jerks soon ceased, and the dog apparently recovered, his master carrying him away. I never heard anything more of the dog, but this fact seems to point to anemia of the brain as its probable cause, and that the gravitation of the blood to the brain brought about the cure.

WHAT ENTITLES A PUBLIC VACCINATOR TO A GRANT?

MEMBER will find the whole subject discussed in the instructions which were sent him on his appointment. Provided the reports of the inspectors are favourable, awards are made where duly approved contracts are in force, where the vaccinator has complied with the requirements of the statutes, regulations, and the contract, and where the results of the vaccination are up to a certain standard of merit, and providing the vaccination has held his office for at least one year, and is actually in office at the time of the inspection.

CHARGE OF WEAK-MINDED PERSONS.

INQUIRER.—Any person can take charge of one weak-minded girl without a licence, and, provided she be below the age of 16, without order or certificates are necessary, as in the case of lunatics; and where two such people are received, a licence is required.

J. S. F. says. "A Member of S. W. Branch" will find Winter Resorts on the Riviera, by C. B. Black (Stanford, Charing Cross), 1884 edition, a cheap and reliable handbook for the Riviera.

Suppositionies with Soap.

PES writes, in reference to "A Country Surgeon's" query (Journal, February 20th) the following suggestion, which he has found very successful. Carefully weigh the extract of nux vonices, and take a note of the weight. Dry over a sand or water-bath, using a gentle heat, and then reduce to fine powder. Take the quantity of extract in powder required for the suppositories (allowing for the loss of moisture), mix with the soap, heat gently, and pour into the mould in the usual way. The evaporation should be carried on slowly, or the extract will be spoilt. A sand of water-bath is better than the application of the flame of a spirit-lamp to the evaporating dish, because by this means the extract will be secreted. It must also be remembered that the dry extract is relatively stronger than the moist, hence the care required in weighing, and allowing for the loss of moisture.

CLIMATE AT INDIANAPOLIS

CLIMATE AT INDIANAPOLIS.

In reply to Mr. David J. Browne, Dr. Louis Lewis (Philadelphia) writes that he has ascertained from Dr. C. Taylor, who has practised in Indianapolis, that the climate of that city is neither prejudicial nor conspicuously advantageous to consumptives. People die there, as almost everywhere, of tuberculosis. Sudden changes of temperature not unfrequently occur, but they are seldom extreme. On the whole, the climate may be considered a very wholesome one; but for consumptives, or those with a tuberculous tendency, it cannot be compared with those sections of the United States celebrated for climatic advantages.

## NOTES, LETTERS, ETC.

## LEAD-POISONING AT SHEFFIELD.

A REPORT has been furnished to the Health Committee of the borough of Sheffield by Dr. Sinclair White, the medical officer of health, of investigations made by him consequent upon the report of several cases of chronic lead-poisoning, for which there was no apparent cause. He finds that the cases have all occurred in the higher districts of the town, which are supplied from reservoirs that collect water from the moorlands at Redmires, and that this water contains a certain amount of free acid, attributable to the oxidation of iron pyrites, or to the decomposition of vegetable peat or heath. Water drawn from the street-pipes, which are of iron, was found free from lead; but after passing through the lead service-pipes to houses, traces of lead were found in some instances to the extent of seven-tenths of a grain per gallon, and this was undoubtedly attributable to the action of the acid upon the lead pipes. One-tenth of a grain per gallon is considered dangerous to human health. Dr. Sinclair White has found that contact with Derbyshire limestone removes the acid from the water, and suggests that broken limestone should be placed in the conduits bringing the water to the town.

Shoke Abatement.

If Mr. Pridgin Teale will refer to the Engineer of February 12th, he will find some criticisms on his "economiser," which will enlighten him as to the value of his invention, and the benefits that are likely to accrue from the use of it.

ERATA.—In the JOURNAL of February 27th, page 392, col. 2, line 25 from bottom, for "dextrigyrate" read "dextro-gyrate."—In the JOURNAL for March 18th, page 485, column 1, line 16 from bottom, for "tested" read "tasted."—In the second line of the notice of "Hobson's Spruce Beer," page 503, column 2, for "Lees" read "Leeds."

COMMUNICATIONS, LETTERS, etc., have been received from:

Mr. A. Arthur Napper, Cranleigh; The Director-General of the Medical Department of the Navy; The Secretary of the National Hospital for the Paralysed and Epileptic; Dr. Edwards, Philadelphia; Mr. F. Cresswell, Winchmore Hill; Dr. A. M. McAldowie, Stoke-on-Trent; J. W. A.; Dr. W. H. Dobie, Chester; The Secretary of the Parkes Museum; Mr. H. J. Amphlett, London; Mr. E. White Wallis, London; Mr. R. N. Hartley, Leeds; Mr. J. F. Pink, London; Mr. T. Wilson Aird, London; Mr. A. H. Boys, Pill; Mr. W. Elder, Kirkcaldy; Dr. E. D. Tomlinson, Beverley; Dr. J. O. Adams, London; Dr. Collingridge, Greenwich; Mr. A. W. Mayo Robson, Leeds; Dr. Graily Hewitt, London; Mr. Vesey Fitzgerald, Birmingham; Mr. Walter Pearce, London; Mr. F. H. Moore, Leicester; Dr. A. M. Edge, Manchester; Dr. Markham Skerritt, Clifton; Mr. Cameron, Hendon; Mr. F. W. Passmore, L'enden; Dr. H. Barnes, Carlisle; Our Aberdeen Correspondent; Dr. W. Gallet by, migfa; Mr. A. C. Dixey, Bourton-on-the-Water; Surgeon-Major Evatt,

Woolwich; Mr. J. Edmunds, London; Dr. B. Colthurst, Clifton; Dr. Robb. Glasgow; Dr. Dabbs, Shanklin; Dr. R. J. Anderson, Galway; Surgeon-Major N. Alcock, Ballybrack; Mr. W. J. Penny, Clifton; Dr. F. Dals, Scarborough; Dr. Maxwell, Woolwich; Mr. Vincent Jackson, Wolverhampton; Dr. W. A. Duncan, London; Mr. R. H. Lovell, Sydney; Mr. F. P. Maynard, Newcastle. upon-Tyne; Mr. Thomas Partridge, Stroud; Mr. J. H. Mawson, Thornton; Dr. W. Morrison, Ballarat Dr. W. Wilson, Pendiston; Mr. F. Clark, Sevenoaks; Mr. W. Watson Cheyne, London; Mr. N. P. Marsh, Liverpool; Mr. H. C. don; Mr. R. T. Cobbold, Dedham; Mr. C. H. Butlin, Camborne; Mr. F. A. Floyer, London; Mr. H. F. H. Newington, Tiechurst; Mr. J. C. Mackay, St. Columb; Mr. Treves, London; Mr. R. C. Chicken, Nottingham; Dr. W. Philson, Cheltenham; Dr. T. N. Orchard, Pendleton; Mr. Lawson Tait, Birmingham; Dr. Rogers, London; Messrs. Burroughs, Wellcome, and Co., London; Mr. J. Pratt, Markethill; Mr. J. D. Hamilton, Lower Sydenham; Mr. H. Terry, Northampton; Dr. Kelly, Taunton; Dr. Jacob, Leeds; Mr. Edmund Owen, London; Our Dublin Correspondent; Our Paris Correspondent; Dr. J. Henderson, Hutton Buscel; Mr. H. C. Allinson, Lynn; Dr. Sheen, Cardiff; Mr. Verrall, Brighton; Surgeon-Major T. W. Orwin, Exeter; The Right Hon. G. O. Trevelyan, London; Mr. Barker, London; Mr. G. Eastes, London; Dr. R. Lord, London; Mr. A. J. Brodie, Colorado, U.S.A.; Mr. A. E. Maylard, Glasgow; Mr. F. G. Whitham, London; Mr. St. V. Mercier, London; Dr. J. W. Moore, Dublin; Mr. L. Loydon, York; Our Glasgow Correspondent; Mr. J. Davies, Denbigh; Mr. C. W. H. Lindsay, Halifax, Nova Scotia; Dr. C. B. Ball, Dublin; Mr. J. Rankine, Sunderland; Our Edinburgh Correspondent; Dr. Corry, Hoyland-Nether, near Barnsley; Mr. E. H. Armitage, Hulme; Mr. M. G. Biggs, London; Mr. C. A. Lees, London; Dr. Carter, Liverpool; Dr. N. Kerr, London; Mr. Thomson, Ampthill; Mr. H. T. Batchelor, Queenstown, Cape Colony; Mr. Jones, Rotherham; Dr. Tatham, Salford; Mr. Richard Davies, Bath; Surgeon-Major W. L. Gubbins, Allahabad, India; Dr. James Oliver, London; Dr. Campbell, Liverpool; Dr. Dawson Burns, London; Mr. Harold Palmer, Newtown; Mr. F. Vicars, London; Mr. H. T. Stokes, London; Dr. Jardet, London; Dr. Idelson, Berne; Mr. H. Thompson, Hull; Dr. Rose, London; The Honorary Secretary of the Hunterian Society; Dr. H. Dalton, Harrogate; Dr. Styrap, Shrewsbury; Messrs. J. Hobson and Co., Leeds; Dr. E. F. S. Green, South Norwood; Mr. W. A. Ellis, London; Mr. Simeon Snell, Sheffield; Surgeon C. H. Swayne, Bombay; Dr. J. H. Cameron, Toronto; Dr. S. R. Macphail, Carlisle; Mr. W. P. Terry, Winchester; Dr. M. Hay, Aberdeen ; Mr. G. R. Karop, London ; Mr. M. H. Miller, Leek ; Mr. T. D. Paradise, Leigh; Dr. D. Monte, London; Dr. R. Liveing, London; Brigade-Surgeon E. Bonavia, Etawah, N.W.P., India; etc.

## BOOKS, ETC., RECEIVED.

- A Practical Treatise on the Sputum; with special reference to the Diagnosis, Prognosis, and Therapeusis of Diseases of the Throat and Lungs. Ry G. H. Mackenzie, M.D. London and Edinburgh: W. and A. K. Johnston. 1886.
- All But: a Chronicle of Laxenford Life. By Pen Oliver, F.R.C.S. (Illustrated.) London: Kegan, Paul, Trench, and Co. 1886.
- Physiology and Pathology of the Breast. By Charles Creighton. (Illustrated.) London: H. K. Lewis. 1886.
- The Science and Practice of Surgery. With 1,000 Illustrations on Wood. By Frederick James Gant, F.R.C.S. Third Edition. Vols. 1 and 11. London: Baillière, Tindall, and Cox. 1886.
- A Manual of Surgery. In treatises by various authors. (In three volumes.) Balized by Frederick Treves, F.R.C.S. Vols. I, 11, and 111. (Illustrated.) London: Cassell and Go. 1886.
- Mind your Eyes! Advice to the Short-sighted, by their Fellow-Sufferer. By Francisque Sarcey. Translated by R. E. Dudgeon, M.D. London: Bailliere, Tindall, and Cox. 1886.

## SCALE OF CHARGES FOR ADVERTISEMENTS IN THE "BRITISH MEDICAL JOURNAL."

Seven lines and under	••	••	••	••	£0 3 6
Each additional line	••	••	••	••	0 0 4
A whole column	••	••	••	•• •	1 15 0
A page	**	•••			5 0 0

An average line contains eight words.

When a series of insertions of the same advertisement is ordered, a discount is made on the above scale in the following proportions, beyond which no reduction can be allowed.

For 6 insertions, a deduction of			••	••	10 per cent.		
,, 12 or 13	,,	**	••	••	••	20 ,,	
,, 26	**	11	••	••	••	25 ,,	

For these terms, the series must, in each case, be completed within twelve months from

the date of first insertion.

Advertisements should be delivered, addressed to the Manager, at the Office, not Advertisements should be delivered, addressed to the manager, at the Olice, not later than noon on the Wednesday preceding publication; and, if not paid for at the time, should be accompanied by a reference.

Post-Office Orders should be made payable to the British Medical Association, at the West Central Post-Office, High Holborn. Small amounts may be paid in