 of the .25 high power cartridges, or \$1.19 per hundred. Not very expensive, is it?

The above figures do not include the cost of shells. The empty shells cost \$3.00 per hundred if you furnish the Krag .30-40 or any other, shell to be necked down. If Mr. Niedner furnishes the new shells and necks them down, the cost is \$5.00 per hundred. The shells are very durable indeed, as the following shows. With my present rifle I had 125 shells made from the F. A. .30-40 Krag shell, and at the present date, February 1, 1914, I have 107 of these shells that are in perfect condition. Thus we see that in firing, fully 3500 cartridges I have lost by breakage but 18 of the shells. If we figure that 100 of these shells have been in constant use, it will be plain that each shell has been fired and reloaded 350 times thus far. The 107 shells appear to be as good as ever now and apparently able to stand reloading 350 times more. These shells have *never* been resized in any way, and the bullets fit *light* in the shells now.

Now, I suppose that some catalogue expert will arise and call me a liar on account of that last statement. However, that would not prove anything. The mere fact that one has never owned, or used, a rifle that was *properly chambered*, so that the shells *did not* require re-sizing *does not prove that a rifle can not be made in such a way that re-sizing of the shells is never necessary.* The way to prove this is to have Mr. Niedner re-chamber a rifle for you, and then you will see for yourself that re-sizing of shells is a thing of the past.

Some of the critics and mud slingers will say that this is not a practical rifle, because it is not a repeater, and because it is too heavy; Well, it could be made lighter if one so desired.

but no light weight rifle can give as fine accuracy as one of this weight.

The light, tapered barrel rifles are nice to carry, come up nicely for snap shooting and balance better than the heavy barrel, it is true; but when it comes to real *fine shooting* they are simply "not in it," as we soon find when we try the light rifle at the target.

If one desired a .25 caliber high power repeater, Mr. Niedner would build such a rifle, using the Krag, New Springfield, or Mauser action, or most any other action desired if the action was strong enough to handle this cartridge. Any pet idea that the rifle crank might have could be worked out by Mr. Niedner in a manner that would delight the most particular crank, and the rifle could be made with any length barrel, of most any weight, with any kind of sights that might be desired.

I have been accused by some readers of writing these articles principally to secure work for Mr. Niedner. Now, I want to say that any one who has that idea in his head is as far from the truth as the Heavens are from the earth. Mr. Niedner is *rushed* with work all the time; the last time I saw him he was about six months behind on his orders, or had about six months work engaged ahead. Therefore, if any rifle crank wanted a rifle made by Mr. Niedner he would be obliged to wait some weeks, or possibly months, to get the job done. My only object in writing about this rifle and cartridge is a selfish one now; that is to save myself the trouble of writing so many individual letters in regard to these questions as I have in the past six months. Also to let riflemen know that the rifle is proving even better than I first believed, or stated, it would. Since my first article on this rifle appeared in the Outer's Book, Mr. Niedner has made a good number of rifles of this caliber, which have gone all over the United States, some to Canada, some to Australia, and every one who has had this rifle is as enthusiastic over its superior merits as I am.

Some readers have thought that the Niedner .25 caliber high power rifle is fit only for target work, and not at all suited for game shooting. Well, I know positively that the rifle is a very fine *game killer—not game wounder.* This light bullet going at such a very high velocity, does terrible execution when it hits an animal. Many readers and riflemen thought the Savage .22 H. P. would prove too small caliber for anything but target work and squirrels; but the experience of a large number of hunters who have used this caliber on large game—deer, bear, and even moose—proves that the tiny .22 caliber bullet, when fired at that high

velocity, is capable of killing, with a single bullet, any of these animals named.

The .25 caliber high power is capable of even greater development than the .22 high power, and as the .25 H. P. will handle a larger and heavier bullet and uses more powder, it will prove in the end to be far more practical and efficient arm for all kinds of shooting. In fact, if there is such a thing as an "all around rifle," I believe that the Niedner .25 caliber high power will prove to be it.

NOTE—When I wrote the above article, I intentionally omitted stating the velocity and trajectory of the cartridges used. I did this because I do not care to become involved in any argument over the matter, because I do not particularly enjoy being called a liar in regard to this matter (some writers have very strongly insinuated that much since the publication of my last article on this rifle) and not because we do not *know* what the velocity and trajectory is of these cartridges when fired in a *Niedner rifle*. *The same identical cartridge fired in a rifle chambered by some other maker will quite likely not give the velocity that is here reported, neither will it give the accuracy here reported.*

However, after thinking the matter over, I realize that there will be a great many inquiries from riflemen regarding the velocity

and trajectory of the cartridges mentioned in this article. Therefore I have decided to add this note and give the velocity and trajectory for some of the loads.

Cartridge No. 2 and No. 3 can be loaded so as to give from 2700 to 3300 foot seconds muzzle velocity by using from 30 to 37 grains 1909 Military Smokeless powder and the 86 grain bullets illustrated, or the 101 grain pointed bullet which is not illustrated in this article. With 37 grains 1909 Military Smokeless and the pointed bullet the velocity is 3300 foot seconds and the 200 yards trajectory is 1.60 inches. This is the flattest trajectory given by any cartridge and rifle produced in the U. S. today, and I have yet to learn of any foreign rifle and cartridge that can equal it in this respect. The velocity and trajectory for this 37 grain, pointed bullet cartridge was taken by the United States Cartridge Co., at their Lowell, Mass., plant. Therefore, the critics and mudslingers can not say that Dr. Mann's chronograph is not correct, as these velocities were not taken on his instrument.

Remember that in order to obtain the accuracy and velocity here reported, *this cartridge must be used in a rifle that has been chambered by Mr. A. O. Niedner*, as no other man in America today has this matter perfected to such a marked degree as we find in his work.

## The New Savage .250 Hi-Power

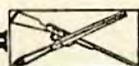
By R. S. SMYLIE, Jr.

WE may shortly look for the latest production of the Savage Arms Company to be placed on the market in the shape of their new .250 caliber.

This rifle will be of the modern ultra high velocity type, and as exhibited at Camp Perry, will be produced in the regular feather-weight model with 22-inch barrel, using a rimless shell of Mr. Newton's design and development, and driving an 87 grain pointed bullet at a muzzle velocity of 3000 foot seconds. This is very much of a "hurry up" bullet, especially when we consider the rifle weighs practically the same as the .22 Hi-Power. It will have a very flat trajectory over ordinary hunting ranges and will exceed in popularity, and killing power, the .22 Hi-Power, and ought to be its superior in accuracy.

In the writer's experience, the .22 Hi-Power cannot always be depended upon to

kill except at comparatively short range. The new .250 caliber will naturally be superior in this respect. Using a heavier bullet than the 87 grain, even though sacrificing some of the speed, would produce a more effective weapon, especially at the longer hunting ranges, as light bullets driven at high speed, fall off in velocity very rapidly. We can scarcely look for this to be done, as the majority of riflemen have gone velocity crazy, and of course it is good business policy for a really live, modern arms manufacturing concern, who are endeavoring to produce some modern arms, and believe that the world has moved since the advent of the .30-30 and .30-40 and their ilk, such as the Savage people have shown themselves to be, to produce an arm for which there is the most demand. The ordinary modern rifleman looks at velocity first and the other features afterward.



## The 150 Grain Spitzer Bullet

By GEORGE C. SHUMACHER

If you will permit me to "sit in the game," I shall try and furnish some information on the Spitzer bullet of 150 grain weight; when used in a .303 Savage rifle.

I am, and have been, using a new Springfield rifle for a number of years. Mostly on such game as coyotes, wolves, deer, two elk, one moose, one mountain sheep and quite a few goats (Lower California). This rifle and the '06 cartridge loaded with the regular 150 grain bullet and 2700 feet velocity has always killed cleanly and promptly. In all cases the bullet seems to have tumbled when striking the animal, and has caused quite fearful destruction of tissue. None of these animals were killed at distances of over 500 yards.

We have out here our usual allowance of jack rabbits, and the results on these animals, when shot with the Springfield, have been surprising; to say the least. I have killed a few hundred of the jacks and in most cases the rabbit was not any worse mangled than would have been the case when shot with the .22 W. special R. F. Up to about 190 yards an explosive effect would be noticed but beyond that distance the bullet wounds were but little lacerated. Entrance and exit holes were about the same size and hardly larger than the caliber. Quite frequently, however, even on these animals the bullets has tumbled or keyholed, as the target shooter calls it, and all that was left of that jack in this case, was a little "Hamburger."

All these experiences have led to the conclusion, that the explosive effect of the bullet is but small and that the damage is done solely by the bullet tumbling or keyholing when passing through the animal. This tumbling is certain if the bullet strikes a bone in all larger animals; is uncertain in all smaller animals, and most likely entirely absent when striking only flesh. This would account for the failure of the New Springfield cartridge on big game when the game was paunch shot. To explain this performance of the bullet, we must remember that the center of gravity is very far to the rear, and when the point of the bullet strikes a hard substance it acts as sort of a lever and throws the base ahead. The above only applies to bullets travelling at about

2700 feet muzzle velocity. For why? Quien sabe!

This may throw some light on the matter. A few years ago, I loaded a number of .303 Savage cartridges with 25 grains of Lightning and the Springfield service bullet 150 grains in weight. I estimated the muzzle velocity at about 2200-2300 feet. It shot splendidly. 3-inch and 4-inch groups were made at 200 yards, but when it came to killing game, there was "nothing doing." The first two or three coyotes that were shot and hit, and hit bad with this load, left the country in an awful hurry, instead of lying down promptly like they used to when hit with the Springfield. Rabbits, when shot with this .303 load, died all right, but little or no laceration of tissue was ever noticed, and in no instance did the bullet from this Savage tumble. The explosive effect was small; over 75 yards, hardly worth speaking of. I shot grouse, ducks and two geese through the body with this load, and they were perfectly fit for table use. The distances were over 150 yards, however, too far for a headshot, even with the three power telescope.

I puzzled quite a while over this performance, and finally reduced the powder charge in the Springfield to give about 2300 feet velocity, and presto, I had the .303 Savage results. This was conclusive to me. It proved that high velocity is required to tumble the bullet, and it is this tumbling of the bullet that makes the New Springfield the best "game getter" we have. Question: Why does the Savage high power bullet kill cleanly and quickly? Does it keyhole, tumble, or just simply fly to pieces like a shrapnel.

I am using the New Springfield as issued, only substituting a Sheard's gold bead front sight. I reload all my full service loads. The Frankfort shell will stand reloading a great number of times. Have tried various short range loads and lead bullets, but with but little success. The bullets will lead the barrel. Furthermore, the star-gauged New Springfields are very closely chambered, and as a lead bullet must be slightly larger than the bore of the barrel, the cartridges will enter very hard, and after firing, the

extractor of the New Springfield has in several instances slid over the rim without extracting, or even loosening, the shell. I have reloaded with the .303 short range Savage metal case bullet, and five to six grains of Bullseye. The results were good. The battle sight would give the correct elevation for about 50 yards and required no windage. To insure prompt ignition of this small charge of Bullseye in the big shell, a bunch of cotton was pushed lightly on the powder to hold it in place over the primer. No hangfire was ever experienced.

I have used the Brayton auxiliary and the .32 Auto cartridge with entire success. This device will seat the bullet practically in the rifling and will shoot into a two-inch circle at 25 yards, sighting over the battle sight, without windage being required.

The New Springfield is easily cleaned, all beliefs to the contrary notwithstanding. To clean, use five to six patches saturated with stronger ammonia, five or six patches to dry the bore, and finally oil well with some good gun oil. I use Three-in-One. A steel cleaning rod must be used with the ammonia. The Winchester rod is made of steel and is the one I use. I use the slotted tip, it is much easier to get the patch into the barrel, than

with the knobbed tip, and with a little care the rod will be in the center of the patch and never touch the barrel. Have never used the metal fouling dope since adopting Mobilubricant. Mobilubricant means a considerable saving in money, time and labor, besides gives longer life to the barrel. Don't know whether it increases the accuracy of the gun or not.

That was quite an article on Sporting Springfields by Mr Xman. However, the price is pretty steep, and while it is perhaps worth while, the Service rifle will take more knocks than the Sporter. I have packed both and after a trip into our Colorado, New Mexico or Sonora mountains, the "regulation" will come out the better of the two. Scratches on the barrel are hard to reblue, on the wood, however, they require only a little linseed oil and elbow grease. Of course, the Sporter fits you, not every Tom, Dick and Harry like the average No. 11 shoe, but my New Springfield comes up and into line quick enough, although the stock is too short, and I don't believe fits anybody. The British government issues stocks of three different length, why not Uncle Sam? Most nations have recognized the advantages of a pistol grip, why not our Ordnance Office.

## The Field Glasses of the Army

By LIEUT. TOWNSEND WHELEN

WE often hear of such and such a field glass being the glass used by the Army, and a great number of glasses are advertised as "Signal Corps" field glasses. It is remarkable that in every case this information has been incorrect. While a limited number of various makes of glasses have been purchased from time to time for trial, only four types have been adopted, used and issued during the past ten years. These were selected and adopted by experienced officers of the Signal Corps after exhaustive trials under service conditions, and are issued by the Signal Corps to all organizations of the Army, and also sold to the officers of the Army and National Guard for their personal use in the military service. Selected under such exacting conditions, a description of them may be of interest to sportsmen who are looking for the very best field glasses. These are the four types, viz.: "Type A, 1910," "Type B," "Type C" and "Type D."

Type A, 1910, is a small glass of the Galilean type having an object lens of  $1\frac{1}{2}$  inches and a length when closed of 4 inches. It weighs complete with case and strap, 20 ounces. It has two powers,  $3\frac{1}{2}$  and  $5\frac{1}{2}$ , a small lens falling into the field to change the power from one to the other when the glasses are turned upside down. The  $3\frac{1}{2}$  power has a field of 110 yards at 1000 yards and the  $5\frac{1}{2}$  power a field of 70 yards at the same distance. These glasses have interpupillary adjustment. Type A issued before 1910 was exactly the same glass but without the interpupillary adjustment. I do not know the commercial name of this glass, or indeed whether it is sold on the market. There is a glass very similar to it called the "Auto-change" on the market which appears essentially the same. This is the glass par-excellence for rough work. You can get soused in the creek, wipe it off with your shirt tail and it is as good as ever. I used one in the Philippines and it stood

the racket every minute. At times it would be absolutely saturated with sweat, then exposed to the powerful sun until the leather covering shrank to almost invisibility. When it got wet I simply unscrewed the simple lenses, wiped them off, and went to work with it. The jungle scratched it up so that none of the original finish was visible but the optical part was as serviceable as ever.

Type B is exactly similar to Type A, except that it is a slightly larger glass. Magnification  $4\frac{1}{2}$  and  $6\frac{1}{2}$ . Fields at 1000 yards 106 yards and 70 yards respectively. Object lens  $1\frac{3}{4}$  inches, length closed  $4\frac{1}{2}$  inches, weight with case and strap 26 ounces. Where a little more powerful glass than Type A is desired, and where the additional six ounces in weight is not objectionable this glass would be chosen in preference. Type A is issued to all companies of Infantry and Cavalry and is also used by many officers of these arms. Type B is issued as a part of the fire control equipment to field artillery.

Type C is the glass known commercially as the "Busch Terlux 10 Power" and can be obtained from most dealers in field glasses. It is the best glass I have ever seen, and is the glass I personally use, although if I were up against rough service in the tropics I would carry either Type A or B, as all prism glasses are very apt to become fogged in a damp tropical climate which necessitates sending them to the maker for cleaning, and also they will not stand getting wet. This Type C is a heavy glass, weighing com-

plete with case 46 ounces, with a closed length of  $7\frac{1}{4}$  inches, but optically it is ahead of any glass I have ever looked through. Its power is 10, but the field is so large and bright that it can be used on horse back without that shakiness which usually makes high powers unsuitable for this work. It is also a first rate night glass. Its field at 1000 yards is 70 yards, and it has interpupillary adjustment.

Type D is the glass Mr. Crossman praises so highly. It is known commercially as the "Busch Stellux 8 Power" and is sold in this country by the F. W. King Optical Co. of Cleveland, Ohio. Considering optical qualities, lightness, and power this glass cannot be excelled. It weighs only  $15\frac{1}{2}$  ounces complete with case, and is so small that it can be carried in the pocket without its weight or bulk being noticed. Notwithstanding its smallness, its power is 8 diameters and field at 1000 yards is the largest of any being 96 yards. Its length closed is  $3\frac{1}{2}$  inches and the object lenses measure 23-32 inches. This is the glass recommended as most suitable for the personal equipment of officers, while Type C is the glass recommended for battery and machine gun company commanders.

A number of other excellent glasses have been tried from time to time, but considering all things, the four types described above have passed the tests most satisfactorily and have been adopted and used for about ten years past exclusively.

## One Way to Get Squirrels

By N. B. SPAFORD

In the Outdoors Book recently, there have been a couple of articles on squirrel shooting. One man says that a .22 caliber is no good; and another that it is all to the velvet, if you use hollow point bullets.

No doubt each one is right, but I am sending you a photo that will show still another way to "shoot" them, and you can keep them a long while afterwards. I mean with the camera.

Now I am not averse to shooting them with a rifle as well, but my favorite is a remodeled Krag, shooting a reduced load made as follows:

The bullet is cast in a Winchester mold made for a .32 S. & W. pistol cartridge, and

the powder is 5 grains by weight, New E. C. Shotgun Smokeless. The bullet weighs 89 grains and I wish it was lighter. Some load that. You might call it "mixed" load.

I never have shot a hollow point bullet in a .22 but have no use for the regular .22 bullet for a squirrel load.

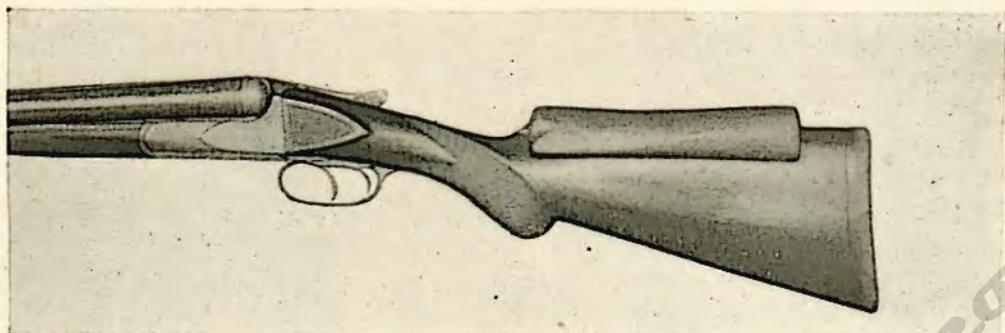
The friend that I hunt squirrels with uses a 70 grain pointed bullet, with 4 grains New E. C. Smokeless, in the .28-30 Stevens shell, and shoots it in a single shot Stevens rifle.

I have never seen quite these loads before, but this is not intended to come in with the Newton-Crossman dope. The letter is just an excuse to send you the picture.



TEST YOUR MARKSMANSHIP

—Courtesy of N. B. Spaford



SIDE VIEW OF CHEEK PIECE

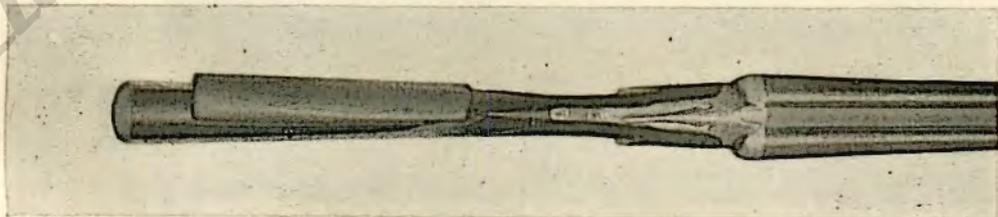
## Making Your Field Gun Conform to Trap Requirements

By RALSTON P. HAUN

I FEEL sure there are a great number of amateur shooters all over the country, whose first experiences at the trap were very much similar to my own, and that we were drawn there through very much the same influences. We did not want to wait until the next hunting season to do some shooting, and being attracted by anything that smacked of gunpowder and its appurtenant fascinations, we very naturally went to the traps. After a series of moderately satisfactory attempts we found that the trap bug had bitten us hard, and there was nothing in line now but to exert every effort to master the knack.

As for myself, after the passing of a season or so and considerable coin in the vain endeavor to break them all—or any hope-inspiring percentage thereof—with a field gun of average proportions, I was forced to the conclusion that my gun, although one of the "Finest in the World," was wholly

unsuitable for trap shooting owing to the shape of the stock. In the first place it had too much drop and the comb was too thin for my face, for in lining up I could not cheek the gun firmly as I learned I should do, and besides the forearm was entirely too long. The shooting qualities of the gun were good; the barrels were of a proper length and bore and delivered a good, even pattern; the weight and balance left little to be desired, so clearly a new stock of the right dimensions was the proper procedure. This would have meant a sojourn of a couple of months with the makers and an expenditure of around twenty dollars. Now, besides wanting to use the gun within a short time, I must confess I am, as yet, one of those individuals in whom the fear of the Income Tax Collector is not very highly developed, and therefore sought some means that would enable me to gracefully sidestep this outlay of time and money, and too,



TOP VIEW OF CHEEK-PIECE

without mutilating the gunstock. The description hereunder will give you my idea of how this could be done, and the accompanying "Kodakures" will show you how I executed the idea.

First of all I wrapped the frame with a piece of flannel and tied it back of the trigger guard to protect the mechanism from the dust, grit, etc., which would be cast off in the ensuing operations. Having a piece of soft, very light wood about ten inches long and two inches square, I planed one corner down nearly flat and a good deal thinner at one end than the other, making it wedge shaped. This wedge was cut to proper length and well hollowed out with a pocket knife and gouge until it loosely fit the top and left side of the comb with the thinner end forward. A large piece of paper was wrapped around the stock to protect it and a piece of fine sandpaper laid business-side-out on the top of comb exactly in position the wood was to come; piece of wood then placed in position and worked back and forth under pressure, using very short strokes, until it fit snugly on the top and left side of comb. The paper was then removed and the wood being held in position by a rubber band around the rear end, the thickness and height of comb was "tried on" and shaped with a small rasp to my exact liking. After this it was finished with fine emery paper and glued onto the stock with vulcanizing cement, being held in place by strong rubber bands for something like twenty-four hours. The wooden plate or shell was then colored with a pinch of lamp-black paste and rubbed and allowed to dry. It was then oiled and rubbed well several times and took on a very good, dull black finish.

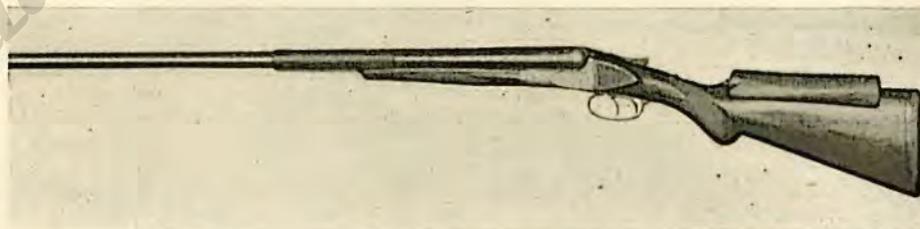
When the gun was ordered the forearm ejector parts on both sets of barrels were ordered extra long, so I now cut about three and a half inches off of the most used forend wood and carefully refinished same, which allowed the hand protector to come back to a natural position. The result is a very respectable looking affair with a Monte

Carlo effect which, all in all, has a feel that fits. Subsequent events have shown that the application of my idea has materially increased my percentage at the trap and I feel sure that by the exercise of average ingenuity in the manner indicated and at very slight expense any man who is limited to one gun for both field and trap work will improve his trap average with the same gun. If it does not prove satisfactory the gun has not been altered or mutilated and the shell can be removed very easily and the gun used in its original form.

In shaping the wooden shell I would advise that your drop be left from one-eighth to one-fourth of an inch straighter than your calculations lead you to believe will suit because it can easily be trimmed down later on if it is found to be too straight; on the other hand, if it is too low the work must be done over again, and besides, it had much better be a little too straight than not straight enough. Also be sure to make the rear end of the plate considerably higher than the front so as to give a checking plane nearly level. This will save the face from considerable punishment when the gun is checked firmly as it invariably should be. This means of straightening the drop to a stock has the advantage of other pads and cushions, in that it may be worked and shaped to suit the individual requirements and peculiarities of each shooter.

Rubber bands, suitable for the purpose described, may be cut from an old automobile tube, and the vulcanizing cement may be obtained at any garage; a teaspoonful or so will be sufficient and it has the advantage over any other glue that it will not give up during damp weather or even from a wetting, and the further advantage that the wooden plate or shell may be removed at any time by the application of a little gasoline or benzine to the cement.

I hope that this description and illustration may help some sportsman to more effectively wield his pet exterminator at the clays this season.



"A VERY RESPECTABLE LOOKING AFFAIR WITH A MONTE CARLO EFFECT"

## Answers to Gunmen

### RECEIVER SIGHT FOR .351 WINCHESTER

EDITOR GUN DEPARTMENT: Kindly advise through the columns of the Outer's Book if the Lyman Receiver Sight for the New Springfield could not be used on the Winchester Automatic No. 351? If not, what sight similar to this one would you recommend.  
A. B. W.

[I know of no Lyman sight of the New Springfield pattern that will fit the .351 Winchester automatic. There is a receiver sight made especially for the .351. The sight referred to is No. 41. It is applied to the left side of the receiver. It can be adjusted for elevation for short distances by rack and pinion or for long distances with lever more quickly. There are other patterns of sight on the older models, that can be placed on the grip. These are adjustable with the knurled sleeve. I would suggest that you write the Lyman people for a copy of their catalogue, then you can readily see the pattern of each sight. One feature of the No. 41 receiver sight is that it leaves the grip of the stock free of all obstructions for the hand. Any stem sight that will bring the peep hole high enough to clear the top of the receiver may be applied to the grip.—R. A. K.]

### THE KRAG CARBINE

EDITOR GUN DEPARTMENT: I have the August, 1911, issue which contains information for purchasing Krag rifles, model of 1898, new. As I want one for hunting mostly I would like to know if the government is also selling the model of 1898 carbine, and if the price is the same as for the rifle. Would also like to know if the carbine is equipped with sling swivels C. W. B.

[I will say for your information, that the rifles and carbines sold by the government at prices of \$5.40 and \$6.40 respectively are of the model 1896.

These arms have been slightly used but when replated and refinished by the government are like new and warrant thorough satisfaction. The government also sells the '98 Krag rifle new for \$10.40. These are brand new in both the rifle and carbine models and are sold on exactly the same conditions as the model 1896 arms, but with the one exception of the difference in the price. There is no sling swivel on the carbine of this make. They are on the rifle, but the shorter arm is not equipped with this appliance. You can however, procure the swivel and apply it to the car-

bine yourself if you so desire. Should you order the swivels they are extra, but the price is not large. I think \$1.00 extra would cover the price of the slings and swivel.  
R. A. K.]

### SHOTGUN EXPERIENCES

EDITOR GUN DEPARTMENT: I wish to thank you very much for the painstaking reply you sent to my inquiry on the 10 gauge gun. There is no hurry about the gun, and perhaps the gun I have will answer every requirement, but if I can get something better I should like to have it. I only weigh 150, am 47 and not over strong at that, and I certainly do not want to burden myself with a heavy gun if I can help it, but I get so little game that I am willing to resort to almost any expedient to help out.

I have looked over my books and old copies of sporting magazines, but can find nothing giving any real information. Theory does not answer with me. I have to have facts. There is an article by C. Askins, in Outer's Book for 1910, but he gives only one point, the longer sighting plane. Nothing in the way of facts on long vs. short barrels.

I have a fine Maynard rifle to which I fitted years ago a barrel 26 inches, bored from an old rifle barrel and chambered for the .64 caliber Maynard shell, the barrel really being 16 gauge. Using the 3¼ dr. black powder and one-ounce shot (No. 8), and taking four yards advantage at the trap, I could average four clay pigeons out of five, but it was not very successful on game.

Last summer I caught the 20 gauge fever; but before buying a gun found a neighbor who had an attic full of guns, among them a 20 gauge Parker, 30-inch barrels and 3-inch chamber, 7½ pounds; made to order, and a beautiful gun. The owner represented it as good as a 12, and perfectly willing to loan it. He had a box with several hundred shells out of which he gave me a quantity. Picking out one himself, he took it down, fastened a large paper on the barn, and going back to the house, 43 or 44 yards, fired at the paper. It was full of shot and a beautiful pattern. I promptly took the pattern and carried it home and counted the shot, 380 in a 32-inch circle.

I was puzzled, this was more shot than the load was supposed to contain and I concluded he had worked me and shot No. 9 instead of No. 8, as the others given me were loaded with. I targeted this gun using the regular load, bought loads with 2¼ dr. Dupont and one ounce shot, loaded the shells myself

and it was still a 20 gauge. With the heavy charge the recoil was very unpleasant. I took it to the trap and while an expert could have made a clean score, it required too close holding for me. I did not consider it effective on game while my 12 of the 7½ pounds with 3¼ dr. powder and 1½-ounce shot gave no more recoil and was far more effective. I then tried an Ithaca 20, but results were same except this gun was too light for heavy charges.

A friend ordered a 20 gauge Ithaca and when it came it was a 16, and he ordered it returned. But I held it up and tried it, and while it was superior to the 20 it was still behind the 12 by quite a ways. Neither the 20 or 16 gave any better penetration than the 12 with relative loads.

I have Parker Bros.'s table of velocities for 12, 16 and 20 gauges, and after analyzing the various loads fail to see where the small bores have any advantage of more than 4 to 6 feet and surely this is not enough to bring any extra game when you can use a size larger shot in a 12 and get more velocity as with the larger shot the friction would be less.

I have restocked a fine Parker with a stock of 3½-inch drop and offset of ¾-inch, and also a Royal three-barrel with a stock of 3½-inch drop and ¾-inch offset with cheek piece. If of enough interest to you, will furnish description and photo. W. R. V.

P. S.—Do not think from the above that I do not think there is a place for the 16 and 20 gauge. They are a delight to carry and for upland shooting and the man who can center his shot, and where game is plenty enough to select shots, they are ideal. There is so much misrepresentation of the 20. A man will send in an article saying he loaded his 12 with 3 dr. powder and 1½-ounce 7½ shot, and it penetrated 44 pages. Then to show the superiority of his 20, says he loaded it with 2½ dr. powder and ¾-ounce No. 6 shot and it went clean through the magazine, and many considering a small bore overlook the size of load and shot entirely.

#### .22 AUTOMATIC FOR SQUIRRELS

EDITOR GUN DEPARTMENT: In your gun and ammunition department for January, 1914, you have published an article on "Squirrel Rifles," by Chas. E. Landis. Mr. Landis certainly has a good idea of squirrel gun, but while there is one man who could afford a gun of his description there are ten men who could not. When you get above the .22 in size your cartridges soon count up into money.

Now if Mr. Landis will test out a .22 automatic, I think he will withdraw his words about a five-pound, twenty-inch barrel gun. I have used a Winchester .22 automatic and have had excellent results in squirrel shooting. As to the "bum" open sights, I consider it hardly sportsmanlike to get far enough away so that the squirrel will not notice you and then use a high power gun and telescope. Give him an equal chance with you. I have never yet found a squirrel so high that I could not get him with a .22 and the open sights are good enough for me. As for the hard trigger pull of the automatic—with the use of a file and fifteen minutes' time that can be remedied. Mr. Landis says that, if a 125-pound man cannot use an eight-pound gun, he is not physically well enough to be in the woods alone. Now I think that any man that cannot hold a five-pound gun steady enough to get a squirrel is in the same condition. Therefore, what is the use of carrying extra weight and spending extra money for cartridges?

I would sure like to hunt a day with Mr. Landis, for I believe I could score as many kills with my automatic with its "bum" open sights as he could with his \$70.00 gun.

For small game I think the .22 automatic made by the Winchester Company, is the best and only gun. I would like to hear what some other hunters consider an ideal squirrel gun.

P. S.—Understand, that I am not saying that Mr. Landis hasn't an ideal gun, but I am merely giving my ideas of a good gun for people who cannot afford a gun equipped as his. I am a constant reader of the Outer's Book and enjoy the ideas in the Gun and Ammunition Department. J. F. N.

#### ACCURACY OF AUTOMATIC PISTOLS

EDITOR GUN DEPARTMENT: Do you ever receive any scores made with the .45 caliber automatic pistol. I never see any in Arms and The Man. Surely there must be some good ones made by the army in testing them. The reason why I ask is I am going to buy a pistol and am undecided which to buy, a .45 Colt or .38 Savage J. J. B.

[In answering will say that I have not received as yet any targets, so I cannot give you this information.

In reference to the .45 Colt pistol will say that the accuracy of this arm, compares favorably with the best makes of the revolver type. I have the government reports of these pistols, together with several other makes of pistols and revolvers of military design. The arm is thoroughly tested for accuracy, otherwise it would

not be placed on the market for civilian use, by the Colt people.

The .38 Savage is a most excellent and symmetrical pocket pistol and will be very satisfactory on account of its symmetry and smooth outline. Its work is faultless for that of a pocket weapon, and it is as good as any placed on the market. R. A. K.]

#### THE WINNER OF THE IMP



Dr. C. M. Ramage, Fairmont, W. Va., Winner of First Prize in Deer Hunting Story Contest.

EDITOR OUTER'S BOOK: The "Imp" arrived last week and is a marvel of beauty and perfection. The common failing of American gun makers—rough work—is entirely absent in this rifle. It is finished as elegantly as a watch. Wife says she is going to sue the Savage Company for alienating my affections. I certainly think I have found my affinity in the gun class.

In reading the story again I find, in spite of the elegance with which you have published it, that it is a mystery how it happened to be accounted a winner. However, I bow to your superior judgement with a heart full of gratitude. Old pal Bill Morgan

swears that it is the finest piece of literature extant—that's the kind of a pal he is!

Very sincerely, C. M. RAMAGE.

#### WILL HOUNDS RUN MOOSE

EDITOR GUN DEPARTMENT: I have been reading the Outer's Book as well as a lot of other sportsmen's magazines, and have seen a lot about hunting and how the dogs run deer, but have never heard of hounds running moose or caribou. I am living at Schreiber's in Canada where dogs are allowed to run game in hunting season, and there are lots of moose here. I have not met any one yet who could tell me if a hound would run a moose. Are you or any of your readers able to tell me if a dog runs moose or does a moose leave a scent for a dog to work on?

H. C. K.

[Like yourself, I have never known whether moose and caribou are hunted or pursued by hounds. This will undoubtedly draw forth answers from experienced hunters who can supply the information.—R. A. K.]

#### THE 7.65 MM. MAUSER AUTOMATIC

EDITOR GUN DEPARTMENT: I would be pleased if you could give us in an early number, the trajectory figures of the new Mauser Automatic carbine, 7.65 mm., as recently advertised, and also give both its strong points and weak points as a hunting arm. Yours truly,

L. B. D.

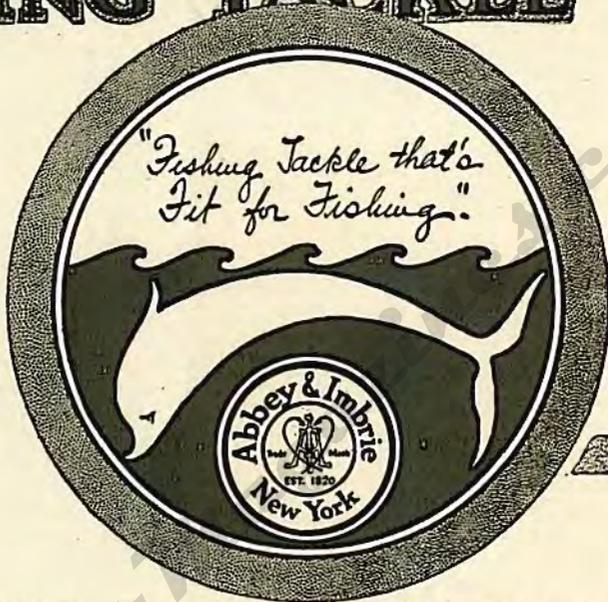
[Referring to your query will say, I presume you mean the .765 mm. automatic Mauser with detachable stock. There are two types of carbine—one which is merely a regular full sized rifle with barrel from 18 to 22 inches in length, and the other the automatic pistol with 11-inch barrel and a detachable stock. The latter type weighs four pounds, has a muzzle velocity of 1600 foot seconds and energy of 470 foot pounds. The short barreled carbine of regular size in any gun has approximately the ballistics of the full sized rifle.

If you are anticipating the purchase of such an arm, I would strongly advise you to select the Luger make, as it is in every way the more reliable and better balanced arm of this type of hand weapon. The ballistics are the same as the Mauser, but the arm is more compact and in every way more desirable. I would be glad to advise you further if you will describe the service for which you wish the arm.—R. A. K.]

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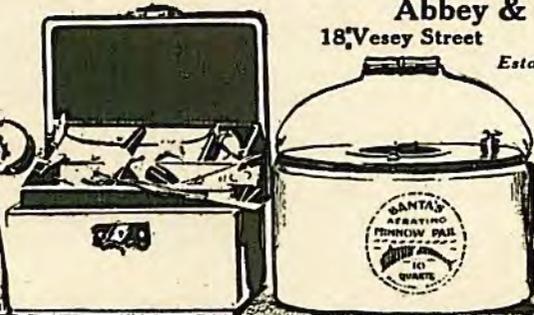
When you set forth upon your fishing trip—whether you fish with fly or bait; on brook or lake or open sea—do you merely take what you happen to find? Or do you ask your dealer for Fishing tackle that's fit for Fishing? Look for the "Sign of the Leaping Dolphin."

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# Outer's Book Readers Rush to Defence of King's Semi-Smokeless Powder

In our issue of August, 1913, appeared an article entitled "A Colt That Gave Up." The article stated that the load of powder which wrecked the arm was about 20 grains of FFFG King's Semi-Smokeless. In our issue of March, 1914, was published a letter signed "E. W. C.", in which the author surmised that the cause of the aforementioned explosion was the powder used. This conclusion being totally at variance with our own surmises, the Editor of the Gun and Ammunition Department appended a note to the manuscript, thanking "E. W. C." for his letter and stating that he would communicate with the King Semi-Smokeless Powder Company, giving the facts as per the article, and ask for their statement which would be published simultaneously with the letter in question. Before being able to communicate with the King Powder Company, the letter inadvertently appeared in our columns, which was manifestly unfair to the manufacturers.

We have already received so many remarkable comments on E. W. C.'s letter in the March issue, that it seems scarcely necessary for us to come to the defence of the powder. But, as it was the Editor's intention, in any event, to publish his own experience with King's Semi-Smokeless powder, we hereby proceed. Our experience with this powder has covered a long period of years. We have used King's Semi-Smokeless in the original cartridges, as loaded by the Peters Cartridge Company, and personally reloaded many hundreds of cartridges for the .32-20 and .44-40 in rifles and revolvers. Have also used it extensively in shotguns. It has always been our custom to load cartridges, when a full load was desired, bulk for bulk with black powder. We have never seen or heard of an accident caused by undue pressures in any arm when this powder was used.

We have received several letters from men who have used the King Semi-Smokeless powder extensively, and who are emphatic in their opinion that the explosion was not due to any fault of the powder. Two letters here appended are satisfying evidence that the powder is safe in any arm, even when the full loads bulk for bulk with black powder are used. The uniformity of this powder is well established by the most careful and painstaking rifle men and pistol shots in the world. Many of the best records with full loads have been made with this powder by famous pistol shooters, and its great popularity with Schuetzen rifle men certainly is the strongest possible evidence as to its regularity.

It is evident then that the wrecking of

the Colt revolver was due to some cause other than erratic action of the powder. The Editor suggests that possibly the explosion was due to an over-sized bullet. In reloading ammunition, more especially where the bullets are hand-made, it sometimes happens that when casting bullets the handles of the molds will not be held closely together. This will make the bullets slightly over-size, but will still allow them to slip easily into the chamber, although not in the barrel. At the instant of explosion the bullet will slug through the barrel, but not before raising the chamber pressure unduly. This might well be the cause of the wrecked arm. It certainly was not, and could not be, caused by the powder with a properly fitting bullet. The letters follow:

\* \* \*

EDITOR GUN DEPARTMENT: In the March number of Outer's Book regarding "A Colt That Gave Up", was surprised to see the statement of E. W. C. that a load of 2½ drams of FFFG King's Semi-Smokeless blew up a high-grade double gun, and that 20 grains blew up a Colt's .45.

That being the case, the manufacturers must have made some change or error in the formula of that particular batch, as I have loaded and shot hundreds of shells loaded with same powder through a 12 gauge model '97 Winchester, and the primers showed that no undue pressure was developed. The load I used was 3½ drams and 1¼ oz. 7½ chilled shot.

In a big rabbit drive over at Nampa, Idaho, about six weeks ago, two parties, who used the Referee shell loaded with the powder under discussion, spoke very highly of it as a clean killing load; and after firing fifty or seventy-five loads the guns were clean and showed no fouling as I looked through them. Have used a great deal of King's "Semi" in the last twenty years in FG and FFG in a .40-65 model '86 Winchester and .32-40 '94 Winchester, and the FFFG in a .32-44 S. W. target revolver chambered for the old S. & W. rifle shell, and found it the most even and cleanest powder I ever shot. There is an "African in the wood pile" somewhere. In a Colt 7½-inch Six .32-20 I had years ago, it used to foul up so I could not use it after a few shots until I commenced using FFG and FFFG. Never had any trouble after that and the primers showed no undue pressure. H. P. P.

\* \* \*

EDITOR GUN DEPARTMENT: Was very glad to notice that the "report" of the exploded Colt .45 attracted some comment.

# EVINRUDE

## When You Take That Fishing Trip

take an "Evinrude" with you. It will fit any rowboat, yours or a rented one, and take you eight miles an hour, dashing up the river or across the lake to your favorite fishing grounds. It weighs about 50 pounds and carries like a satchel. The "Evinrude" is the only motor in the world which can be successfully attached to and detached from a canoe or duck boat. It has many other exclusive features which are not found in any Marine Motor in the world. Among them are the following:

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The Evinrude Magneto is built within the fly-wheel and in that manner is protected from all injury. It has no brushes, bearings or commutators to wear out and is not effected by rain, waves or even complete submersion.

### MAXIM SILENCER

We can now supply special Maxim Silencers for 1913 and 1914 "Evinrudes". The Silencer eliminates practically all noises. No similar motor can use the Maxim Silencer as it is an exclusive "Evinrude" feature.

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The tiller is controlled by a shock absorbing Compensating Device which allows the tiller free range in either direction and permits steering without the exertion or strength, which is necessary with a rudder.

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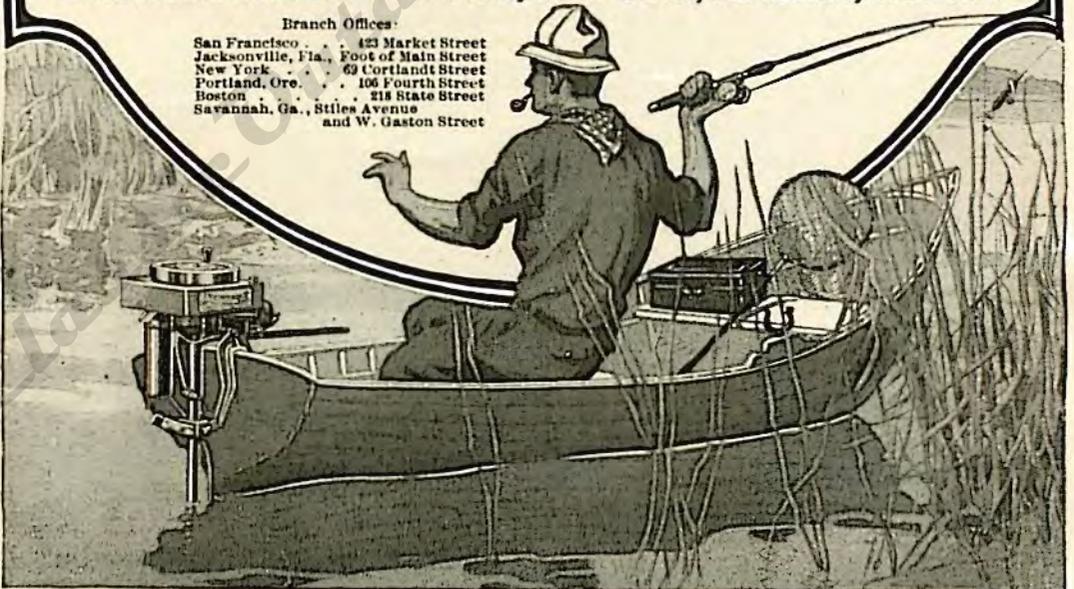
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## W. W. GREENER

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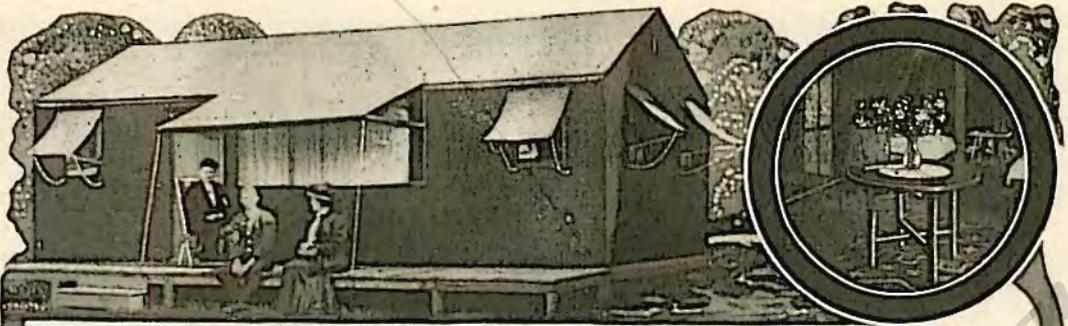
The information which E. W. C. gives as to the qualities of King's Semi-Smokeless FFG powder comes as news, and I will certainly be very glad to hear what the makers of the powder have to say about it.

In this connection, would mention that I have been for some time using this same powder in a .28 caliber Stevens Ideal "range model" rifle. After a considerable amount of trial, a load of 16 grains was determined upon as giving the best results. I have intended for some time to submit a record of the work upon which this determination was based, but for the present will say that it was fixed after using loads up to the full powder capacity of the shells, approximating perhaps 30 grains, (measured weight) and down to about 4 or 5 grains. In view of the present comments on the performance of this powder, it appears that the larger loads were decidedly open to criticism, but the effect of pressure as evidenced by the deformation of soft copper primers was carefully noted in order not to run into dangerous ground. These primers were pretty well flattened with the larger loads, but neither the shells or primers showed

signs of bursting, nor did the action of the rifle fail to operate perfectly. In this connection it might be mentioned that the primers used in the Colt .45 were also of soft copper, and were practically always looked over, so that any abnormal pressures of an extreme nature would have been remarked. Would like to have E. W. C.'s comments as to the use of these loads and this particular brand of powder in the rifle mentioned.

In connection with the criticism of the load used in the Colt, would suggest that the theory advanced as to the cause of failure is based upon an incorrect assumption. Reference to the original article, first column, will locate the following: "Two shots had been fired, the failure occurring at the third." From this it is evident that all three shells could not have exploded at once, a condition upon which E. W. C. bases his criticism and conclusions. Incidentally, the first two shots showed upon the target satisfactorily, and it may be added that three loaded shells remained intact in the undamaged portion of the cylinder.

F. N.



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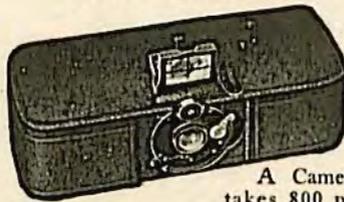
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Casting rod received today. Cannot see how you can give so much value for the money  
A. S.

AKRON, O., April 19, '13

Casting rod received O. K., for which please accept my thanks. Outer's Book has made a very fine offer. It is a good magazine and ought to appeal to the true sportsman.  
B. R. K.

HOWELL, N. Y.

I don't see how Heddon can make a rod like that for the money, and it is a mystery to me how you folks can afford to give them.  
T. E. L.

BROWNSVILLE, ME., April 3, '13

It sure is a corker of a rod. It is mighty nice, when you pay \$1.50 for something you wouldn't be without if it cost five times that sum, to receive in addition a present worth twice the amount.  
J. B. C. D.

**Special**—For 25c we will send you Outer's Book for three months, and you can then take up this \$1.50 offer if you want to



# OUTER'S BOOK HATHAWAY BLDG. MILWAUKEE, WIS.

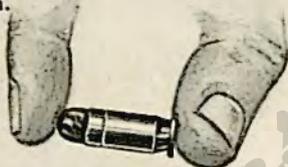
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You are *always* sure of using ammunition of highest quality in a cartridge designed by us *especially* for this gun.

Rimless shells, with *absolutely solid* heads--not folded as in ordinary cartridges.

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The automatic safety cannot be released without *definite intention*. You *have* to think before firing.

Has the world-famous Smith & Wesson *mechanical perfection* and *accuracy*.

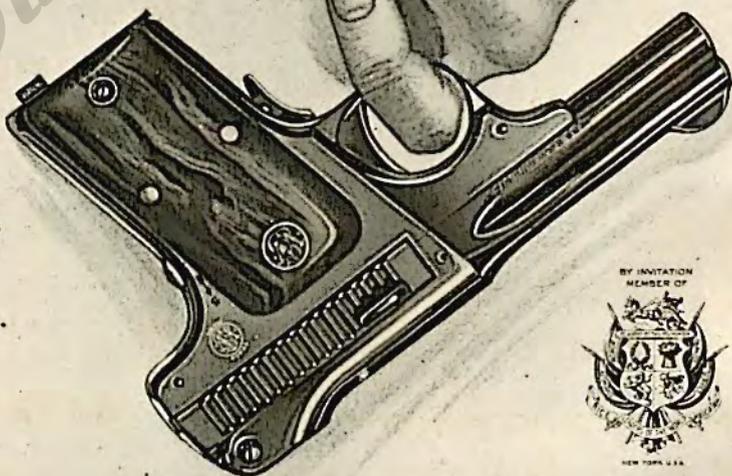
Is the *easiest to clean* and *easiest to load* of all automatics.

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TOP—TWO OF THE COMFORTABLE SLEEPING CABINS. BOTTOM—A GLIMPSE OF THE MAIN LODGE FROM THE LAKE. RIGHT—SHOWING TYPICAL FIRST GROWTH TIMBER

## Would You Like to Join the Club That Will

**I**N the last issue of Outer's Book, we invited such of our readers as might be interested in joining a club for the purpose of purchasing a beautiful hunting and fishing camp in Northern Wisconsin, to write us. Short as the time is between the distribution of one issue and the going to press of the next, we have already received at the time this is written a number of most enthusiastic responses. It is quite evident that enough of our sportsman friends sufficient to ensure the success of just such a plan, have been eagerly awaiting an opportunity like this.

Scarcely a week goes by but what one of our readers writes in and asks as whether we know of some place where a moderate investment would give him the use of a good permanent camp. So it occurred to us that here was a wonderful chance for a number of these good fellows, by clubbing together, to get possession of a fully equipped camp in one of the best hunting and fishing regions in the country.

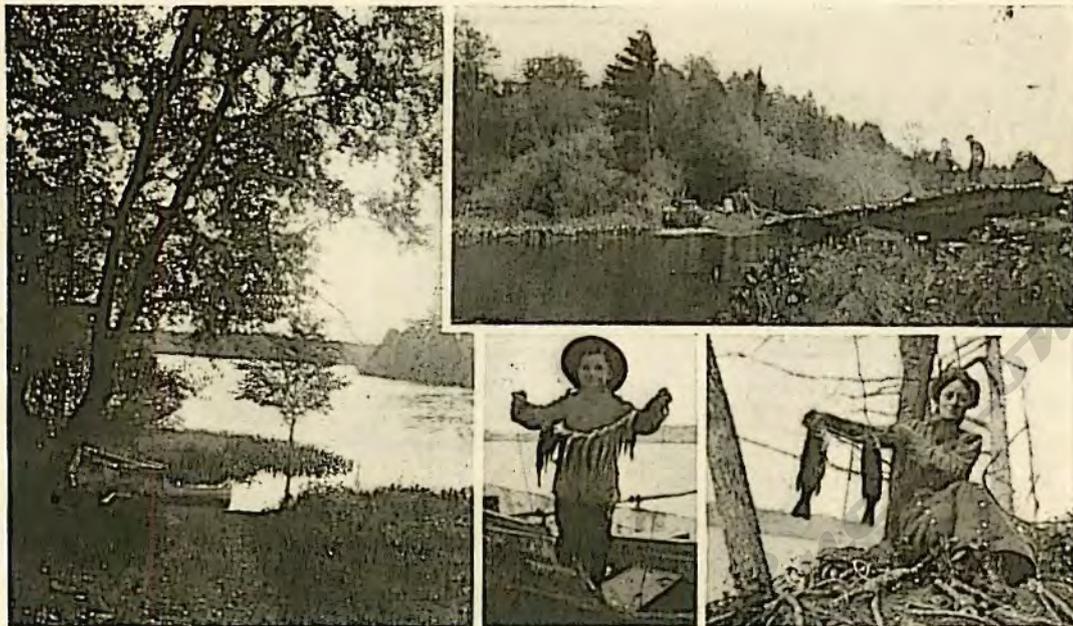
The property so opportunely offered to us, is known as Flambeau Lodge. It is located on the narrow neck of land which separates upper and lower Springstead Lakes in the famous Flambeau Lake Region, Iron County, Wisconsin. There is small need to tell our readers of the reputation these waters have for good fishing. Nowhere in the north is there a better place for bass and muskellunge and an abundance of good trout streams are near at hand. The country is practically virgin, being still covered with a heavy stand of beautiful first growth timber. There are but a scattering handful of settlers in the entire region and the nearest public resort is several miles distant. And this wilderness has been ensured for all perpetuity, because this tract lies within the great, five hundred square mile Forest Reserve of the State of Wisconsin.

A few miles to the east of Flambeau Lodge, and lying between it and the railroad, is the Lac du Flambeau Indian Reservation—another permanent buffer between this ideal recreation spot and the devastating march of civilization.

Partridges are abundant and there are plenty of deer in the surrounding timber. Indeed, this is so perfect a game country, that the herd of elk which the State of Wisconsin is shortly to start will be located very near here. It is about eleven or twelve miles from the camp to Powell, the railroad station on the Chicago & North Western Railway—far enough for privacy and yet not too far for comfort and convenience.

The camp could not be more perfectly arranged for club purposes if it had been built with that express idea in view. All the buildings are made of solid pine and hemlock logs, laid horizontally. The large main buildings house the lounging room, dining rooms, kitchen, etc., while sleeping quarters are scattered through a number of smaller cabins. There are twenty buildings altogether, including cottages, bungalows, main buildings, icehouse, boathouse, granary, storehouse and stable.

The property totals fifty-seven acres, all high, all heavily wooded with first growth timber and all on the lake shores. There is a two-acre garden patch under cultivation, which will supply plenty of fresh vegetables. The equipment is absolutely complete and the place would be ready for instant occupancy if taken over by a club. All buildings are well furnished. There are plenty of beds and bedding, chairs, tables, rugs, good table ware, linen, a complete kitchen outfit, twenty-three good boats—even a library of over three hundred volumes and a Kroeger upright piano. The icehouse is filled and there are about a hundred cords of wood cut and piled. Seventy people can readily be accommodated at one time.



LEFT—A VIEW FROM THE CAMP. TOP—THE BRIDGE OVER THE THOROUGHFARE. CENTER—SPORT FOR THE YOUNGSTERS. RIGHT—A FAIR ANGLER AND A COUPLE OF GOOD BASS

## Buy This Ideal Hunting and Fishing Camp?

The Editor of Outer's Book is now negotiating the plan of purchase, and volunteers to attend to the details of organization, incorporation and even management of the property if necessary, until such time as the club may be prepared to take these details off from his hands.

Realizing what a wonderful opportunity this is for our sportsman friends, Outer's Book pledges itself to do all in its power to carry the organization of this club to a speedy and successful conclusion.

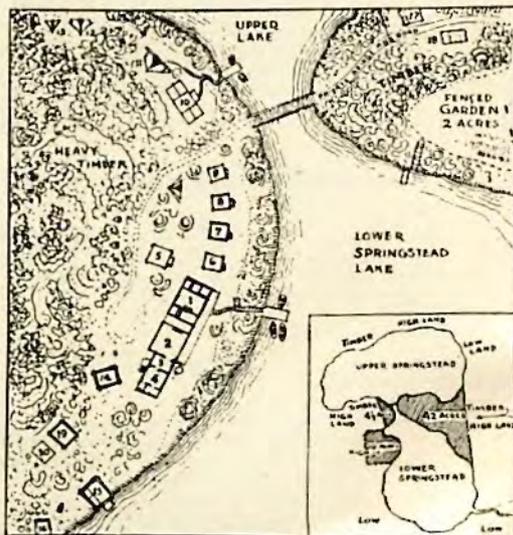
From present indications we believe that the stock will be over-subscribed in a very short time. Those who are interested, are advised to get in touch with us immediately. A full description of the property, together with the completed details of the plan, will be mailed on request.

The appended rough map of the property, with its key, will give some idea of just how ideally this place is built and located for the accommodation of a club such as is planned.

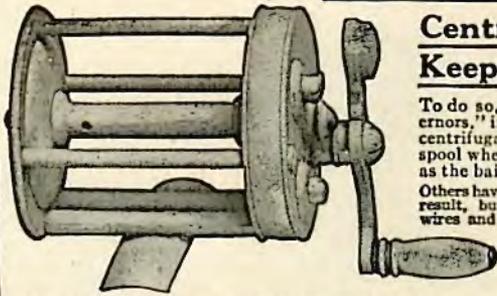
### KEY

- 1—Main Lodge Lounging Room, 5 sleeping rooms adjoining.
- 2—Large Dining room, with two smaller rooms adjoining.
- 3—Summer Dining Room, screened ends.
- 4—Kitchen, with cook's room and pantry.
- 5—Large Cottage, 16x16 inside.
- 6, 7, 8, 9—Cottages, each having one room, 12x14 feet inside.
- 10—Bungalow, 5 rooms.
- 11—3-Compartment Wall-Tent, with board floor. 10x12 feet.
- 12, 13—Army Wall-Tents, heavy duck, 16x20—10x12 feet.
- 14—Ice House, capacity 30 tons.
- 15—Boat House and Laundry, 2 sleeping rooms.
- 16—Small cabin for guides.
- 17—Granary and Carriage House.
- 18—Stable.
- 19—Caretaker's or Guides' Cabin.
- 20—Store House.

There are also three new buildings not shown on the map.



Kindly address all correspondence on this subject to Editor Outer's Book, Hathaway Building, Milwaukee, Wis., and write words "Flambeau Lodge" at lower left hand corner of envelope.



**Centrifugal Force  
Keeps This Reel From Back-Lashing**

To do so, positively, the Redifor Patents provide for centrifugal "governors," in one flange of the spool, which thumb the reel mechanically and centrifugally provide a slight pressure proportionate to the speed of the spool when it revolves faster than the line goes out, and reduced to nothing as the bait slows down; more evenly than any expert's thumb can do it.

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No springs nor wires to get out of order! Nothing to

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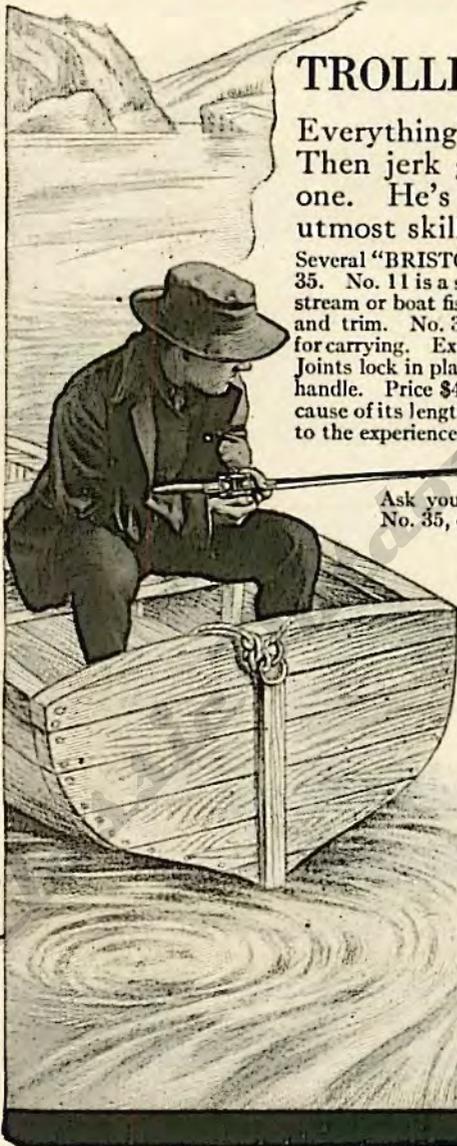
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Only genuine agates used on "BRISTOL" Rods.

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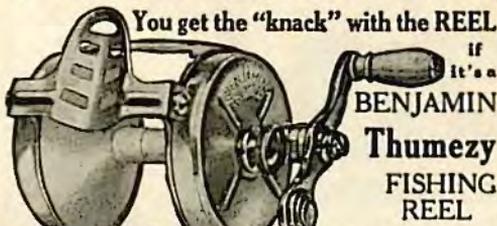
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Thumezy Enthusiasm is inspired by the patented Thumbing Lever—which not only automatically frees the spool from crank and gears, at the instant of casting, but also holds the feed under ABSOLUTE CONTROL.

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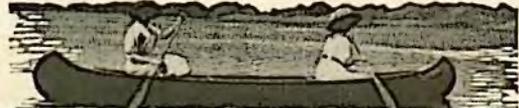
on an antiquated reel—that puts a Gordian knot in your line, and your temper, and sends you back to camp to explain how the big fish "got away." Ask your dealer to show you the "Thumezy"—or write direct for descriptive literature, to

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{to interfere with:}

Power-boats, Bathing, Fishing, Ice-harvesting, or in any water where they are undesirable.

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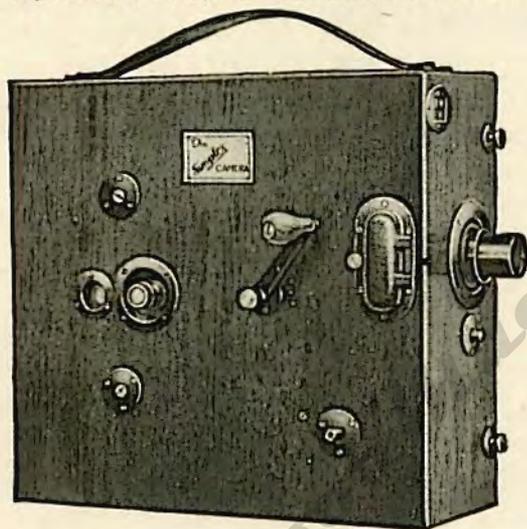
which is world-famous for its accuracy. It is guaranteed and has a jeweled needle—heavy and tempered steel point—silvered metal dial—screw stop and white metal non-tarnishing case. It is the only GUARANTEED JEWELLED compass at its price.

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12 5-8 inches long, 11 3-4 inches high, 5 inches wide, weight 12 lbs. loaded.

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**"ELECTRIC"**  
**SILK LINE**

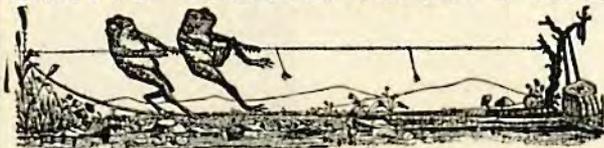
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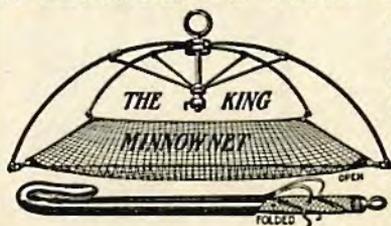
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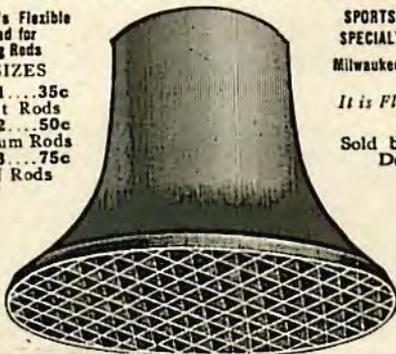
Fits any boat. Ball-bearing Engine. 10 1/4 inch Weedless Propeller. 3-ring Piston, same as in Packard car. Copper Water Jacket, same as in Cadillac car. Kingston Carburetor, same as in highest grade auto and marine engines. Silent Underwater Exhaust, same as in highest priced launches. Steers from any part of the boat. Perfect control from trolling to racing. Sends 18-foot boat 8 to 9 miles per hour. Uses gasoline and oil mixed. No vibrations. No noise. Runs and keeps on running day after day. Guaranteed for life. Money back without argument if not satisfied. Write for free catalog and special 30 day price.



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**\$37.50**

with Automatic Ejector \$45.  
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**12-16-20 Gauge**

**YOU** can have explicit confidence in this gun. Every time you throw it to your shoulder you *know* it will put the charge just where your eye and hand directs it.

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It is wonderfully simple and strong—three parts only in the entire lock. The main top lever and ejector springs are all unbreakable coil springs. Perfect balance—an essential for accurate shooting. Workmanship and finish the highest possible product of the gunmaker's art. With an action as quick as thought—the Fox is the "finest gun in the world"—guaranteed by the makers.

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and sleep out of doors, you want to enjoy the highest degree of comfort and protection.

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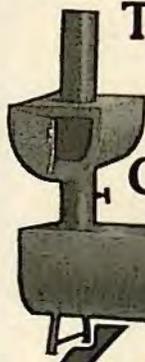
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Before you complete your outing equipment send for Catalogue F of guaranteed PERFECTION MATTRESSES and SLEEPING BAGS. You want the best at a right price. The PERFECTION fills every requirement.

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For compactness in carrying, ease of erection and genuine satisfaction in service there is no stove like the

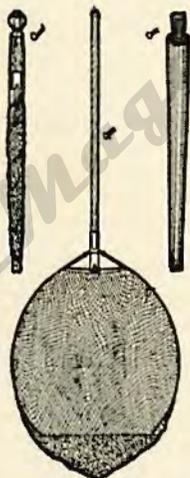
### Klondike Kamp Kooker

Weights complete only 43½ pounds. Oven, stove pipe and legs rest in body of stove and leave space for a galvanized grub box 12x13x9½ inches. Cylindrical shape provides for economy in heat and gives extra strength. Takes 28-inch wood and will hold fire all night. Oven takes 10x14 pan. A perfect cooker, heater and baker.

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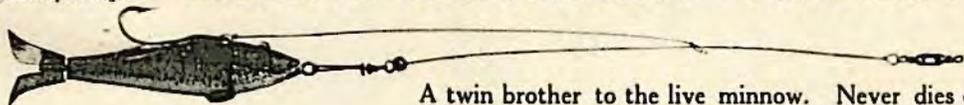
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Pat. July 29, 1913.  
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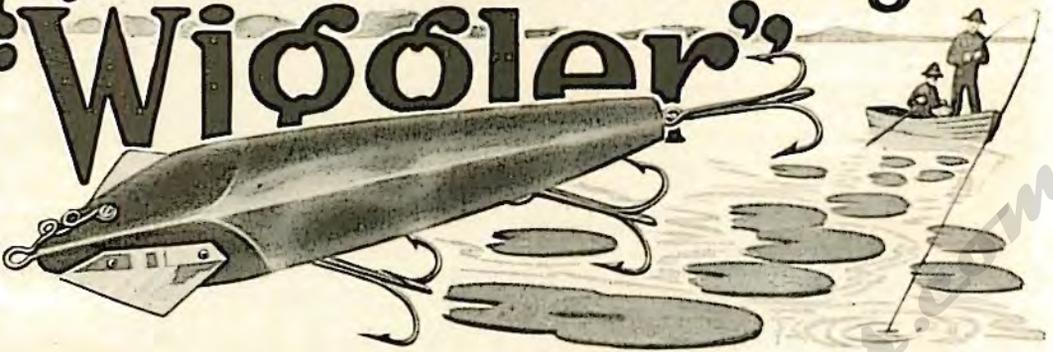


A twin brother to the live minnow. Never dies or tires. Always lively and active. The tail propeller operates the pectoral fins in a natural manner, giving a perfect movement to the bait. The double hooks release and swing free on the striking of the fish, saving the bait from injury. Perfectly colored and proportioned, gets the big wary ones you're after. Makes 100 per cent catches. You'll find it the treasure of your tackle box.

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**F**LOATS when at rest—swims, dives darts and zig-zags like a wounded minnow, when reeled in. Depth and amount of "wobble" regulated by three points of attachments for line. Can run very deep, still retaining pronounced wobbling motion, impossible with other diving baits. Peculiar movements and attractive coloring irresistible to game fish. Non-tangling hooks; can't twist line. Uncrackable enamel finish; white with green and yellow spots or three other attractive color schemes.

*Prepaid*  
75c.

If you want the real fun out of bait-casting, go to your dealer's and get better acquainted with the splendid

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Heddon Dowagiac's are the acknowledged standard in Artificial Lures—wonderful in attractiveness and perfect in manufacture. Exactly right in weight and buoyancy; Heddon patent hook-fastening, insures deadliest presentation of hooks. Dozens of shapes, sizes and color effects, scientifically tested and proved to be the most attractive and enticing lures for their particular purposes. Comfortable to fish with, best balanced, and finished in our exclusive porcelain enamel, positively guaranteed not to check, flake, peel, crack or wear off in use.

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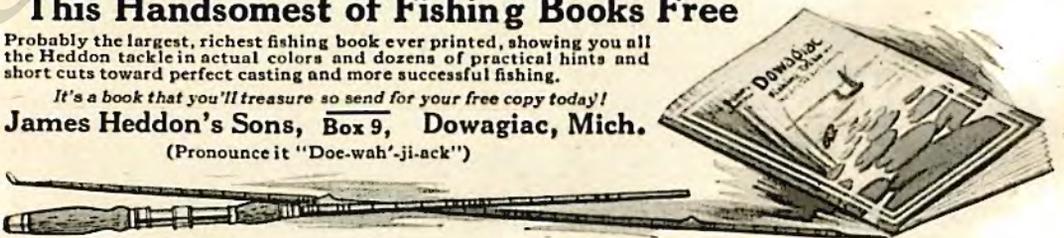
### This Handsomest of Fishing Books Free

Probably the largest, richest fishing book ever printed, showing you all the Heddon tackle in actual colors and dozens of practical hints and short cuts toward perfect casting and more successful fishing.

*It's a book that you'll treasure so send for your free copy today!*

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(Pronounce it "Doe-wah'-ji-ack")

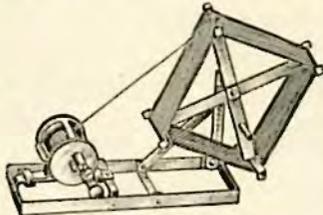


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NEW BRITAIN, CONN.



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MORE POWER  
GREATER SPEED

The only two cylinder detachable rowboat motor—beats anything on the market. A real engine. Powerful, fast—quiet and smooth running, vibrationless. Starts on the first "kick" and reverses easily.



## KOBAN ROWBOAT MOTOR

3 H.P.

Overcomes vibration, the biggest objection to rowboat motoring. All revolving and reciprocating parts perfectly balanced. Fits any rowboat—can be steered with engine shut off. Weedless rudder and propeller. Costs less per horse power. If you are going to buy a rowboat motor this is your best bet. Full particulars on request. Agents wanted.

Doesn't shake the boat. Weedless Rudder.



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3 H.P. \$55  
COMPLETE  
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# Here's A Brand New Savage The .22 Tubular Repeater

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It has all the original Savage .22 caliber features, hammerless trombone action, solid breech, solid top, side ejection, no exposed moving parts, simple takedown device, breech-bolt removable without tools, and spiral main spring—features everyone has imitated, but no one has equalled.

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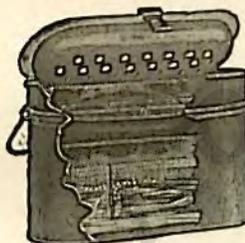
Can't you feel how you could shoot it. How much easier its perfect handling and balance, and its short smooth, snappy action will make any rifle work, fancy or plain, at any object, target or game, moving or at rest. But when you shoot it—when the hits prove and clinch what the feel of the rifle suggests—you'll find it has spoiled you for any other .22. After that, no other is good enough for you.

And it holds a lot of cartridges—20 shorts, 17 longs and 15 long rifles. 24-inch octagon barrel. Weight, 5½ pounds. It only costs \$12.00. Write us about it.

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Makers of the Famous Savage Rifles

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Small tube from air tank supplies constant stream of bubbles from 4 to 6 hours. Will keep minnows alive indefinitely as long as air supply is maintained. Made in two sizes, 8 and 12 quarts.

Delivered free by Parcel Post. Write for catalog and price list.

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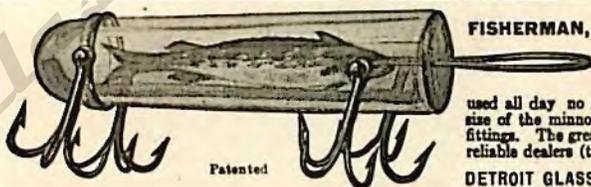


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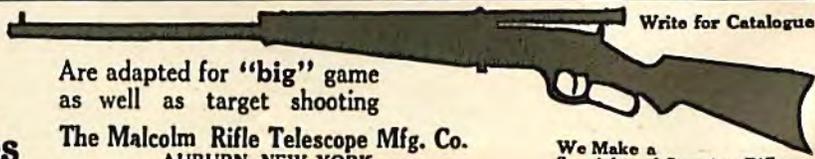
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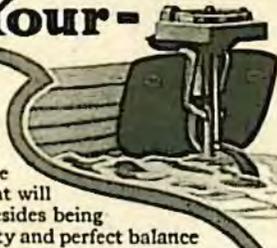
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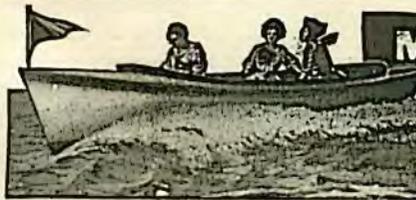
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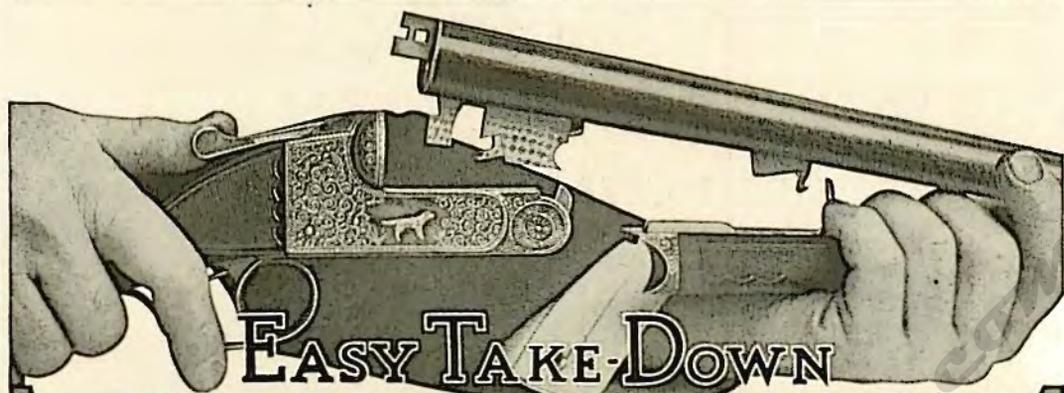
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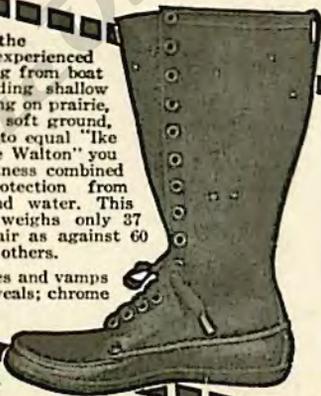
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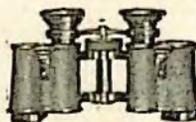
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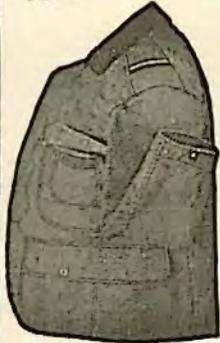
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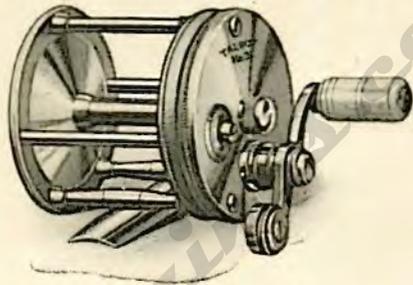
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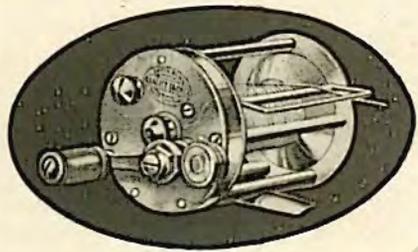
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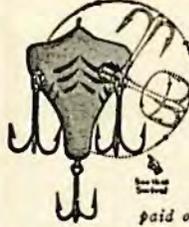
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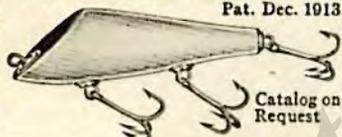
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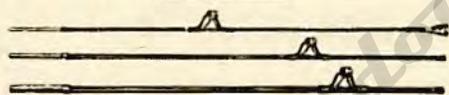
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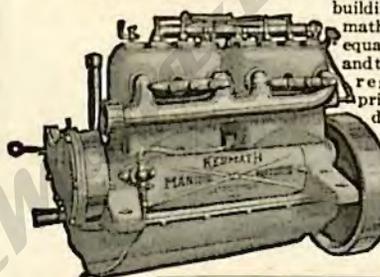


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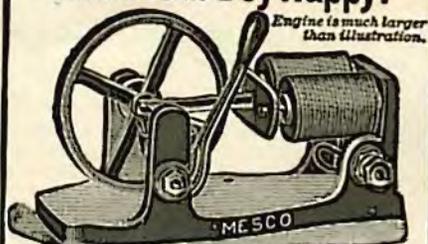
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**S. J. FRANCIS, 157 Washington St., Boston, Mass.**

## Going camping this year? You'll find our 1914 catalogues the best kind of help.

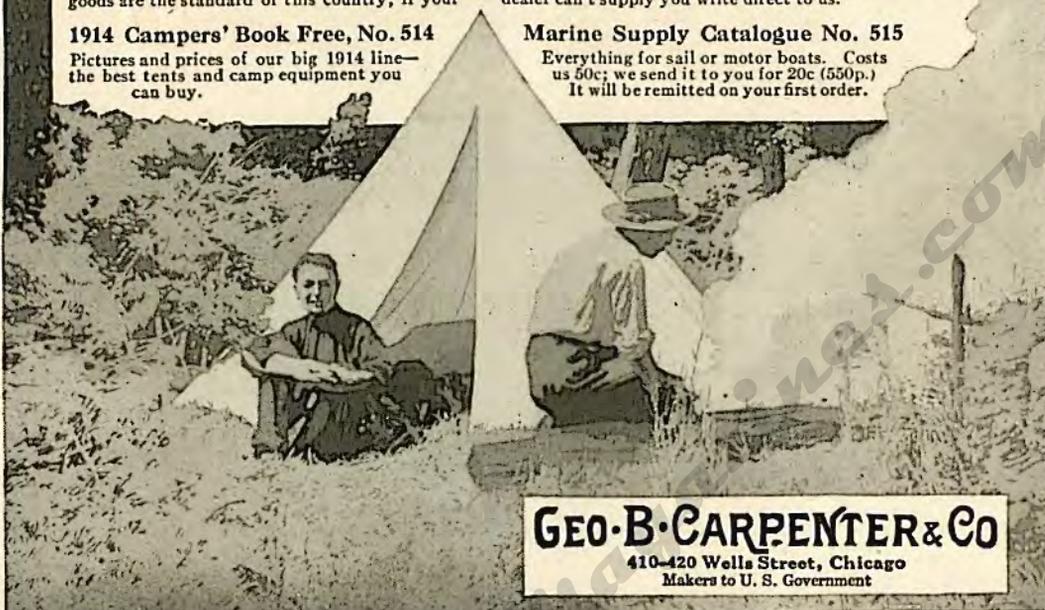
Everything you could possibly need for camping or for sail or motor boat is fully covered. Carpenter goods are the standard of this country; if your dealer can't supply you write direct to us.

### 1914 Campers' Book Free, No. 514

Pictures and prices of our big 1914 line—the best tents and camp equipment you can buy.

### Marine Supply Catalogue No. 515

Everything for sail or motor boats. Costs us 50c; we send it to you for 20c (550p.) It will be remitted on your first order.



## GEO. B. CARPENTER & CO

410-420 Wells Street, Chicago  
Makers to U. S. Government

## For Hunting in Timber Lands



You need a rifle sight that will not be damaged by possible collision with tree, rock or underbrush. A rigid sight is liable to be broken under such conditions. To overcome this difficulty

### MARBLE'S "Flexible" REAR SIGHT

is made with an automatic joint. It yields instead of breaking. If sight is struck, the stiff coiled double-acting spring brings it instantly back to position. Can be locked down if desired. Can be used on rifles with long firing bolt and to better advantage than Receiver Sights on account of being closer to the eye. Lower sleeve prevents elevating sleeve from being turned and holds disc stem true and rigid. Quick point blank adjustment—no tools needed.



Marble's "Flexible" and other sights are sold by dealers all over the world. Price \$3.00. If not at YOUR dealer's, write us. Mention your dealer's name and get a sample of Nitro-Solvent Oil and valuable folder, "The Art of Accurate Shooting," FREE.

MARBLE ARMS & MFG. CO.  
570 Delta Avenue Gladstone, Mich.

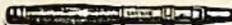
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JUST THINK OF IT

## A Good Fishing Rod \$1.10

Not an ordinary rod by any means—quite the reverse; the product of the famous "Bristol" rod makers and yours for the month of May at the price quoted.

This special offer is just to acquaint anglers with this old reliable tackle house.

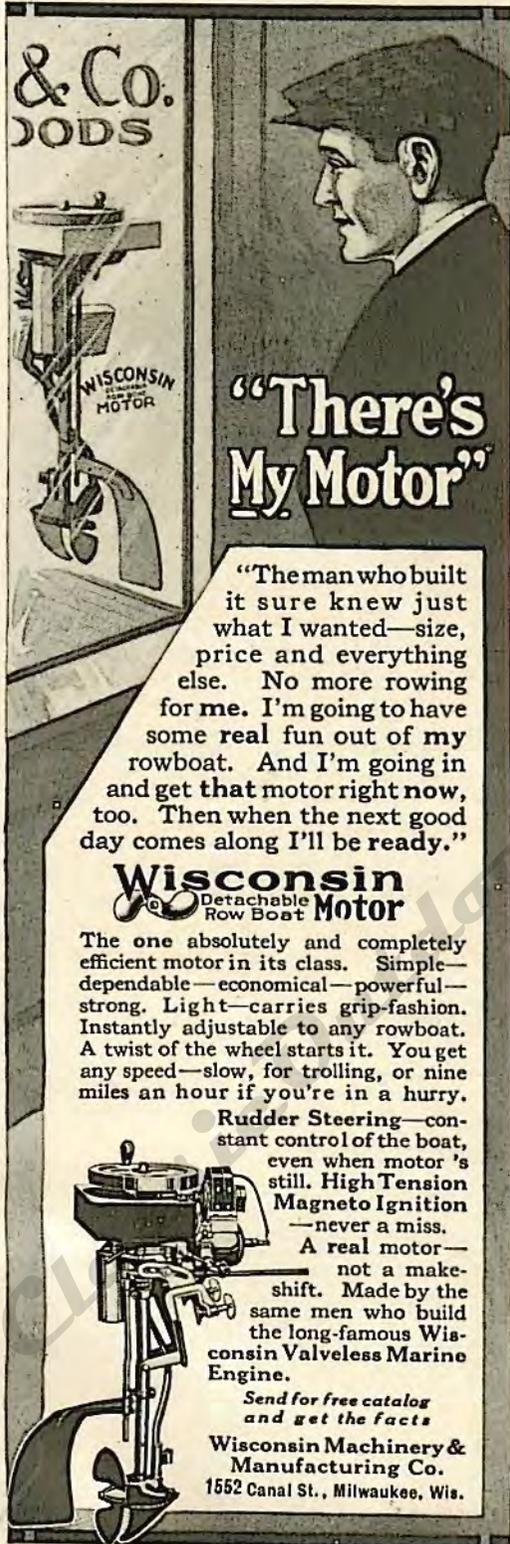


Send us \$1.10 (and 15c. for delivery) and our special steel bait rod 6, 6½, 7, 7½ or 8 ft., or our special fly rod 9 or 10 ft., will be sent to you. Cork handle, independent butt, locking reel band, and full nickel plated mountings. Put up in cloth partitioned bag and guaranteed to satisfy you or your money back.

With orders of one dollar or more we send our 180-page catalog free—or we send it upon receipt of ten cents to cover the postage. The ten cents is allowed on your first order. We deal in the best of tackle only, and at prices that are no higher than you would pay elsewhere for the inferior grades.

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82 and 83 FULTON STREET NEW YORK



**& Co.  
DODS**

**WISCONSIN  
VALVELESS  
MOTOR**

**"There's  
My Motor"**

"The man who built it sure knew just what I wanted—size, price and everything else. No more rowing for me. I'm going to have some real fun out of my rowboat. And I'm going in and get that motor right now, too. Then when the next good day comes along I'll be ready."

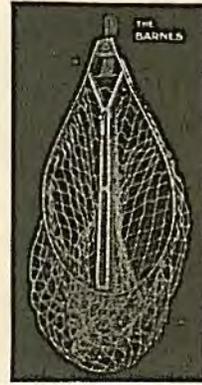
**Wisconsin**  
Detachable  
Row Boat Motor

The one absolutely and completely efficient motor in its class. Simple—dependable—economical—powerful—strong. Light—carries grip-fashion. Instantly adjustable to any rowboat. A twist of the wheel starts it. You get any speed—slow, for trolling, or nine miles an hour if you're in a hurry.

- Rudder Steering—constant control of the boat, even when motor's still. High Tension Magneto Ignition—never a miss.
- A real motor—not a makeshift. Made by the same men who build the long-famous Wisconsin Valveless Marine Engine.

Send for free catalog and get the facts

**Wisconsin Machinery & Manufacturing Co.**  
1552 Canal St., Milwaukee, Wis.



**M**R. ANGLER—Try a "Barnes" Landing Net this spring, its made of aluminum, folds to half length for easy carrying, instantly extended and locked for use. You are sure to like it. If your dealer cannot supply you order one—by Parcel Post—with 21-inch square bottom Cord Net, dark brown, \$2. Same Net, dark green, waterproofed, \$2.25. Extra fancy Cord Net, light brown, waterproofed, \$2.75.

**C. G. YOUNG & CO.**  
Manufacturers  
320 MARKET STREET  
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**"TYEE BRAND" PREPARED**

**SALMON EGGS**

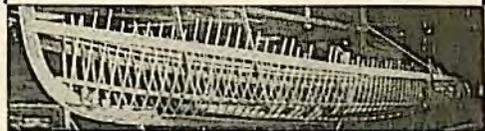
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**The famous Pacific Coast TROUT BAIT**

The most successful trout bait used on the Pacific Coast. Every egg a perfect bait. Send 35 cents for 1 can, or \$1 for 3 cans; postpaid. Ask any sporting goods dealer in Washington, Oregon or Calif. about "Tyee Brand" Salmon Eggs.

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You will be satisfied with a Pope quality K. D. Launch, Hunting or Rowboat. Catalog explains why.

**POPE BOAT CO., Fond du Lac, Wis.**

**\$50 IN GOLD PRIZES**

**Fish Bite**

Like Hungry Wolves, on this Old Fisherman's Lure. Attracts all Kinds of Fish, fills your Nets, Traps or Trot Line. A DIME brings Illust'd Booklet. Tells How, Giving the Treasured Secrets of the Wisest Old Fisherman in this Country.

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**The Booster Bait**

Use with your favorite hook

A Substitute for

**Natural Bait**

Sample Bait by Mail, 15c.

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**J. G. HENZEL**  
1313 S. Fairfield Ave.  
Chicago, Ill.

Pat. Nov 28 '07

Attracts Fish by its Taste, Smell and Color



"See America First"  
**GREAT NORTHERN RAILWAY**  
 Glacier National Park

Test Your Skill and Tackle This Summer

in  
**Glacier National Park**

**T**HE 250 cool, glacial lakes and the eddying, swift running streams of Glacier National Park offer new delights to every modern Ike Walton. Cast for the ever-present, cut-throat mountain trout and weighty Dolly Vardens, and other game fish there this summer.

You can tour the Park on \$1 to \$5 a day—tramping from camp to camp through a region of unsurpassed scenic splendor, fishing when and where you desire, cooking your catch at camp fire and sleeping a "nature-sleep" under the stars. You can, if you desire travel on horseback, by automobile, stage and launch. Glacier Park Hotel offers every modern convenience. American plan \$3 to \$5 a day.

**Definite Expense Tours**

- For your convenience and pleasure the Great Northern Railway has arranged the following special tours this season:
- One Day Tour**—Cost \$3.25—From Glacier Park Hotel to Going to the Sun Camp via automobile or launch.
- Three Day Scenic Tour**—Daily July 1 to September 1—\$21.00—From Glacier Park Hotel through 100 miles of stupendous, ever-changing scenic grandeur.
- Five Day Tour**—\$31.25—Penetrating into the northern-

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**Seven Day Tour**—Daily July 1 to September 1—\$47—A panorama is spread out before you of untrod, sky-piercing mountains, glaciers centuries old, lakes that almost touch the heavens. You cross and recross the Continental Divide.

**Write for Free Literature**

We will help you plan a vacation unequalled in your fishing experience. Write today for airplane folder and other descriptive literature on Glacier National Park, together with hotel rates. Don't decide on your vacation spot until you have seen the rare delights we have in Uncle Sam's newest playground.

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210 South Clark Street, CHICAGO
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1184 Broadway, NEW YORK
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**GREAT NORTHERN RAILWAY**  
ST. PAUL, MINN.

Panama-Pacific International Exposition, San Francisco, 1915

**COUPON**

**H. A. NOBLE, Gen. Pass. Agent,**  
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Please send me free descriptive literature and airplane folder on Glacier National Park

Name.....

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SPENCER HOOPER  
Grand Rapids, Mich.

FIELD & STREAM PRIZE WINNER  
CAUGHT WITH LOCKHART BAIT  
1913 CONTEST

*From this*



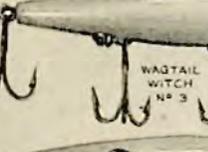
JERSEY SKEETER

*To this*



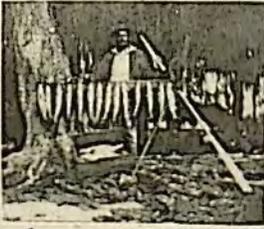
WATER WASP No. 2

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WAGTAIL WITCH No. 3

*and others of the same family*



SEA TROUT CAUGHT BY  
A. WOODNORTH NEW ORLEANS, LA.

*The Bait that caught over 200 pounds of fish in one day*



WOBLER WIZARD



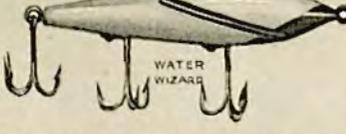
WAGTAIL WITCH No. 1



WATER WASP No. 1



WAGTAIL WITCH No. 2



WATER WIZARD

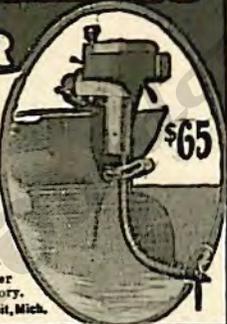


POLLY WOG

**GALESBURG, MICH.**  
Wobler ..... 50 Cents  
Others ..... Each, \$1.00

**Mfg. & Sold by E. J. LOCKHART** OWNER OF PRIOR ART PATENTS COVERING SAME

## GRAY GEARLESS DETACHABLE BOAT MOTOR



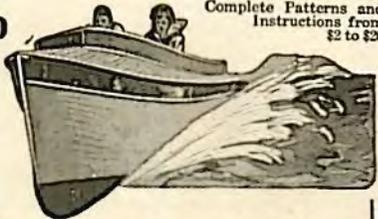
**Attaches to any row boat or canoe.** Just the motor for your vacation. Has several superior mechanical features found on no other outboard motor. You will find the Gray Gearless Boat Motor is

**Mechanically Better** and you get more power, less weight, fewer parts, greater simplicity, easier steering and longer life at a remarkably low price—\$65 complete. Guaranteed by a responsible concern. Write for full details—ask a Gray agent—your nearest hardware or sporting goods dealer or get immediate deliveries from factory.

Gray Motor Co., 570 1/2 Gray Motor Bldg., Detroit, Mich.

\$65

## Time to Build Your Boat

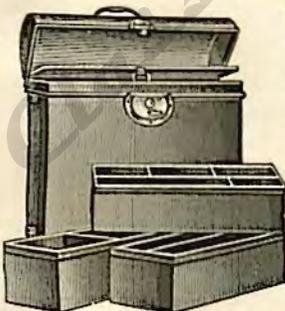


Complete Patterns and Instructions from \$2 to \$20

**LET us send you complete parts for a boat, shaped and fitted. Easy to assemble. Save two-thirds boat builder's price. Satisfaction guaranteed or your money back. Only \$33 for complete knock-down frame of 23-foot Motor Boat—12 passengers—Speed 9 1/2 to 14 miles an hour. This includes full-sized patterns to finish by.**

**WRITE FOR BROOKS BOAT BOOK**

Illustrating row boats, canoes, sail and motor boats that you can build. Also shows new "V Bottom." Address:  
**BROOKS MFG. CO., 7005 Rust Avenue, Saginaw, Mich.**



No. 99 Tackle Box—Price \$3.00

## The Fact That MEEK REELS

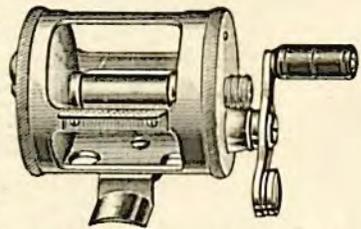
have won 73 per cent of all International Tournament Trophies awarded in nine years is conclusive evidence of their superiority.

Quality is Economy. It pays to buy the best.

No false statements in our advertisements. Facts are sufficient.

If your dealer will not supply you, remit direct to us. Sold under an absolute guarantee.

Catalogue 0 Free.



No. 33 Simplex, Patented—Price \$7.50

**B. F. MEEK & SONS, Inc., 1450 S. 18th St., Louisville, Ky.**

Please mention this Magazine when writing to advertisers

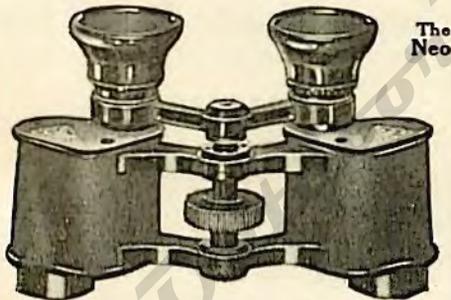
**Brings Every Detail  
of the View to You!**

There are more interesting things to enjoy looking at on your tour abroad or vacation trip at home than your unaided eye can see—perched on a mountain crag, tucked away in a smiling valley, far over the water or high up in a cathedral. You can bring an object or scene right up before you with

**GOERZ  
TRIÉDER  
BINOCULARS**

Greatly increase pleasures of travel. Add to enjoyment of camping, mountain climbing, yachting, racing and track and field sports.

Goerz binoculars have larger fields than most others. They are clear and brilliant, magnify perfectly and cover the entire field sharply. They are small, compact, light and beautifully finished. Each one is guaranteed to be strongly built and to be optically and mechanically perfect.



The Neo

**For General Use:** NEO—large objective lenses with extreme of luminosity; embodies very latest optical and mechanical improvements.

**Extremely Compact:** PAGOR—smallest, lightest and most compact of its kind; especially desirable for ladies or for travel on this account.

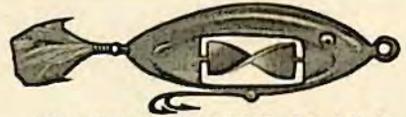
**Day and Night Use:** HELINOX—ideal binocular for hunter, yachtsman, amateur astronomer; largest objectives and illuminates brightly in dawn or dusk.

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Made by makers of Goerz Lenses and Cameras. Insure lifetime service and satisfaction. Your dealer will get all Goerz goods for you NOW.

Send for Goerz Illustrated and Descriptive Price Catalogue of Lenses, Cameras and Binoculars, with article on "The Optics of Lenses," of interest and value.

**C P GOERZ AMERICAN OPTICAL COMPANY**  
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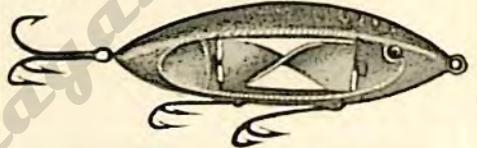


"CHIPPEWA" BASS BAIT—3-Inch Body

**You Need the Chippewa  
—The Bait That Made Good—  
In Your Tackle Box**

First introduced to sportsmen last season, the Chippewa "made good" so unmistakably that it has won a place in the tackle boxes of thousands of the "know how" anglers of America.

The Chippewa is a combination of three tried and proven styles of artificial bait—the artificial minnow, the spoon bait and the buck-tail. The combination places in the hands of the angler a lure with three chances for a "killing" as against one in any other bait.



"CHIPPEWA" PIKE BAIT—4 Inch Body

The spinner placed inside of the bait puts the flash where it ought to be—where it is in a live minnow. This alone places the Chippewa in a class by itself.

Hooks—"Quick Detachable" and Reversible.

Careful weighting makes the Chippewa always ride right side up, with the head slightly higher than the tail. The flat surface above spinner therefore acts as a "water-plane," keeping the bait near the surface as reeled in. So it can be used in shallow and snaggy places inaccessible to other underwater baits.

Get some! Try them out in all kinds of water and weather conditions and alongside of every other lure. Then you will know how the Chippewa has won its place as the bait that made good.

Prices—Bass size, 85c.; Pike or Pickerel size, 90c.; Musky size, \$1.00

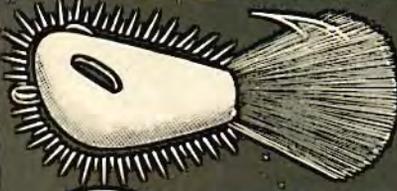
At your dealer's or by mail postpaid on receipt of price.

Write today for descriptive folder, giving available colors.

**IMMELL BAIT CO.**  
24 Main St. Blair Wis.

"It is weighted so it always travels in an upright position. Where used it has proven VERY SUCCESSFUL." O. W. Smith in June (1913) Field and Stream.





# LUMINOUS "COAXERS" CATCH FISH NOT WEEDS

**The Big Ones** strike at night and they fight harder than you ever dreamed they could. When they hit the "Coaxer" it sounds like an explosion and it is followed by a series of the most savage leaps and plunges imaginable. As bass feed in the weeds close to shore at night a weedless bait is an absolute necessity. The Luminous "Coaxer" is positively the only weedless night bait on the market. We guarantee that you can cast into the thickest rushes or lilies in the dark without snagging. It is a surface bait with red wings and tail and a white body, which gives off a phosphorescent glow that is irresistible. Send stamp for color catalog of baits, flies, trout and bass spoons, leaders, fly dressing materials, etc.



**Luminous Coaxer, 75c**  
**Plain Weedless, 80c**  
**Convertible, 75c**  
 (Has belly hook)  
**Postage, 2 cts. Each.**

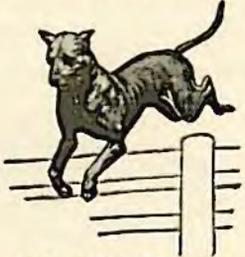
**Here's Our New Braided Silk Casting Line.** Give it a trial. You will cast easier and farther and catch more fish than ever before. It is smaller, stronger and smoother than any other No. 5 line. Guaranteed to be the best that money can buy. Per 50 yd. spool, 75c, postage 2c. Can be had two spools connected. Our folder, "Care of a Bait Casting Line," will save you money. Free with each line.

**W. J. JAMISON, Dep B 736 S. California Av., CHICAGO, ILL.**

**A DRY FLY THAT STAYS DRY**



"Coaxer" Floating Flies are real sure enough floaters. They have solid cork bodies that are coated with celluloid enamel. Absolutely water proof, will outwear two dozen best flies, and they sure do get the fish. Trout, 8 Colors, \$1.35; 12, \$2.65 Bass, 8 Colors, 1.65; 12, 3.25

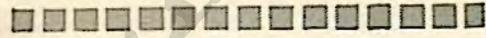


**Makes Healthy, Vigorous Dogs**  
 A food that is clean, palatable, nutritious and satisfying, promotes digestion by reinvigorating the salivary glands. Feed your dogs  
**Champion Dog Biscuit**

and they will not be restless in their sleep—no whining—always fresh and eager for work. Made of clean, sweet meat, cereals and flour—no waste products or preservatives used. It is the ideal bone and muscle builder for dogs of every kind. Send for Sample and Free Booklet. On receipt of 4c we will send you a sample, or you can get a regular size package at your druggist, sporting goods dealer, or direct from us if no dealer in your town. Our illustrated booklet is yours for the asking.



**Champion Animal Food Co.**  
 586 Minnesota St., Saint Paul, Minn.  
**MAKERS OF CHAMPION PUPPY MEAL**





*90% of the Pleasure of Your Vacation Depends Upon Your Boat*

**Buy a "Racine Made" Boat**  
 AND YOUR PLEASURE IS ASSURED

**WRITE TODAY FOR**

**Catalog No. 12**  
 of Sea-Going Cruisers—Day Cruisers—Tugs and Commercial Craft.

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 of Row-boats—Canoes—Hunting Boats—Dinghys and Small Craft.

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 of Family Motor Boats—Speed Boats—Shallow Draft Boats, Runabouts, Etc.

**RACINE BOAT COMPANY**  
 1602 Racine St. Racine, Wis., U. S. A.



If you catch a fish like this or any big one  
*you will want to know about our*  
**PRIZE FISHING CONTEST**

There are \$3,000.00 in prizes (over 200 in all) being given away for the largest fresh and salt water game fish caught during 1914. Before you go on that trip purchase a copy of the current issue of **FIELD AND STREAM** and see the list of prizes and conditions. It may mean your winning one of these handsome prizes, which range all the way from a \$10 rod to a \$50 shotgun or silver trophy cup.

**EVERY COPY CONTAINS AN ENTRY BLANK**

*Your newsdealer will supply you, or take advantage of our special Contest offer. Three months' subscription for 25c. Address to New York City.*

STORIES OF 1913 WINNERS APPEAR MONTHLY IN

**FIELD AND STREAM**

# WINCHESTER

## TOURNAMENT GUN

**12 GAUGE HAMMERLESS**

*Designed Especially  
For  
Trap Shooting*



This grade of the Winchester Model 1912 shotgun has been worked out with a great deal of thought and care, to make it meet trap shooters' ideas. It has a 30-inch Nickel steel barrel with raised matted rib, and shoots a fine pattern. The handsome, oil-finished stock of selected walnut has a well-shaped, checked grip. The slide handle is also checked. Length of pull is 14 inches, drop at comb  $1 \frac{9}{16}$  inches, and drop at heel  $1 \frac{3}{4}$  inches. The comb is heavy and rounding, which is a help to quick and accurate sighting. The Tournament gun weighs about  $7 \frac{1}{2}$  pounds, which is just right for trap shooting. The *list* price is only \$45.00, and the retail price is less.

The 12 gauge Model 1912 repeater is also furnished in TRAP grade, listing at \$55.00, and in PIGEON grade, listing at \$105.00. For further details of these—"The Most Perfect Repeaters"—ask your dealer or send for circular to the

**WINCHESTER REPEATING ARMS CO., NEW HAVEN, CONN.**

*By Invitation, Member Rice Leaders Of The World Association.*

# B.S.A. '22 BORE MATCH RIFLES MARTINI N°12 MODEL



Single shot **hinged** action safer, stronger, more simple and **much more rapid than any in the world.** (Falling block actions involve fumbling and feeling, and are very slow comparatively. Repeaters are no good for keen match work.)

Barrel the most accurate ever manufactured. Shoots the .22 "long rifle" cartridge consistently into 2in. at 100 yards range. Makes one hole in the target at 25 yards.

*Used in making many World's Records for deliberate and rapid shooting.*

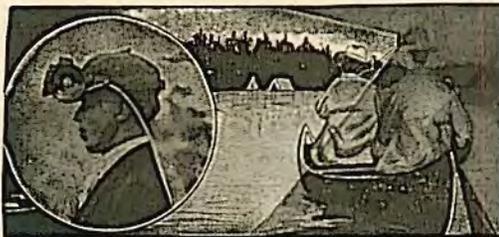
Weight 8 1/4 lb. Action easily dismountable. Notice take-down barrel feature. Trigger pull like "breaking crisp lettuce."

**Model No. 12a**, fitted with B.S.A. No. 8 Peep Backsight and No. 19 Target Combination Foresight - Price **\$28.00**

Sole Manufacturers: **The Birmingham Small Arms Co. Ltd., Birmingham, Eng.**

FOR FULLY ILLUSTRATED PAMPHLET NO. 14 FREE,  
WRITE AT ONCE TO—

U. S. Representative: **HENRY SMAIL, 82, Duane St., NEW YORK CITY.**



## THE BRILLIANT SEARCHLIGHT

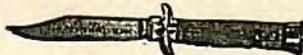
When froging, hunting, fishing, driving or any kind of night work. It has locomotive reflector. Flame is protected with a 3 1/2-inch convex lens, may be tilted up or down, burns 8 hours with one filling, costs 3 cents.

Style 1. Single Lens...\$5.00. Dbl. L.....\$6.00 Int. L.....\$6.50  
Style 2. Adjustable Candle Flame Burner.....Add .50  
Style 3. Adjustable Flat Flame Burner.....Add 1.00

## THE NORTHWESTERN CLASP KNIFE

opened or closed with one hand. Blade is locked open or closed. Made of best material and workmanship, german silver, bolsters heavy polished brass lining, selected stag handle, fully warranted. Weight, 4 ounces. Length over all when open, 9 1/2 inches; when closed, 5 inches; cutting edge, 4 inches.

Send for Circular. Postpaid on receipt of price. \$2.50



**R. C. KRUSCHKE**

32 W. Superior St.,

Duluth, Minn.

WRITE US FOR OUR  
ILLUSTRATED BOOKLET

## "Novelty Suggestions From CHILDS"

All that is good in metal advertising specialties, Emblems, Medals, Etc., is shown here.

**S. D. CHILDS & CO.**

Department 2, 136 S. Clark Street, Chicago

## CHASES MOSQUITOES

Away with the pests! Don't suffer from bites of mosquitoes, flies, gnats, etc. They carry deadly disease. Drive them away with

**L.Z.B. Paste** When you go camping or fishing take L. Z. B. Paste with you. Also a necessity for the chapped skin, insect bites, etc. Sent prepaid anywhere for 25c. Money back if not satisfied. Send at once!

LOTZ BROS. Dept. 66, St. Louis, Mo.

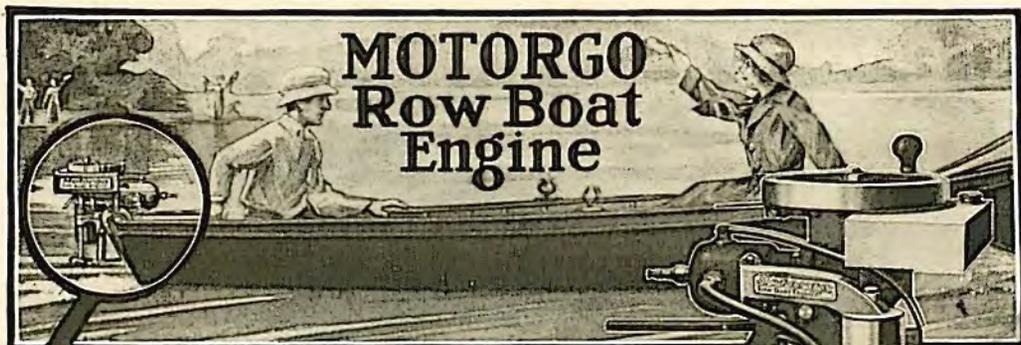
## Fish Bite

like hungry wolves and keep you busy pulling them out, whenever or wherever you use our

**MAGIC FISH LURE BAIT.**

Best bait ever used for attracting all kinds of the finny beauties. Over 60,000 boxes sold last season. Price 25c, 50c, and \$1. Positively guaranteed. Write for Free Booklet and our special offer of one box to help introduce it

**J. F. GREGORY, Dept. D St. Louis, Mo**



**Guaranteed and Sold by  
Sears, Roebuck and Co.  
at a Price Way Below All Others**

The Motorgo must give the satisfaction you have a right to expect. If you are not pleased in every way, we want you to send it back. Your money will then be returned, including any transportation charges you have paid.

**Write Us a Postal for More Facts**

We believe the Motorgo represents everything desirable in a row boat engine. It is quickly attached by two thumbscrews, starts easily, runs steadily and economically, steers with a rudder, has semi-speedless propeller, and does not rust or corrode even in salt water. Let us send you all the information. Send a postal now for "Motorgo Row Boat Engine Folder" No. 72079.

**Sears, Roebuck and Co., Chicago**

**\$49<sup>95</sup>**

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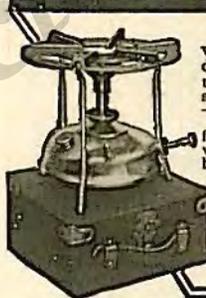
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**THERE'S** as much real sport and fun handling a canoe by paddle or sail as there is in landing a stubborn bass. The

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is a sturdy craft with delicate balance, true proportions, speed and strength that inspire confidence. Leading guides and outdoor men prefer it, because it has stood up under every test for years.

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For pleasure, speed-comfort-safety and economy there is none that can equal a Mullins Boat. The first cost is the last cost-outside of the slight expense for painting they cost nothing to put in commission and maintain-They never require calking or repairs-never water-logged or warp-never dry out-Absolutely guaranteed against puncture-built of heavily galvanized tough steel plates like Government Torpedo Boats with air-tight compartments like Life Boats-Designed by Naval Architects and equipped with Sterling 4 Cycle or Pierce-Budd and Ferro 2 Cycle Motors Simple in construction, powerful in performance-thoroughly reliable-One man control-Can be operated perfectly by the beginner-Never balk-Never stall-Exhaust silently under water. Learn how these boats are built by writing for **Free Book** beautifully illustrated in color.

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Both won by

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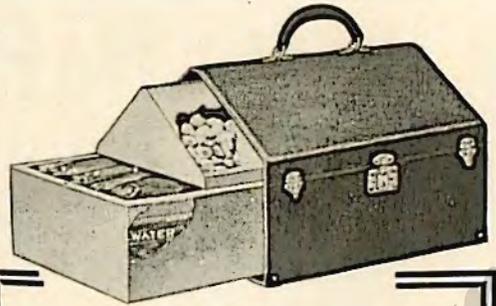
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**H**ERE it is—you've been waiting for this—some way of getting your "catch" home conveniently—and in prime condition. The



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does the trick. It keeps fish fresh and firm—in perfect condition—all the way home. No leakage—no slop-over—no water or ice in contact with the fish. Convenient to carry—and is, to all appearances, a smart traveling bag. Simple in construction—easy to get at. Accommodates 40 to 50 trout—and one filling of ice lasts 36 hours.

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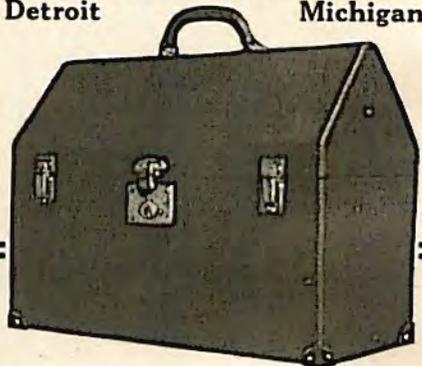
**W**RITE today for information about the "Detroit." It's great business for "real" fishermen—and just fills the bill for picnics, motor trips—outings of every kind. Send for free catalog—now.

### Detroit Refrigerator Grip Co.

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Here at last is the very Camera the world has waited for—just the camera you have always wanted. **No experience needed** to make pictures with our sure-shot picture-taker. This new, amazing invention enables any man, woman—yes, even children—to make finished post card photos in one minute. Think of it! Finished pictures made in a minute's time—taken and finished right on the spot.

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A new one minute camera. Gives all the joys of picture-taking without the usual labor and expense. Does away with films and plates—trays, tanks and trouble. No inconveniences. No fuss or muss. The "Mandel-ette" cuts down the cost of making finished pictures to one-tenth of what it costs with the ordinary camera. No developer worries. No usual expensive camera accessories. The greatest camera invention of our age. Your vacation is not complete unless you have a "Mandel-ette." Use it for all occasions. You simply can't afford to be without it. Read this

## Special Money Back Offer

We are the inventors and manufacturers of the "Mandel-ette," patterned after the famous "Mandel" Camera. We sell it direct to you at rock bottom price. We want everybody to own a "Mandel-ette" so we make you this special money back offer. Order your outfit right from this ad; make pictures with it by following our simple instructions, and if you find that the "Mandel-ette" will not do everything that we claim for it, send it back and your money will be refunded. Isn't this a fair offer?

## \$5.00 Complete Outfit Free Book

(Add 50c for Parcel Post)

This outfit includes the Mandel-ette' Camera and everything that is needed to make 16 finished post card photos. You begin making finished pictures as soon as outfit arrives. No waiting. If you want a tripod, send \$1 additional. Extra post cards, 25c per package of 16. Send postal or express money order, draft or personal check. Don't wait. Order your outfit right from this ad. Do it now.

Write for this book. Learn all about this new and wonderful process of taking and finishing pictures in one minute. Realize what a big advantage the "Mandel-ette" gives you over the ordinary camera. Consider the time and money you can save. You can make money too by selling these one minute pictures. Each finished picture costs you 1 1/2 c, sells for 10c. Big profits and great fun await you. Order the "Mandel-ette" whether you want it for pleasure or profit, or send for the book today.

### THE CHICAGO FERROTYPE COMPANY

A186 Ferrotyp Bldg. Chicago, Ill. or Dept. A186 Public Bx. Bldg. 89-91 Delancey St. New York, N.Y.

This wonderful camera makes pictures DIRECT ON POST CARDS without films, plates, printing or dark room. Camera weighs about 2 1/2 ounces and measures about 4 x 4 1/2 x 6 inches; size of pictures, 2 1/2 x 3 1/2 inches. Loads in daylight with 16 or 50 cards at one time—no dark room necessary. Universal focus lens produces sharp pictures at all distances. Perfect working shutter. Combined "3-in-1" Developer eliminates any other solution. Pictures develop automatically in less than a minute—can't over-develop. Plain instructions with each outfit enable you to begin making pictures the very hour outfit arrives. SEND FOR THE OUTFIT TODAY.



## Send a Post Card Request for this FREE Booklet Today

When the Red Gods call you out you want to go fully prepared. This booklet tells just how to prepare—how to get the greatest amount of good out of the greatest of all sports. It shows how to be prepared for any and every emergency; how to choose a rod that is light, strong, flexible, durable—instantly adjustable to any unexpected requirement. Write—use a post card and learn all about

## The Holland Telescopic Steel Rod

These rods work well at any length; are elegant in appearance, light, and correctly balanced. The joints are of seamless English tubing, scientifically tempered and guaranteed against defects. As illustrated—they are made with single piece reversible handle, cork grip and reel locking device, mounted with German Silver Snake Guides. Prices complete with Heavy Duck Cases \$4.75 upwards. A mere post card request will bring a copy of "Where the Red Gods Call."

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St. Joseph  
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The PERFECT leader at last

## What Shall We Call It?

\$5.00 Prize to the user who suggests the name that is adopted. The Scientist of the Orient improves on Nature. All of the good points and none of the weaknesses of Silk Worm Gut. Three, six and nine foot leaders without a knot. Not affected by light, air, salt or fresh water.

Breaking strain (Light Trout . . . 6 lbs.) Two to three times as strong as gut.  
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(Heavy Trout . 15 lbs.)

Three foot leader 25 cts., Six foot 50 cts., nine foot 75 cts.

Satisfaction guaranteed or money refunded.

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Only a few hours from Duluth, just over the Canadian border in the Great Rainy Lake District you will find *new* fishing, hunting and recreation grounds—lakes and streams full of big bass, muskies, trout, wall-eyed pike, sturgeon, pickerel, etc., only recently made accessible to sportsmen by the

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(2 trains daily between Duluth, Ft. Frances & Winnipeg through Rainy Lake District)

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CHICAGO: 64 West Adams Street

ST. PAUL: 4th and Jackson Streets  
DULUTH: 424 West Superior Street  
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## IT GETS THE BIG FISH

### THE "SURE CATCH" PATENT FISH HOOK 10 CENTS

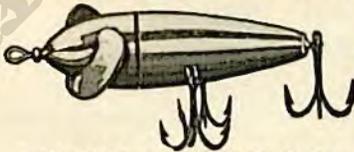
at your dealer's. If your dealer does not have them, send your dealer's name and 6 cents for sample hook. Don't forget your dealer's name. Bait is slipped on over the pointed shank. The double hook prevents the bait slipping down on the bend of the hook and getting out of shape. The connecting link has sufficient spring to keep the hook from getting off.

Made up in sizes 4, 5 and 6 for trout fishing. Larger sizes furnished a little later.

Dealers, write us for terms and discounts.

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### THE ROTARY-MARVEL, \$1.00

Doesn't it stand to reason that a lure which attracts fish from a much greater area than any other bait will get MORE strikes? The revolving, nickel-plated head of the Rotary-Marvel flashes an irresistible challenge that arouses fish to strike from a distance at which they would not notice a dull, painted bait. It will increase your catches from 25% to 50%. An entry blank for our 1914 Prize Fishing Contest is in every box. Send \$1.00 by return mail for a Rotary-Marvel AND GET MORE STRIKES.

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## FISHING TACKLE

You will be going over your outfit one of these fine days, getting ready for the great game.

If our Tackle Catalogue is beside you, you can readily pick out the items required to complete your outfit.

Any goods you might order would be promptly delivered at your door.

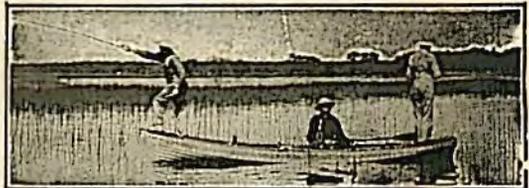
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Remember we are Fishing Tackle Specialists and our expert advice is most cheerfully given.

The Catalogue is ready now and will be mailed to any address upon request. Write:

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CANOE ..... \$18 and up  
 ROW-BOATS ..... 18 and up

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Row Boats Built and Designed for Detachable Motors  
 15 and 17 ft. long. \$35 and \$48.



Fish Boat for Shallow Water, light and easy to row, or Detachable Motor can be used, 12, 14, and 16 1/2 ft. long, \$22 and up.



Motor Boats With or Without Engine, Made in 2 Styles  
 Style R is an open boat. Style U is like illustration.

Length	Without Engine	With Engine
16 feet.....	R \$53 U \$ 68	R \$93 U \$108
18 feet.....	R 60 U 74	R 110 U 129
20 feet.....	U 98	U 173
22 feet.....	U 120	U 195
24 feet.....	U 150	U 240

Freight charges on the 16, 18 and 20 ft. boats are figured according to the actual weight of the boat, based on the 100 pound rate.  
 Send for Free Catalog. Please state what kind of boat you are interested in.

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 Write TODAY!  
 Detroit Engine Works, 1310 Jefferson Ave., Detroit, Mich.

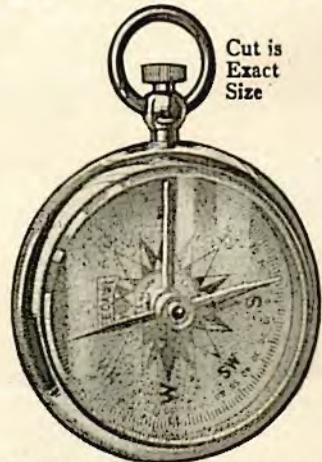
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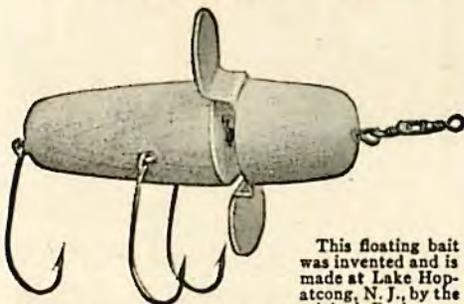
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**ANS. B. DECKER**  
Genuine Topwater Casting Bait



This floating bait was invented and is made at Lake Hopatcong, N. J., by the original Decker.

Put up in yellow boxes and must show the Decker signature on box to be the right one—look out for the imitation.

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For sale by all first class dealers, or fifty cents by mail, postpaid, from

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We also make the famous "Decker Wobbler" for pickerel—thirty-five cents each.

Try one of our famous Ans. B. Decker casting lines —fifty yards for a dollar.

**21**  
**PRIZE WINNERS**  
in the 1913 Field & Stream  
Contest used the  
**MEISSELBACH**  
**FISHING REELS**

Our "Takapart" and "Tripart" Bait Casting Reels are a revelation to every angler—in accuracy, lightness, balance, and silent smoothness. Why be satisfied with half of these virtues, when you can get ALL of them in the guaranteed "Meisselbach"?

<b>TAKAPART</b>	<b>\$4</b>
80 to 100 yards...	
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Equal to any other Reel at twice the price and fully guaranteed. Your dealer has them, if not, write us.

Write for Catalog and Handbook on "Bait Casting."

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Our Carvel Planked Row Boat will stand up under hard usage in a manner that will surprise you. Planked like a launch—that's the

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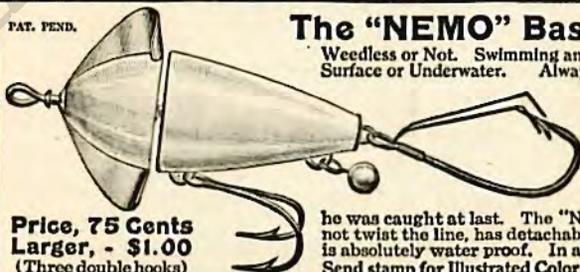
ROWBOATS.

CANOE.

We will be glad to answer questions and send catalogue.

**MATHISEN BOAT COMPANY, 10 River Street, OSHKOSH, WISCONSIN.**

**A GRAND PRIZE WINNER!**



PAT. PEND.

**The "NEMO" Bass Bait**

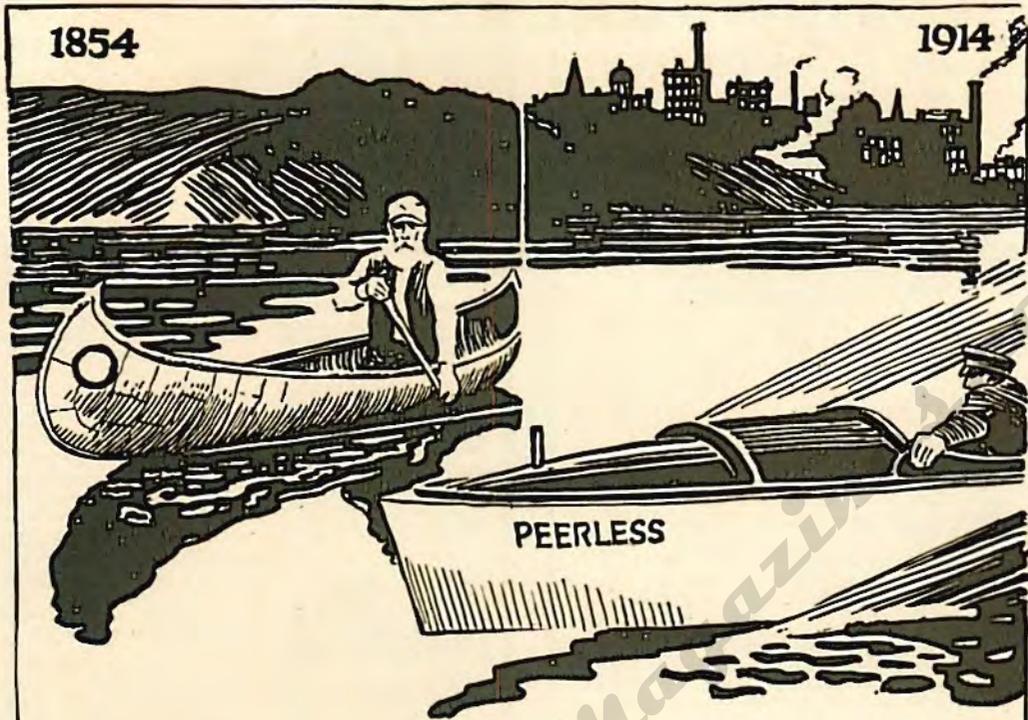
Weedless or Not. Swimming and Diving.  
Surface or Underwater. Always Floats.

The 8 lb. 6 oz. large mouth bass caught on the "Nemo" Bass Bait at Hopatcong Lake, N. J., was not only the winner of **Second Grand Prize** in the big *Field and Stream* 1913 fishing contest, but

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**Larger, - \$1.00**  
(Three double hooks)

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Fishermen and all lovers of the open air:—An outdoor lunch without a pint of cold, sparkling, refreshing beer is like an egg without salt. Now as to the choice. — 1914 marks our 60th year of supplying outdoor enthusiasts with a brew of rare flavor and splendid quality. The preference for

### *Gund's Peerless Beer*

of three generations of devotees of the rod; its unequalled mellowness, richness and purity makes it without question the beer to choose.

Don't forget to toast our 60th anniversary, and don't forget that Granddaddy used Gund's on HIS fishing trips. Order a case to-day. *Your dealer has it.*

**John Gund Brewing Co., La Crosse, Wis.**



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**LITTER LLEWELLYN PUPPIES**—Sire Bull Moose, the \$1000 stud dog and greatest field dog in the central west. Dam Fanny Onward, dam of more high class shooting dogs than any bitch west of the Mississippi. These puppies go at \$20 for dogs and \$15 for bitches. Break one this fall by getting him on birds and he will do the rest. These are fast, stylish and handsome puppies.

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And now that the season is over I offer—

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Order Direct

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**REGISTERED ENGLISH BLOOD HOUNDS**—Puppies and grown dogs. Best blood. Max J. Kennedy, Fredonia, Kansas.

**FOX AND HOUND**—Monthly magazine about fox, wolf, coon, mink, skunk, and rabbit hounds; and hunting; has beagle department; \$1 a year; sample free. Fox and Hound, Desk O, Decatur, Ill.

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**THE BLUE GRASS FARM KENNELS**, of Berry, Kentucky, offer for sale setters and pointers, fox and cat hounds, wolf and deer hounds, coon and opossum hounds, varmint and rabbit hounds, bear and lion hounds, also Airedale terriers. All dogs shipped on trial, purchaser alone to judge the quality. Satisfaction guaranteed or money refunded. 50-page, highly illustrated, interesting and instructive catalogue for ten cents, stamps or coin.

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**ENGLISH BEAGLE HOUNDS FOR SALE**—Hunters that hunt; the world's best blood. August Pohl, Burton Street, Painesville, Ohio.

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**THE STANFORD BEAGLES**—Get the best—Grown beagles, and puppies all ages, ready to train. Eight dogs at stud. Photos 4c stamps. Stanford Kennels, Bangall, N. Y.

**FOX HUNTERS**—Before you breed that bitch get description of our Stud dogs. Eight good ones—bred right—proven sires. Field Foxhound Kennels, Somers, Conn.

**WANTED TO EXCHANGE**—English blood hound bitch, registered, 3 years old. For Airedale bitch, registered, not over 4 years old. L. B. Hoover, Omro, Wis.

**FOR SALE**—Fine litter of rat terrier pups for sale. Price reasonable. Mr. Hy. Pfeil, Box 345, Peotone, Ill.

**FOR SALE**—Brown water spaniel bitch; age 6 months 20th of April. Would exchange for Gordon or Llewellyn setter pup. E. A. Wright, Kanawha, Ia.

**WANTED**—Pointer three years old, thoroughly trained on partridge and woodcock. Must be perfect retriever, slow, careful worker; must have best of noses, high breeding and good looks. C. F. Larzelere, Fond du Lac, Wis.

**FOR SALE**—I have some fine bred trail hound pups for sale; half fox and half blood hound. Bitch run while in whelp. For full information write to Oscar Kamhoot, Cartersville, Mont.

**FOR SALE**—Thoroughbred English setter pups. Correspondence solicited. E. B. Davis, Spring Valley, Minnesota.

**FOR SALE OR EXCHANGE**—Male pointer one year old. Reasonable price, or what have you? James C. Martin, Independence, Mo.

### DOG REMEDIES

"MANGE", Eczema, ear canker, goitre, cured or money refunded. Price \$1.00. Eczema Remedy Co., Hot Springs, Ark.

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**WANTED**—Minks, \$5.00; foxes, \$2.50 to \$4.00; coons and squirrels, 50c to \$1.25. Send name of express office in first letter. W. T. Hodgen, Box 232, Campbellsville, Kentucky.

# CLASSIFIED ADVERTISEMENTS—Continued

## GUNS AND AMMUNITION

**WANTED**—A 12 gauge, 32 or 34 Greener, Francote or Westley-Richards, full choke, hammerless double gun. Will trade 10 gauge \$350.00 Greener and pay cash difference for what I want. **FOR SALE**—A 10 gauge Parker hammer gun with outfit, \$18.00. Good riding bridles, steel fly rod and automatic reel. A. G. Holmes, Green Bay, Wis.

**FOR SALE OR EXCHANGE**—\$350.00, 12 gauge, 33-inch barrel, Greener hammerless; \$125.00 Automatic shotgun. Want fine trap gun or kodak as part payment. Tent, steel rod and automatic reel, Eastman kodak, 3-barrel gun, 16 gauge Smith ejector, shop worn pump gun, bridles, etc., for sale. Buffalo robe and coon robe. A. G. Holmes, Green Bay, Wis.

**FOR SALE**—Winchester .22 auto.; .30 Sauer-Mausler. Stephen Ladd, 643 E. 18th St., Minneapolis, Minn.

**TO EXCHANGE**—Fine Marlin 16-shot, .32 rifle, for good 12 gauge pump gun. Scott C. Garrett, Tiffin, O.

**EXCHANGE**—Remington .22 repeater with silencer. New L. C. Smith visible typewriter, bought last year, for .22 target revolver, and high grade shotgun. C. J. Olson, Mt. Kisco, N. Y.

**WINCHESTER** 20 gauge, new, perfect, guaranteed, never shot, \$19.00. Remington .22 repeater, 24-inch octagon, Marble peep, Maxim silencer, excellent condition, \$10.00. R. S. Smylic, Jr., Chama, New Mex.

**FOR SALE**—Remington pump, 12-30, full, 7 $\frac{1}{2}$ , first class condition, perfect working order, satisfaction guaranteed. \$15.00. Guy E. Conley, Sheffield, Ill. R. 1.

**FOR SALE OR EXCHANGE**—Sharps .45-100, 2 6-10-inch shell, 28-inch octagon, double set triggers, 11 $\frac{1}{2}$  pounds, grooved mould. Want Colt .22, for short and long cartridges, or Colt Frontier or New Service. Rifle in fine condition. E. M. Clough, Biddeford, Me.

**FOR SALE**—Winchester automatic rifle, .351 caliber, with extra magazine and leather case, good as new, price \$17.00. Fred Tessmann, 838 Teutonia Ave., Milwaukee, Wis.

**FOR SALE**—Remington automatic shotgun, No. 2 grade, with matted rib; also fine leather case, brand new; outfit cost \$50.00, will sell for \$35.00. Winchester pump gun, Model 1897, take-down, 12 gauge, perfect condition inside and outside, sell for \$15.00. Winchester Model 1894 rifle, take-down, 26-inch octagon barrel, .32 Winchester special caliber, never used, \$15.00. Iver Johnson .32 caliber revolver, 6-inch barrel, target grips, blued finish, in holster, sell for \$5.00, perfect condition. Colt .25 caliber automatic pistol, brand new, sell for \$8.00. Will pay expressage if cash is sent with order and guarantee articles to be exactly as represented. Edwin Gottal, 4138 North Claremont Ave., Chicago, Ill.

**GUNS RE-STOCKED**—Engraved or fitted with infallible single trigger. John W. Harrison, Grass Creek, Indiana.

**WANTED**—A Springfield rifle using the 1906 Government ammunition. Remodeled, in fine condition. H. A. Nerison, Westby, Wis.

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**GAME FISH** Pictures, hand painted in colors by our expert artist. All our work is made to order, and guaranteed to please. Write for particulars. McKae Specialty Co., Allegan, Michigan.

**GAME PICTURES**—Hand painted, of any animal or game bird you desire. Write for price list. McKae Specialty Co., Allegan, Mich.

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**PATENTS THAT PROTECT AND PAY**—Books free. Highest references; best results. Send sketch or model for free search. Watson E. Coleman, Patent Lawyer, 624 F Street, Washington, D. C.

## ANIMALS AND BIRDS

**FOR SALE**—English pheasant eggs; \$3.00 the setting, 15 eggs. Contracts for season solicited. C. T. Kimball, Beloit, Wis.

**WANTED**—Star-black scentless skunk at all times. State price, number, etc., in first letter. We buy all kinds fur bearing animals. North Star Fur Farms, Springfield, Minn.

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**WANTED**—Cub bears, foxes, mink, otter, fisher lynx, cranes, wild geese and all other animals. Pay highest prices. Horne's Zoological Arena, Desk 70, Kansas City, Mo.

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**FOR SALE**—Golden, silver and ring neck pheasant eggs. Write for prices. Paul Schlichting, Sheboygan Falls, Wis.

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**FOR SALE**—Mounted elk, deer, mountain sheep (B. C. and Alaska), and other game heads. Whole body specimens and skins. All shot during the open season of 1913-1914, and mounted true to wild nature by best moth-proof methods. Very reasonable prices. Duty and express prepaid, on approval in U. S. A., at my risk of acceptance. A passing opportunity to secure a fine specimen, properly mounted, at a very reasonable price. My shipping methods protect you absolutely in every way. Your inquiry will have a prompt reply. Edwin Dixon, Taxidermist, Unionville, Ontario.

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# CLASSIFIED ADVERTISEMENTS—Continued

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**FOR SALE**—Eleven-foot Special King folding canvas boat, almost new; cost \$35, will sell to best offer in 30 days. Reason for selling, want rowboat detachable motor. Stamp for reply. L. C. Liggett, Benedict, Kas.

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**GINSENG JOURNAL**—Arrowsmith, Illinois, 48 page monthly, 50c year. Vital interest to ginseng, seal growers. 100 seeds given new subscribers, when wanted.

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**FIVE SPORTY POSES**, 10 cents. Miss E. Banner, Station R, New York City.

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**FOR SALE CHEAP OR TRADE** for camera. D. H. Grade Parker, perfect condition. B. A. Claffin, Green Bay, Wis.

**FOR EXCHANGE**—4x5 double extension camera with complete equipment. Guaranteed first class, worth \$25. Full description on inquiry. Want .22 high power. F. D. Young, Rochester, Minn.

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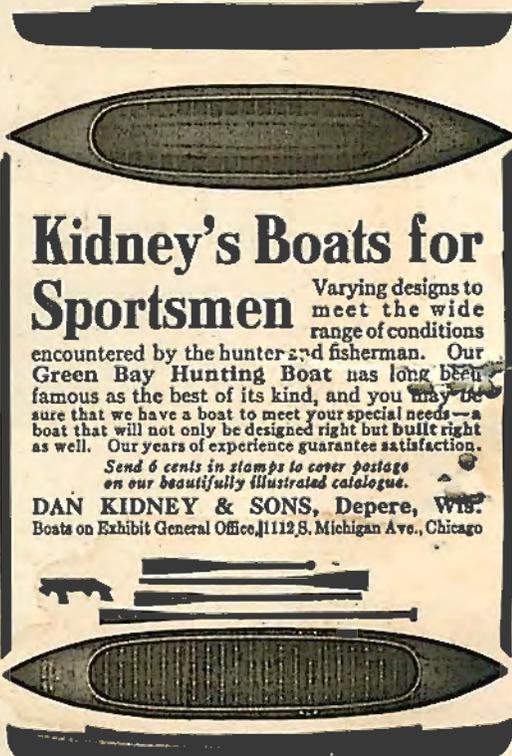


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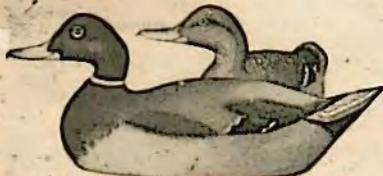
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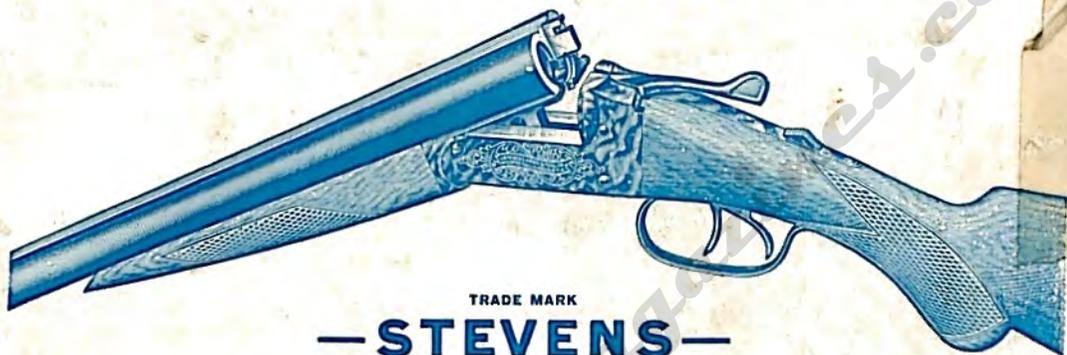
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