

COURSE IN PHOTOGRAPHY FOR AMATEURS

THE OREGONIAN'S HOME STUDY CIRCLE DIRECTED BY PROF. SEYMOUR EATON

XL-IMPROVEMENT OF NEGATIVES.

BY F. DUNDAS TODD. What is a perfect negative? It is exceedingly difficult to give a good definition, but this may do as well as any. A negative is perfect when it gives the exact kind of print the photographer wants.

Another very excellent single solution is as follows: The platinum intensifier, which is manufactured by a Polysalphal Co., the instructions accompany the bottle and the process is an exceedingly simple one.

Local reduction and local intensification may often be done with advantage. The negative is placed in a horizontal position and a sheet of white paper which is laid a sheet of white paper to reflect the light upward. The solution is applied to the necessary spot by means of a small brush.

Local reduction may also be done by taking a small piece of cotton flannel or coarse wool, dipping it in alcohol and rubbing the spot with it. This is exactly similar to sandpapering a piece of wood.

Among minor troubles may be included small, transparent spots, which are very annoying. These are caused by particles of dust on the film at the moment of exposure or by particles on the film during development.

Underexposure will give contrast, but so will overdevelopment. The negative must be able to recognize them all in order to modify them judiciously. In short, we must recognize the cause.

Suppose we take a batch of negatives that are not giving satisfactory prints and see if we cannot locate the trouble. It might be wise to have a print made of the reference and see if it is a great help.

But the negative may be one that at no stage shows detail in the shadows, yet one which takes a long time to print the high-light detail and which is absent in the shadows. Here we have underexposure combined with overdevelopment.

Or the negative may take a long time to print, yet the pictures turn out flat and lifeless. This is a case of gross overexposure combined with overdevelopment.

Reduction is usually accomplished by means of potassium bichromate, commonly called red prussiate or potassium member, placed that it is a potent poison.

There are dozens of ways by which the process of intensification can be performed, but for the average individual I consider a one-salt intensifier the best.

Prepare a saturated solution of bichloride of mercury in water—that is, dissolve an ounce of the bichloride as the water will take up. This can be done by placing an ounce of the chemical in a 12 or 16 ounce bottle and filling it with water.

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Recent reports from Jackson County report that some enemy of the scale is destroying it in that section, and orchardists are encouraged with the hope that this pest may be held in check.

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EUROPEAN FLOUR CARGOES

BERKSHIRE CARRIES THE FIFTH FOR THE SEASON.

The first flour cargo which has left Portland for Europe this year was cleared at the custom-house yesterday by the Portland Flouring Mills Company for Queenstown or Falmouth for orders.

The vessel carrying it was the smallest craft that has figured in the 1905-1906 grain fleet. It was the diminutive Berkshire, and she has aboard 16,425 barrels, valued at \$42,500.

In addition to these cargoes, the Powers Castle and the Lorton each carried full cargoes of flour to South Africa, and the Macduff carried a part cargo for the same port.

The demands of the Orient have grown to such proportions that the mills in the Northwest are kept pretty busy getting cargoes for that country.

Why Sailors Desert. All Work and No Play Offers Some Excuse. The William Law, Thornhillbank and Berkshire are still in the stream waiting for sailors.

The theoretical but impracticable plans for handling the sailor question which are evolved by well-meaning people generally provide for the sailor going up to the "boss's" office and shipping himself.

ON A TRIAL TRIP. The new steamer Reliance, owned by The Dalles, Portland & Astoria Navigation Company, started out on her trial trip yesterday morning.

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HARDWOODS OF OREGON

MANY USES TO WHICH THEY MAY BE PUT.

Oregon white oak timber has come to the front of recent years as material for the construction of the better class of furniture, and the firms making use of it in Portland consider it superior to the Eastern hard woods.

The oak of the Pacific Slope does not grow so tall nor so straight as that of the Southern States, and so cannot be used extensively in the manufacture of large barrel staves, though the trees are often made of it, as oak logs of the length required may be found, from which the staves can be split.

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THE PALATIAL

ORGAN BUILDING

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CHANGED OLYMPIC RESERVE

The Lands Excluded—Proclamation Ready for the President.

WASHINGTON, April 11.—The townships and sections that are included in the exclusion of the Olympic forest reserve in Clallam County, in the State of Washington, are as follows:

T. 23, R. 13, 14 and 15 W.; sections 1 to 18 inclusive. T. 23, R. 15 W.; sections 1 to 18 inclusive. T. 23, R. 16 W.; sections 1 to 18 inclusive. T. 23, R. 17 W.; sections 1 to 18 inclusive.

The proclamation excluding these lands, aggregating a grand total of 297,000 acres, has not yet been signed, although it has been prepared.

While settlers inside the reserve were isolated by the forest reserve blanket, they had to select lands elsewhere, but were not allowed payment for improvements.

From the first Senator Foster has urged upon the Interior Department the question of the right to select lands elsewhere, but were not allowed payment for improvements.

Another talk on birds. Dr. W. R. Lord making himself popular with school children.

Rev. William R. Lord addressed the pupils of the Brooklyn School yesterday afternoon on "Birds."

The advanced pupils, Mr. Lord said that the momentary became interested in birds to watch and study their ways.

Nothing so sweet and touching as a mother's care for her little ones. A mother's love is the best of all.

A MOTHER'S MERCY

Always Anxious to Save the Little Ones From Suffering.

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