

Some good work was exhibited by Messrs. Gretuse, Mallalieu, Brothers, Coote, and others, and a great many slides were unable to be shown, as the hours had advanced, and time would not permit. A most cordial vote of thanks was passed to Messrs. Faulding, Werge, and Steward, and all the gentlemen who had taken part in so highly interesting a meeting, and the members adjourned until January 13th, 1881.

GLASGOW PHOTOGRAPHIC ASSOCIATION.

THE first annual Exhibition of competition and other pictures contributed by the members of the Association was held in the Religious Institution Rooms on 16th inst. A large number of ladies and gentlemen visited the Exhibition during the day. The display of pictures, though small, was good, and consisted of two classes—those sent only for exhibition, and those sent for competition. Among the latter a landscape by an amateur gentleman, Mr. Edwin Smithills, of Barrhead, gained the President's Prize against professional competitors.

Mr. James McGhie gained the first prize for the landscape competition, open to the whole Association; while the prize for the best figure subject in the competition, open to the whole Association, was awarded to Mr. William Brown, photographer, Paisley.

For the best landscape (confined to amateurs), Mr. John Parker received the first prize, and for the best figure subject (confined to amateurs), Mr. James S. Gardner received a similar award. The remainder of the pictures, including several photographs on opal glass, were considered very fine, and received attention. Three excellent specimens of Luxograph pictures were shown by Messrs. Turnbull, and Mr. Urie (the President) exhibited specimens of gaslight photography.

Messrs. T. and R. Annan exhibited some very effective landscapes and figure subjects.

The Judges, Mr. Wallis McFarlane of Saracen Foundry; Mr. Andrew McTear, lithographer; Mr. J. G. Tunny, photographer, Edinburgh, were entertained to dinner by the Council of the Association in Mr. Thornton's Restaurant, Buchanan Street, and amongst other gentlemen present were, the President, Treasurer, Secretary, and Messrs. John Jex Long, Thomas Annan, and John Parker. Various matters relating to the Association were discussed, and several toasts were given and responded to, after which the Company parted.

AMATEUR PHOTOGRAPHIC ASSOCIATION.

A COUNCIL meeting of this Society was held on Thursday, the 16th inst., at York House, York Place. The Right Hon. the Lord de Ros in the chair. The minutes of the last meeting having been read and confirmed, the following members were elected:—Col. Thomas Duff Cates, Messrs. S. P. Jackson, Richard Cecil Corbett, H. S. Schultep Young, and His Highness the Rajah Rampal Singh.

Mr. GLAISHER then read a number of letters from various members expressing their satisfaction with the prizes they received last year.

The SECRETARY then laid the following prizes before the Council:—A large silver goblet, in case, for Mr. W. Vanner; a silver goblet each for Messrs. W. S. Hobson and F. Schwabe; an album each for Messrs. R. Murray, J. W. Leigh, S. Norman, and Major D. Mac Niell; Mr. R. O. Milne, a water-colour drawing in frame; Mr. R. Leventhorpe, a water-colour drawing in frame; Mr. A. Suzanne, a painting in frame.

Dr. ARTHUR FARRE, and the other Members of Council, expressed their satisfaction with the prizes, especially with the water-colour drawings.

Mr. GOOCH considered that the prizes were, on the whole, the best that had been given by the Society.

It was decided, at the suggestion of Captain LEWIS, that new prospectuses be at once printed, as several changes had taken place since the last were issued.

LIVERPOOL AMATEUR PHOTOGRAPHIC ASSOCIATION.

THE monthly meeting of this Association was held on Thursday, the 16th inst., at the Free Library, Mr. J. H. T. ELLERBECK, President, in the chair.

The minutes of the last meeting were read and confirmed.

The SECRETARY laid before the meeting a communication from the Dundee and East of Scotland Photographic Association relative to the Exhibition there, and requesting members to transmit apparatus or prints.

The Association then proceeded to make the necessary arrangements for a display of pictures and apparatus at the *soiree* of the

associated scientific societies of Liverpool, on the evening of the 22nd inst.

Dr. KENYON showed a highly-ingenious and successful adaptation of a s enograph to one of Rouch's new cameras.

The SECRETARY read a paper on "Enlarging by the Gelatine process," (see page—) and proceeded to illustrate his remarks by making an enlargement on a fifteen by twenty plate with the Society's lantern. The exposure proved to have been rightly timed, and the resulting negative was sufficiently dense; but, owing to the warmth of the room, the plate frilled under the developer.

The meeting afterwards adjourned till the last Thursday in January.

To Correspondents.

W. BROWN (Camberwell).—You will find full information in Mr. Blanchard's article which appears in the YEAR-BOOK for 1880.
FRED RUBBRA.—We cannot give you any information about the firm in question.

EMULSION.—1. It is not easy to certainly alight on the cause of your troubles. Try, however, the effect of performing all your operations in a weaker light, and then you will doubtless be able to use a stronger developer. Plates prepared as yours, ought to be twenty times as sensitive as average wet plates. 2. The ammonium bromide should be in excess, but the washing ought to be sufficiently prolonged to remove this excess. 3. No. 3, St. Alban's Road, S.W.

P. A.—We can say from experience that the method of intensification to which you refer answers well if carried out in the full light; but it did not strike us to try whether it would give an equally satisfactory result in the dark room. Why not try yourself?

E. J. B.—1. You have altogether misunderstood the matter in question, as the image is formed in the film, and not on its surface. 2. Any alkali will serve, provided that it is not in too concentrated a state. 3. The alkaline carbonates are, with the exception of the ammonia salt, insoluble in alcohol.

L. PEWTERESS.—A flare spot of the kind which is so noticeable on the picture you send, generally arises from oblique rays entering the lens. Such rays may be reflected from some bright point on the metal mounting or on the edge of the diaphragm. Blacken the edges of the glass and the inside of the metal-work with a mixture of melted size and lamp-black.

D. S. STACY.—1. Several such series were shown at the late Exhibition of the Photographic Society. 2. No doubt an advertisement in our columns would enable you to obtain what you require.

CHAS. J. HALL.—1. The films were doubtless of a very repellent nature, some hardening or tanning material having probably been added. Try plates from another maker. 2. A pyrogallol and silver re-developer is generally found to be more satisfactory than iron and silver. 3. We cannot say.

NORTHUMBERLAND.—In such a case everything should be weighed; and you can adapt the formula to your immediate requirements by considering the parts to represent grains, drams, ounces, pounds, or any other units of weight which you may select.

DOUBTFUL.—The side which is least convex must be directed towards the sensitive plate.

FRED.—You certainly would not be justified in selling a person's portrait without his permission, provided that the portrait was the result of an ordinary sitting; but the idea of anybody vetoing the sale of an ordinary street view because he figures therein is altogether absurd.

TRY AGAIN.—1. Those most used are the ammonium, potassium, and cadmium salts. The former is much more subject to change than the latter. 2. To discuss the subject at all profitably would require more space than we can afford here.

A SUBSCRIBER.—There are many patents bearing on the subject, and it would be impracticable to quote from them all. You will, however, have no difficulty in procuring a specification of that patent in which you propose to take an interest; but those proposing to deal should furnish you with a copy.

ONE IN A FIX.—The gelatine you use is either far too soluble, or you have deteriorated it by the long-continued action of heat. Try Coignet's gold label gelatine. Your difficulty may also be met by the adoption of Captain Abney's method of coating the plates with plain collodion before developing.

H. L. STEVENS.—A saturated solution is usually adopted for the work, but a mixture three parts of a saturated solution with one part of water answers equally well, and there is no fear of crystallization taking place in cold weather.

R. T. GLASGOW.—We are unable to give you the information you desire, but have but little doubt that you will be able to obtain every information from those interested in the matter. You might learn something by reading the specification of any patents on which the undertaking may be based: doubtless you will find reference to these in the detailed prospectus.