

the fake moonlight, the condition of affairs is just reversed and the distance is strong and clear, with dark, shadowy foreground. The real sunset picture requires a longer exposure, in order that the detail in the foreground may show when the sky has developed up to the correct density. If the amateur feels that he *must* have a "moonlight," he will find it better to secure it by full exposure and slight development rather than by short exposure and forced development. And with long exposure it is of course going to necessitate the use of backed orthochromatic plates to preserve the clouds.

Just a word or two on developing processes. To catch clouds on an ordinary plate one must give a short exposure and carry on the process of development very slowly in a diluted solution. The more we dilute the developer the more often is it possible to save an over exposure. In such a case normal solution is out of the question. As the sky appears and commences to stand out a little, more stock solution may be added for density, but care must be exercised not to overdo it. Nor must any one take any chances on over developing in cloud work. In fact, if anything, rather err the other way. For the edification of those who have but a dim idea of the requisites of a good cloud negative, let it be stated that the principal characteristics ought to be an image devoid of fog, in which the range of half-tone is perfect and the extreme high-lights fairly intense. A developer rich in pyro, or whatever agent is used, and weak in accelerator, is useful with the aim of bringing out the high-lights first and securing in them good printing power by restrained, but not too weak, developer. With corrected or color sensitive plates, development may be carried on with solutions of full strength.

The only places where extra care is needed is to stop before the negative gets

too dense, particularly when both clouds and foreground are on one plate. If the exposure has been made for the foreground and not for the clouds, every part of the plate ought to be done about the same time. The exact moment to stop development is when the sky commences to be a trifle more dense than the foreground. Remember that the sky half of the negative gains density twice as fast as the other part. A good idea is to keep the solution well over the foreground, with occasional washes over the other part to prevent the formation of a definite line.

In the making of cloud negatives for the purpose of printing in with our landscape negatives, it must be borne in mind that clouds are subject to the same rules as terrestrial objects. No one would think of photographing them at the zenith and introducing them at the horizon, but, even so, proper care is not always displayed in placing them at the proper distance above the horizon line. In the first place the cloud ought to be taken with a lens of the same form as is used on the landscape, and the direction, strength and quality of the lighting should be the same in both. In all cases either include the horizon line or mark the negative in some way that you may not commit the foolish error of printing it upside down.

But to go on and deal with this subject any farther would make the yarn well nigh endless. Perhaps the few remarks that have been made here will not do more than to point out the way, but once one starts on that way he quickly learns a lot for himself that somehow never finds its way into print, and that is after all, the very essence of the matter. Suffice it to say in conclusion, that the amateur who has never tried cloud photography has before him a new field full of unexplored delights, and he would do well to lose no time in jumping in and doing a little experimenting.



The Fish and Game Protection Association, with headquarters at Quebec City, is in a flourishing and vigorous condition, and reports a paid-up membership of four hundred. It is doing excel-

lent work. This is a distinct organization from the Province of Quebec Association for the Protection of Fish and Game, with headquarters in Montreal, which has been in existence many years.