PROCEEDINGS OF THE MUSICAL ASSOCIATION

Musical Association (Great Britain) THIS BUCK IS FUR USE



MUSIC LIBRARY



PROCEEDINGS

MUSICAL ASSOCIATION

FOR THE INVESTIGATION AND DISCUSSION OF SUBJECTS CONNECTED WITH THE ART AND SCIENCE OF MUSIC.

.

FOUNDED MAY 29, 1874.

Sixtel Steaton, 1879-80.

LOWIN

STANLES LOCAL, WESTER, & CO., S., MAN MAN MINES, M.

DE 7 - 93

Ano 30, 12.2 (6),

CONTENTS.

Design, and National of the Assessment	,
Deposit on the Country	
BETSON ANNOUNCES FOR STOP SE	
On the Mechanism or the House Vocal". By East Season,	
Eng. (This paper was illustrated by a large working model of the Largest	
. * On a More or Prosective Contractor Natus Stock Execu-	
CORA DE R. H. N. SERVICIONE, Sen. M.A.	
On REACTY OF THOSE AND TOWN!" By A. GREAMOR STEEN, Eng.	
On Manual, Materials , were Especial Especially by De. Es.	

PRESENTATION OF PRESENCE CASES. TO CO. A. CALLERY, E.S.,

"On: Horse cas a Presentation in Demons," E.S. C. E. Statuers,
Etc., Plot. Note Annie De Conson, Brita.

"On rea Lesson, Demons," Ey. G. A. Narrowers, Etc., MileDoc. Carrier, Proc. Nice Castron, Ec.

The Authors of the respective Papers are alone responsible for the aphalous expressed in them, as well as for the corrections of the Westerselans.

RILLES AND REGULATIONS

Passed at Three Special General Meetings of the Members, hold at 27, Harley Street, W., on February 7 and April 3, 1876, and on Tenners 6, 1870.

Tais Association in celled the "Meanus Association," and a formed by the investigation and decession of subjects consected with the Art, Science, and History of Money; and in intended to be similar in its organisation to existing Learned Societies.

It is not intended that the Association shall give content or undertake any publications other than those of their ow Propadities, or the Proces and at their Meetings.

MENTERS The Association shall consist of cructical and theoretical

This consistency has been been researched have been directly to the exercise of accounting to the exercise of accounting the three been directly to the exercise of accounting the three properties of the art, or other hard properties desirons of being admitted into the Association reset the proposal by two members.

Elections will lake a face by builty of the recerbers revent at

any of the ordinary meetings, and one adverse vote in four that carbots.

No newly elected member shall be entitled to attend the

SCRIPTION.

The annual subcription to the Association in one games, which shall become due on the sit of November in each year. Any member way, upon or at any time after election, become a life member of the Association by payment of a corresponding of \$p\$ 100. In the of feture, meand subscriptions, but in addition to any service absorption composity under or de-

proper.

from such member. Such same shall from time to five to invested in legal security in the names of Yestites, to be appointed by the Countil. Should members dealed to withfrow fore the Associance, they should give notice to the Hon. See, on or before the yield

An ordinary morting shall be held on the first Monday in every month, from November to June inclusive, at g x.m. when, after the despotch of ordenry business, Popers will be read and discussed.

reed and discussed.

An assual pentral meeting of members only shall be held at 4 m.m. on the last Menday in October, to receive and deliberate as the Report of the Control, and as elect the Control and officers for the entaring year.

Special general mempeys may be assumpted whenever the

comment may continue in nocessary, and may shall be it will intens bound to do so on encorring a requirition in writing from the mendum, specifying the native of the bestiman 20 be transmented. At least one week in motion of such special meeting posterior is may general meeting shall constitute a operarm. Every meeting that had have the privilege of increasing one visities at the confinery meetings, on welting the name in a book provided for that puppose, or welfing a weater confiner.

Pupers proposed to be read at the meetings may treat of any sobject connected with the Art, Science, or History of Music, Accession, and other kindsel subjects.

Pupers will be received from or through any member of the

Experiments and performance may be installed, when install to the illustration of the Paper read, associated by property of the Association (adhers there that have been supperty on association (adhers there that have been supperty on association (adhers there that have been supperty on association of the continuity), and the Council may codifish the range in zer war and at one time they may think

organize.

A Report of the Proteedings of the Association, including the Papers and or alternate of the same, and abstracts of the Discussions, shall be presented and distributed to the merchan as soon as possible other the end of each sensor. This Report will be arranged and offend by the Henorary COUNCIL AND OFFICERS

The management of the affairs of the Association shall be vested in a Council, to be elected by ballet at the general

meeting of the members on the last Monday in October,
The Councel whell counse of a President, Vice-Presidents,
and sen ordinary members of the Association.

and an administ monthers of the Association.

The Honorary Secretary of the Association shall be an officion on referrary member of Conord.

The Proposest Vice-Providents Andrews and for conference

The promotest, Vice-Presidents, Auditors, and five colleany members of the Connol shall retire every year, but shall be eligible for re-lective.

At the several greenil meeting in October, the Council shall

on the accurate present moting in October, the Council shall general to beliefing list, showing the names of the persons whom they propose for the offices of President, Vice Presidents, and ordinary members of Council for the centricy part. A copy of this list shall be given to each member spresent.

as vering, each number rang crass any same or names from the beliefing in it, and may withinful the ment or masse of any other parases or parases whom he considers singlels for a soliospective office, by the member of masses on the ball, after such seasons or substitution, most my exceed the number to be closed to the supercive offices as show commercial. These closes are supercived offices as show commercial. These The Charmens of the mesting shall cause the balleting payer be collected, and sider freely shall cause the balleting payer.

are consistent of the message must cause to halfering propries to be collected, and the they have four accounted by hereal reports to the rescription of the collected, and the they have four accounted by hereal report to the meeting the resell of nock countrivies, and shall have destroy the halfering papers. Accounter shall be appointed to the property of the property of the property of the property of the collected papers and be persisted by them in the Secretary as it must be adverted to judge of the prospects of the Association, and to the collected papers of the property of the collected papers of the Association, and to the property of the property of the Association of the Associati

and council and officers shall meet as often as the business of the Association may require, and at every meeting three members of Council shall constitute a quorum.

No rules and regulation on he enected, altered, or rescripted, entert at a special position of numbers assumed for

scretced, except at a special mosting of numbers surmeted for the express purpose, the surmetes stating distinctly and fully the metter to be brought under consideration.

MUSICAL ASSOCIATION

FOR THE INVESTIGATION AND DISCUSSION OF SUBJECTS CONNECTED WITH THE ART AND SCIENCE OF MUSIC.

FOUNDED MAY 10, 1874

PRESIDENT.

DURANT, The Sen Sr PRESENCE A GARA Sent M.A. May Doc Owne.

COMPTELL, WILLIAM, Exp. FSA

Construct, William, 184, F.S.A.
Buchtsensky, Over, Reg.
Gurer, Guner, Eng., D.C.L.
Buchtsensky, Eng., L.D., Hen Men And St. Cords. Rose
Marzanne, Grack Authorities, Reg., Bloc. Day, Carris), Frof. NonCantle, Frency of the Royal Anticopy of Mass.

Coulde, Frencys on the copys descent on mann, owners, Occasion, Automore, 30, 25 Mer. Den. George. George Automore, 32 Mer. Den. George. George Georg

CHOINGING SERVICES, M.A. FR.C.F.
CYPRAIN, JOHN, Eng. P.E.S., LL.D., Ac., &c.
ORDINARY MEMPRES OF COUNC.

Noon, Seem. Ec., Mrs. Soc. Guon. (See Sec.) Misseaux. For. Traines. M. Moor. W. H., Esc. Poel. Eingly Coll. Personnessour. A. H. D., Eng. Mrs. Poort, E., Lin, S.A. Stormer, C. Carlette, Revenue. Soc., Hop. E.A.M.

TREASURER

STANLEY LAVAS, Esq., Sq., New Board Stones, W.

AUGITORIS.

ADMITONS.
WILLIAM S. COLLAND, Tag.
CANADA MACROSIN, Edg., 78.8.
HONORARY SECRETARY.

F.E.S., Probasor Single College monter, Henry Charles, Enq. Fool St.A.M. Edding, The Rev J. D D, Frendent
Re. John Coll. Once.
Deschot, Se John Kost.
Deschot Se John Kost.

Bruge, Francisco, Let H. S. Ser, S. S. Ser, S. S. Ser, S. Ser,

Bradeparts, K. J., Reg. Brades, J. Pott, J. Ley, Mon. Doc. Catholics, Con., Res., (Nix-Post-Berger), Potts and Catholics, Con., Res., (Nix-Post-Berger), Posts, C. Spiller, Chelen. Box. Outs., Organic Chelen. Brooklows, jub., Eug. Eventhors, j. Post., Branch. Leones, J. F. St., St. M. A. St. Martine, J., Posts, Revands, Leones, J. Posts, Potts and J. Potts, J. Con., Con. Posts, J. Con., Con., Posts, Potts, Potts,

Developed, Jam. E., Sep. 5, 186. S. Peter S. Pet

Clove, R. J., Law, Hou. East, Chattable, Cargainst Ryon Gladests.

Cargainst John Gladests.

Carrent, J. E., Ers, J. L., Law, J. Law, Danner, H. C., Eller, J. Law, J.

SHEDWARD C. A. CHARLES C. SERVER AREASTON TO DEED AMOUNT OF THE CONTROL OF THE CO

State, Waters, Edg., EAA, State, Dec., Conc., (Fine State), State, State, Conc., (Fine State), Edg., E

Ouce , FRAS. Organic York Nonk, W. H., Den., Prof. Kong's Coll. Meuril, F. S., Esq. Socurity, W. J., Esq. Oxform, George Meson, Drs. (Play

Ondey, Edward J. Esq. Oundey, The Rev. Sa Frank A. Gore Bart, M. A., Mar Doc Oxon , Fool Percent, Walter, Esq., Max. Ber Owne.

Postgry, Victor De, Esq.

Eurologis, Albono, Log. Sanlengh, Lord, M.A., Fill. 5 Handes, Alfart, Esp., Ourselet, of

Salaman, Charles E., Esp., Hen. Men. Arad. St. Crecks, Error (Vier Passider) Sargood, Mr. Secreta

Sergion, M. & M. Dec. Sergion, W. & M. Dec. Seath, H. Antiron, Dec. Seath, Horman, Rep. South, Horman, Rep. Southgree, Trionan Les, Zep. Southgreek, Wildom, Res. M.A. Southgreek, Wildom, Res.

Stoner, John, Etc., M.A., Max. Dor. Ouce , One St. Profit Certification, Box. R.A.M. [PlacePersisten] Sandard, C. Wilson, Eug., M.A., Organist Trendy College, Camb Stellars, The Rev. Wm., R.A., Nov. Doc Durban. Street, A. Cylando, Sec. Score, Dr W. H. NA. PROP

bullives, Arthur S., Esq., Nos. Doc. Strongers, S. Lea, Etc., Topics, Sedley, Esq., M A , Tree, Coll.

Tenners, Ches. R., Esq. Thomas, J. Esq. C. M.A. Tro-Tuckey, Mrs Marwood Disc. P.S.S.

William The Bey, H. Aston, M.A. Ovel Out Gen Want, Man. Ward, H. Esq. West, W. Enq. M A. West, Mrs F Meatines

FIFTH SESSION, 1878-79.

The America General Members of the Munical Association was held at No. 29, Harley Street, Cavendish Square, on Monday, October 27, 1879.

Monday, October sy, 1899.

In vist Crass...G. A. OSBORNE. Eso., Vice-Paramourt.

THE LOTTOWISH

REPORT OF THE COUNCIL

In accordance with the vales of the Musical Association, the Concreti presents to the Momther its Aereal Rapper of the Fifth and more past Sension. During its course the sweat areas of aget mortely associated has been held, people have been read, and concretationstons made on veryous subjects to the concretation of the concretation of the contraction of the contraction.

First Having—Modely, Normber e, this. Pages by British British

31 2 1

EN Municy of the Annual Greenel Norting of Members.

Strik Heating.—Monday, Agest y., Paper by C. G. Swanders, Eng., "On Sward in Editine to Briddings." Serveth Membry.—Monday, May y. Paper by W. Spottiswoods, Eng., M.A., P.R.S., J.J.D., &c., "On Bears and Combination Treas."

Combination Tones."

Eights Meather.—Monday, June 2. Paper by C. E. Suphens,
Eng., Hon. R.A.M., "On Form in Musical Composition."

Eng., Hon. K.A.M., "On Form in Musical Composition."
The attendance at these Monthly Meetings has been generally good, and much interest has been displayed in each of the reversal busine attendanced and discussed.

The Cornell, in connection with the subject of the attendance at the mantage, factors to social Manheer—Courted Members appendity—of being printers of introducing a found at each meeting, either by witten order as personally. The fifth values of the Proceedings of the Mantall Associa-

tion (which has been forwarded to very Member) contains a most visualisate distinct to current resided Haustrian and knowledge, and is in tested in employinfoliation at the hopes and the hopes and is in the contained of the hopes and portion and achievable give make the offen whose demonstrates reasonable a hear any beauting on the Jost, fillings, or limiting of manifest have store and tesped of the brained Americans seem which the existence and tesped of the brained Americans seem which forwards and desires to cranical from of the risk that any any and the store of the contained from the contained and any any and the store of the contained and the contained and any any any and the contained from the contained and the major that the special of the Contained the contained and the any and the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contained and the contained and the store of the contained and the contai

On January 6, 1879, in accordance with a duly signed requirities, a Special General Meeting was held, and the following additions to the Rules were mide. —

(4) Any Member may, spon or at any time after distinct, become a Leb Studies of the Americania, by promote at a composition of the Committee of the Americania, by promote at a composition and the committee of the Committee of the Committee of the forms made Member. Such some shall been tree as upon be revealed in legal recovery, in the anama of Taxanian, in the opposited by the Comput.
(6) The Discovery Security shall be as applied as enchancy number

The Balance Sheet, duly and ted, has on the table for respec-

The Council congratalance the Mambers on the fact of the year's expenses having been so kept writes the year's recome, by the pensected of rigid consensy, that the behaves with which the year legan has been consideredly recreased. A sum of Twenty Councils, sectioned for two Life Scherepinen, has been Minutes of the Assual General Meeting of Monders. XV

The stretise of Merchen is early solids to the inconvenions that results from inagative in the agreement of 8thsemptons. At the beganning of each Steamen the Cossol has to underside currant necessary shouldness, a good fact that the Amend Subscriptons will be promptly past, which, however, Merchen Singel (as some new past to do) this measury data, the the consistence of the Colicion Succession in appreciable though the object of the control of the contr

though perhaps unavoidable expenditure of its fands.

The Council, which realing this Raport of the past Sension, and aurmaliaring its trust into the hands of the Members, field happy in the prospect of the coming one, which gives promise of much softens.

SESSIONAL ARRANGEMENTS

SIXTH SESSION, 1800-1880.

First Medius,-Monday, November 1, 1870.

Paper by Esex. Berrett, Esq., "On the Mechanism of the Herney Voice." (Historical by a large working

Street (1) "

Second Meeting ... Manday Throughur t Papers by R. H. M. Bossequer, Esq., M.A. (1) "On a tors," (a) "On scent Experiments with a Revolving

Third Mostor, -- Monday, Innuary 4, 1880. Paper by A. OLLANDO STIRM, Eug., "On Bennty of Touch and Time."

Frank Morrisg.-Monday, February 2,

Paper by EUSTAGE J. BREAKSPRANK, Esq., "On Muncal Esthetite; with especial reference to Dr. Ed. Hanshek's easily, 'Vora musikalisch-Schooen.' Fifth Morray-Monday March -

Paper by D. J. BLESKLEY, Ecq., "On Quality of Tone in Wind Instruments."

Paper by G. A. Occoper, Eur., "On Chage,"

Searath Meeting .-- Monday, May 2.

Paner by C. K. Salaman, Esq., Hon. Morn. Acad. St. Cooffis, Rome, "On Music as a Preferance."

Paper by G. A. Mucramana, Enq., Max. Doc. Contab., &c., "On the Lyrical Donne."

W. R. CUMMINGS, Esq., In the Cours.

THE MECHANISM OF THE HUMAN POICE.

By Part. Bernore, Roy.

The subject with which I have to deal this excellent is a vercomplicated one, and the time at my disposal is very since of inthat I can, at the lest, gone you but a kind outline of inwell, therefore, not lose a manute upon any preliminary remarks but proceed at goos with my paper.

but proceed at once with my paper.

Mr. Lonnor Bowen, with whose name you are all familiar,
has just translated and edited a French book explanatory of an
advantable. Acts of the Thous, "Soc. by Dr. Withowska, from
which I quote the following passage or
high I would be seen as the contract of the Thouse,"

held if intermed the result agreementable in when this is congerned to the congruent to the configuration of the c

instructors than is vary that. Due view to comparate to provide the inclination consequences, it is found to break own, and we cannot sent the conclusion that the vocal control of the legislation consequences, it is found to break own, and we cannot sent the conclusion that the vocal control of the legislation of the range we survey at the western of the British Market of the strategy of the legislation of th

THE WINDSTEE. THE VOICE-BOX, or LARSES, and THE RESONATOR, represented by the upper part

the mouth and the nose.

The Leves are inclosed in the about. They counse of two bodies which resemble the shape of a sugar-local emmodest. Surpassed and believed out at the latters. They are connected to the country of the latters.

numered and hotered out at the bottom. They are connected only by muna of the windspipe.

The Course is an eartight chamber formed by the spine laboral, twelve the out either safe, the bosse-bose in front, the root of the next at the twent the wind for discharge.

at the better.

The Microser, or Duaranam, is a movable muncular partition, reparating the large frees the abbottom. In a more of rest 8 is according to the factors by contraction, thus instead

uses, oppurency are usery aren the ablocate. In a story of our it is arrived up to it is flatten by countries, this issuesaing the capacity of the one of the expense of the talderon. The Pravatise or vita Lesdo, as receptive, known, is referred to the capacity of the considered from a mechanical forms a chemical point of view. Here we are rely concerned to the constraint of the contraction of the contraction of the contraction of the order of the contraction of the tallership clear rides of this subject by exempting the larger of audit while the very market as those of a man. We see the

conserved and the second of th

ner. Ner by direct x, deep letech we pooled part the sease mark space were being as one doly plooning that sease mark space were being as one doly plooning the typic pain the windpies, and by releasing the beauth we see, and were the sease of the and experience. Integration may be corred as in these the sease of the sease of the sease of the sease of the pain painting of the sease of the sease of the painting of the sease of the sease of the sease of the painting of the sease of the sease of the sease of the painting of the sease of the sease of the sease of the painting of the sease of the sease of the sease of the painting of the sease of the sease of the sease of the painting of the sease of the sease of the sease of the painting of the sease of the sease of the sease of the painting of the sease of the sease

one— outweep a seep; on magneties, which if sending and the beathing take place appeller, with the difference however in the two sence, that is mean the modelf takes a larger share as the work than the risk, while is seened as appoint an internal. By way of inflatinging the currons difference of breathing in tree and women, the following assected, which has the recommendation of being mixing true, may perhaps armsen you.

salaines. Scottinis que a moços el "Penais Minimelacidige flamendes. Liebra, "Da Amacion Associacidige flamendes. Liebra, "Da Amacion Associadar, de la companio de la companio de la companio de the echados faultans, and thry some un mais attes, mestige tight-flame generates el a profesio lavel. Two fronds, both one not urre whitely, when Ma. A. remediad that two of the professors were med. Ma. T. 60 fin on est. rese when the characteristic description of the companion of the comtent reasons for his species. "Why," said Mc. A. "Lea it y does to Messario Statement and Maria Comton capacita, which is not the characteristic proving no suspected subvisibility to all the characteristic processors."

reasonance anothering that is more detailed.

In the depth of the dept

great issues, which soon phoblete inharation.

The Weters in the channel through which he are a carried, the sale is carried to the sale is the sale is carried to the sale is carried to the sale is the sale is carried to the sale is carried with a movemen membrane which as the same unplace, in contrastily tough it is moved.

Ther Voccomon, or Larroce, is a kind of famile here with a triangular shape. It is also known as the "Adom's Agola," and may be fail in the threat at the key of the weightigs. The framework of the wine too continue of the part—creating pipe. The framework of the wine too continue of the part—creating pipe. The framework of the wine too continue of the part—creating pipe. The proposition of the wine to continue of the part of the part

has the shape of an eld-fashamed signet ring, the narrow part The Sames Carry and is no named because it affects nonterrine to the more delicate note of the vocal apparatus, the real tone-producing element, which it contains. The shield consists of two plates, such of which has two horse. With You see here the rine-shield meadles, which so from the rine-

to the skield, and which have the effect of drawing, by their Tax Lip is a ficulde cartilage which allows stiell to be deven over the voice-bax in the act of spulloware, do,, thus, closing at, and preventing food or any other factors substances from getting into it. I will now remove one of the places of

the shield cortlage, as though cutting it off with a knife. Dis enables were to are the remaining two cartifaces....the

The Principle are two principals little bodies which are perched area the highest part of the beefer of the ring combine and which are careful of home mount in deferrer directions with most summains freedom and ramidly. ery dozen eaver from each other by the burk sign pyrantic mancies, and framen's each other by the side-rise personal

massics, assisted by the pyramid muscle.

beane, attached in front to the shield cartillary and behind to the percents. They are conceenly called the yous court, but this term implies strings, like those for instance of the violia, The word limments, however, are free only at their inner edren. The designature of youth cords is, therefore, calculated to create a totally false of ea, and I think the sooner its use it discustored the better. The attents of air passing between secular ways. In this suggester and in this suggest alone in recal tone produced, whether at he called chest, felacity, head, or my alter name. There are still come who teach different

We have now soon that the vocal ligaments are stretched from the front of the shirld screen to the pyramids, and that these are attached to the upper border of the mag. You also removed that the should remove upon the year as on a trace, thereby appropriately the should comblere and the river contains, due reads in that the word ligaroness are print as the reads. The reads in many the case was evident model, the reads in many the case was evident model. The strending, this, if the recollappears by whether models are ready to be read legislated by which is a strending or down my shelf in many cases. These we appear to the casterdard or down my shelf in many cases, which can provide the casterdard or down my shelf in many cases, which can provide the casterdard or for my cheld it contains, better than the case of the many cheld in reading down the Table of the case of the case of the many cheld in reading down the Table case of the case

We have then seen that these two pairs of restricts, naturally, the sing-shield respote and the shreld-pressibl muscles, by stretching, shield-responsible two such laparesent, mainly govern the pitch of the tenso professed by their witherition. In a sinte of reposit, showers, the votal Expenses diverge behind, and they must be brought parallel to each other beliefs they are mainly of the gradual to be conbiden they are mainly for the graduality of some

some or are pyrmide, with the vocal liquidizent attached in their. These seems the finest task receipt belond, as that the proc. The term of the process of the process of the proc. The term of the term of the process of the process process of the word, however, is tongous, or tongoughtes, and it signifies the wholesay clement on the word-look. It is the condition of the process of the process of the same body wong and conditing, therefore, to rains tend of the same study wong and conditing, therefore, to rains tend of the same study wong and conditing, therefore, to rains tend of the same distinguished as the shield of the gleets, or the send sline, I nay immitte the action of the look-of-ing pyramid muscles,

distinguished as the shift of the clean, or the south sheel. I now irrants the soliton of the local top promised reaches. I never irrants to extend on the local top promised reaches. I never irrants to be not before the clean of the clean

The Markeston of the Hamon No.

The Power Leasurers are two folds of moneys membrane, shelly filled with glands, which me above and period with the vessel liquinests, which they are intended to prince. They also feem a part of the reconstant experients, but they have also feem a part of the reconstant experients, but they have also feem to meet of the contract and the scott feet of the contract as which are formed by the spaces between the vessel ligatement and the powder Liquinests.

The Nozera of the wore best for two cardits, the estimates switch as faced by the spale above the weel layerange when it is swell interest as well as the property of the spale and the spale and the spale are spale of small glands. They are the means of laisting and without heldrate. They are the means of laisting and without heldrates. They also serve to keep the wood legislation applied with that matters without which these figurations applied with that matters without which the part of the symptonic and the figuration applied with the matters without which the part of the symptonic and the life, and to give a fine of more and the symptonic and the life, and to lyou a fold of more are the spale and the symptonic and the life, and to lyou a fold of more and the symptonic and the life, and the life of the spale and the symptonic and the life, and the life of the spale and the symptonic and the life, and the spale and the symptonic and the life of the spale and the symptonic and the life of the spale and the symptonic and the life of the spale and the

part of the synemists and the full curried by two fields of macross membrane. This toke, toperhase with the species; just meanment, in this first, part of the resonant, the manalleigh part of which are Time Baseron, Dec Garrenzo even in Mose, but I make married. The first part of which a decouplest, the I make married. The first Parties. This is no recovely authority, by means of which other the none or the meeth may be completely appropriate form the threat. The sy persons have may also of the

independing that it plays in conditioning. It is short in the importance of it plays one constant, that it returns the plays of the least and the plays of the least and fighted for y the reterminant worsh have y, we not call fighted for y the present of the plays of the plays of the least and the plays of the plays

being that he case the topper time of the Mr. Mr. Gerrits, as you know, tellinedly succeeded where at this productures in the first time to the telline time the time to the time to the constant of the through compose, and is trans will time as long as which has been turned to upleadly account by the medical profession. The farrageopore in the simplent form is necking but a result occasion named fined to a piece of wire, each as I now

1011

by the moistner of the horath, and then introduce it into a person's threat, allowing the steps of the same to fill upon it, the child with the first particular than the control of the c

Now, below from a possion, treat, we not he wend to be proposed to the propose

these stations part, his issues after of which are observed by the state and the format, and had a new the state and the format, and had a new the state and the state and

inconvenience, however elight, the rough most obviously be a failure. Me may more, I am propured to demonstrate the disch and the first registers in my seen through said in my mer that no one not welltally blood will darry their actionous.

So far then I do not apprehend my differely. But bithers: I have only update of the chaif segerates of the learner wice. We know, however, that there are, besting these, advantages and I will confess at once that I do not think they can be estimatedly demonstrated with the havenessees. As all

satisfacterity demonstrated with the layreposcope. At all of except the differences are no entendingly ristage on as as be capable of being different fearers of the difference of the capable of being different fearers and I do not then, therefore, that much importance can be attached to them.

The difference of the difference of the doctrion which as stated by the difference of the doctrion which as stated in cases. But the foreign order is single to the doctrion which as stated in cases. But the foreign order is single to the doctrion which as stated in cases.

the ratio resion as ourse begar. This is the proposed to be beyognouse to be a maintain. Lorsing subdivisions one of consideration, the male wose has but two explaints, the shad of the blast with the framely come has brine apparture, the shad of the blast with the framely come has brine apparture, the control of the shad of the

the rotes from the second of the second one colone leaver or near them in transact."

DISCUSSION. The Rev. Txon. Hexworx saled if the same negarity with record to the years negarity with record to the years negative to a law.

region to the theory or the same as the same and the spoperacity of entaining the head time on the case of a loy in Refer. The same and then we saw. He had sad the appearacity of entaining the head time in the case of a loy in Refer. The Manders Lious Constructions of regions dwarf was the entaining of the boards being solven up by the "Referentiation," which could be a second of the same and the same and

three different fiscles of breathing, be said at read to easily power, by the said of the approximate, that by conveniencing the said fifty you got much some as in the langer than by elevating the tay of the clear. He found that by excentating the widelf and expanding the clear of the clear of the convenience of the widelf of any as shown by the call of the approximate, whilst by excluding the said of the approximate, whilst by excluding how the contract of the convenience of the con

by considering the shape of the lungs. point of view. Until recently it was rather a regreech to the discourse of the mode in which records notes were nonphysiologist to have treated this solitest in a clearer manner than had been done by Herr Behning, and he might say that the cely points upon which he should differ from him were so small that they would reak to difference to the teachers of a world. remarks about respiration, although purious he suight out of in cather a fillerest from The discharge radial Asses the against the winderer, and this encouraged resommers effect would result in decrease of resources power, and conperfectly true also, as Herr Behnke had mated, that the exsecond of all received trees law in the wood coods. Newes, theless, it must not be supposed that all other easts of the of the larvest had no other purpose but to secrete manual. And the norms of consenting for melions ; non-could be some ance that what he termed the "pocket bands" were entirely

latice, to which Herr Behels had so kindly drawn attention, he mentioned the fact that Dr. Jeleufly, of Peath, is a case where a ratifest had lost the yout cords, was able by epleanmen to stimulate the false vocal cords or societ bonds. and to make them take on the action of the worst cords, so that the patient altimed a vary fair speaking voice. He thought they should be excelled in changing names, and was not quite cords," might not with advanture have retained that pages. or be terred " supplemental vocal cords," However, the fact remained that between these two worst bands there was a the exactes. It consists had not exetting to do so the anwary production of reargal tone, in that Mr. Browns fully agreed with the author; but it might well assist in modifying its quality. As was well known, the soft pakete, by abscration of teamer, creatly modified the quality of certain notes. Thus task crate a different position in searche a low cope. Was it not possible that the soft calute did assert to alterations of rile's so well as of easily? Herr Behale had illustrated the difference between the male and the formals using. To some extent, however, it appeared to him that the difference was due to difference of size. The vocal conts of the female were considerably shorter than those of the male, as were those of the right than these of the adult; and of course the shorter the cord the higher the note. Mr. Bowen concluded with a few remarks on the relation of the different curacities of

thest, and of more and quality of weign apprefers to the Mr. Strate was agreewed astocished that Herr Beholes did not attribute more importance to the false wocal cords and the parkets. His front Mr. Lose, had for many years called amortion to their importance in connection with week, ration, and he was every his views were not more which known. No doubt there was a difference between the right and wrong production of tune, and it was important that teachers should be able to describe to their serile how to eroduce the melo tone. It was report different to employ what wert on made the threat to pupils who were accommend with physiciony; but the theory of Mr. Lune, based on the observations of Dr. Wyllie, was that, in order to produce tons rightly the westricks of the larger man be fally tellared catching the hough. Consessats were reserably looked upon an surrely obstructures to sound. If you doesd your lare firmly and hirw against them, the more strongly you blew the sound of # was produced. If the tils of the tonesse were out against the palate you also produced on explosive, the gound of 5, and fasther back the & sound. If the obstruction were put still farther back, the lips of the false vocal coefe were favored to except in the throat and cut off the remarked by of breath coming through. The weathirles then became fully inflated. of breath to course you produced the alight sound generally called the shock of the glottie, which was conductive to the his teachers very much simplified, for whereas before he found it very difficult to make pupils understand the way in which to produce a satisfactory tone, since he had known this he had had an difficulty except one of time, in obtaining from all candidates a solerably ened tone. He did not believe all had approvable votess of only the tone were produced rightly, and thut, if the right method were followed, there amateur sincers. He had a communication showing that tree years ago a very distinguished physicianist, Galon, was nearly so well apparented with the action of those ventroles. as Dr. Wellie hamself, as was shown in an article in the Ombodes for the award recest, by Mr. Lann in which be on this matter hinged the runar of the larvers in the throat and the forward production of voice. Madame Sullar attrilarvex is the threat consequent upon inflation of the ventricles. When the larves rose the rise cartilage rose more excellemone was attained a more forward production of what he called the raw material of sound. Occurate speaking, in triving voice this new meterial was not sufficiently occsidered; but he thought it was a moutake to teach the exerof the voice was properly developed. He thought physicection of those ventraces in voice production, and should experiment upon themselves to see whether, by careful aftentaree, clearer, and more emparable around did not recall. in the manner called the metriff and pil- breathing. He also The Heckmann of the Human Veice.

The Coursesy said he did not think either Herr Behales or Mr. Leaves Browne was cults corner in all they had studed as men. The latter could underdreefly eine without elementer breathing at all, and those who used that method concentred a sweat fault. but he was quite certain that with the female from the madriff but she was also oblived to use the elaviories becothers. It cortainly should be done in such a way that the observer naw as little of it so possible, but experience convinced him it was impossible for a female to take a full breath without chargeday bounthing. At the same firm the other breathing west on anythremosts. In fact cond singers used the three methods torother, and by that means they were able to produce long-numbered sounds, and to make the world, and thereby the church of radiopture their voices mysicians that vote time was one thing and engineere snother, and that the two things should be tought sepayately women was one kind of voice and that known to cathedral men another altogether. He liveself had a chest voice, a mised that was accomplished. In conclusion, he berred to propose a careful water of thunks to Herr Belinke for his valuable pager. Mr. LESSON Burewe and he did not differ at all with the

Chairman about breathers, nor he thought flid the author of the moor. The clavicular branthant was an extension, and served that a service result breaths races with the order next act he carried to the sutent of raising the collar-been. If the pupil would set with her same over the back of the chair the collections could not move and it would still be found that a fell and strady tree could be conduced. Clarically breathers occially of the transite and othreir, so common to much of

The Mechanism of the Houses Valve.

Herr Bussess said it would be increasible for him to reciv to

all the observations which had been made, many of which southed mints which he had not greationed in the paper, and had not started any theories, but only teld them what he had seen and what he coak! move. With record to Mr. Lago's theory, an exertioned by Mr. Stood, he discussed with it in fefa. Mr. Lond maintained distinctly that the female votes was rething bet a reproduction of the male an octowe higher. That was not tree and be about disease it to the last. He from," and in that book he proposed to deal with Mr. Lurin's

* Since published-"The Machanism of the Homan Veice." Leader labe Corners and Steen.

W. H. MONK, Esq.,

ON A MODE OF PRODUCING CONTINUOUS NOTES FROM RESONATORS.

Dr. R. H. M. Braussery Eng.

Taxas who were present at the median of Mr. Sportisvender, paper, "On Basta and Construction Tusses," list messors for proceedings of the March and Construction Tusses, "In the discourse of the sportise of

^{*} Elle's "Helmhelm," p. pc.

The first step towards the study of pare prime tones is to produce them sidder pure or an pure an easy be. The apbottle blown by the mouth of an arean once. The sale or onthe combigation. For it is matter of commen knowledge that the note produced by a properly blown bottle as an approxi-fiately pure prime tone. The notes used by these experi-mentry who have certained bottles were resembly createred in this nimple way. I take one and of this tobe in my hand, the other and being attached to the bellows, and hold it in a for the purpose, and I believe some experimentary succeed in fairg the tobes in this way. I have not found this process arrangement adapted abased spaces upon stability-abased used a certain amount of knowing about the thebreat bettle or resonater employed, as well as means of connection it as a correctly long ago. It gives a very far note. It is armedy the fact of an ergon pape slipped into a buttle. I now make them like this one which I hard mont. (See wondoor at the end of this paper.) The hottles could to be an inch and a helf or two inches, at least, across the moeth, so as to receive a cork or bone large enough for the purpose. The largest bottles that can be gut do very well for base notes. For notes their size. Those holes are to be made through the cork-a large one and two small ones. The large one is to revere The two smaller cars recrees two small class takes. One of these can be essed to convenerable with the ear ity means of the apparatus I have devised for the purposs. The other reaches to the bottom of the bottle, and is used for introducing water or removing it, for the purpose of altering the pitch.

while it is littleway is, so to my purpose to assume the form the glass token use of shock more obtained as nich dimension. They are bent ever at right angles jest above the cook, as that indistrubbes they may be conveniently attached to them.

The organ pipes made use of are generally old matel pipes of the olders between two feet and used to be only the contract of the olders between two feet and used for the pipes without myter, the financier and was very form about an initial and a full financier.

mely down below in the Port of the Port of

Applying the additional flower of the transmittent supporting the same flower of the transmittent supporting the trans the flower flower interesting a state concert form them to the master of upon or slopped years from the same flower of the

The first opportunist I shall endances to thorn you in one owind I will also your on openions. It is to discusse the way in which a continuous pers time forms in a closell government of the contract of the

eirunneannes are sometimes unall; and it may happen that there is only a single person within bearing of such a focus. So I must depend upon you all to give some indication if you do have the none.*

These effects not the more marked the present the miscenance of a ream in. We have here use of the advances in the copiaestime of the fact that live orders are no performing warmangspile in buildings possessing great resussance. As not hereing a were length of towhere feet may, if of pure quality, be alread insulfiles interpreted a great part of a room, such as we meet it; the power of foci in which it is concentrated occupying.

It is possible, by making sits of the fact I have just looglyleting you, our jets me select of the overleam of any great rate. The humaning generally have seen that as bless study on a selection of the possible study on the selection of the study one and by loosing at these points, havenedes easily seen and you put have already better than the seen of you way have already desired the harmonic famility require more profest selected that can be obtained as a matring; it as if m as the whole on officiary study. The emphylations introduced by researches are whole, and have been already to the selection of the selection of the second desired to the selection of the selection of the second desired. The selection of the selection of the selection of the sempleshation introduced by researches are worlded, and

soon denrife, Fre i through sweetigation, Sweetin, Isoli, I will have deep vice a greateware. I be not constructed. I will not show you continued to be not constructed. I will not show you continued to the continued of the channel of confession of the channel of confession of the continued of t

"The round appeared to be uninemally heard. It was not possible in a memorit to get the sudence to distinguish between planes where it was land and sole. But here it was fully eached by several that gots small preventions of the hand of the histories produced coincidentals definement.

⁺ The statument was made by Mr. Wahars, of Moorgan Stat

summine, it is tent of considerable deliver, for the presence of the sectes to which the recentive void answerds. The employ are to whole the amenate containing the constraint of content, at the Internative or claimer of the reasonable of content, at the Internative or claimer of the tent as assertine of the tent is any other in each of the late of the content answerd in contract factors, with the set, as one of the zero of the late of the content answerd in contract factors with the end of the content answerd in contract factors with the end of the content of the end of the

beard distinctly with the unaked our.

It is accountly the retter this what, is to be limited for with the encounter in the nown a question sounding controverphy. Every shock in the appearant, every some in the axone, given any years importantly. It is only in the Menters of with shocks and active that the presence or absence of the control is advantagoust to held the table between my degree, and spen and chose it elementary. The true spines of what course when compared with the trimersh of effects.

This spirates is this sequence of the person of theories in grant the states of levels in the spirate of the sequence of the state of the sequence of the sequ

I will take the case of the fifth, as one of the simpleon. When it is slightly set all tens, bests are beend. We have to examine the various notes present so find our what variations in intensity take place. Say that we take the fifth field, We first counties the engance pages, and find that they both cooking outside and twenty in sexual but appreciable question.

^{*} Times to groundly a variation of puch so well

We then form the speckingsian, and fenerical with the rescentiary to the sturie notes one after smother, we should find (1) the two fundamental notes are perfectly steady, and unaffected by zee wavering; (c) the note a", which is the octore ef c' and twelfth of f. vames in intensity or renderes a best. ties , but I cannot well show it you convincingly, as it depends on what I have though the instrument. Moreover, there are fundamental experiments in no way new in principle. The

startedy got of tame. This is most easily performed by utilising note. Ther are heard most strongly up its feet; and if a place can be found where the lower note alone does not sound at all, imperfect active in this way was may notellify be able to perfer this partially, but it can hardly be done satisfactorily without moving about in the room. There is also a best of the appear note; but where, as in this game, the lower note continue little petage, this heat is of small interprise. In fact it is an difficult

Another experiences which I have been in an ecomponent. for lattering for a difference tone through a renovator of its own gath. The two notes f' a' produce F streams as a difference tune. A resonator transf to P in attached to the envoluces. The effect is always, so for an I know, to exremarks the difference tone. It appears incapable of being brand through a reasonne. We notice incidentally that the other combination type of which has presidently been present teamty. If I now allow water to flow out of the resonator e'. and the sener one case. This is one of the heat modes of colling attention to the combination tones. The intering sounding oven. A cork with a bole bored in it converts a interest. The class token as below. The wind in distributed

I have attenued to place before you as early acceptable form of nonerran for performer some of the landamental experiments of according in the hope that seem may be induced to construct similar forms of apparatus for thesestres, and that the knowledge of this part of the subject may come to be freezied on actual experience to a greater extent than is now pearstilly the case.



feeting of speaking receasion, with organ pipe wouth gave, sighten with way, and received for resting; also feetile take for pulling sale the arview and in an automorphism for the relative to the sale.

SOME EXPERIMENTS WITH A REVOLVIN STOP-COCK.

By R. H. M. Bossequer, Esq.

In centis mutalities on contention we find it subjected neutral mutalities which could be opered and clouds with pairs amption." The interiestent to seed its how bent constructed by Purkasar Relians, in the service of Section 1 to the Purkasar Relians, in the service of the Purkasar Relians, in the service of the servic

wanning possession or total which generally require the term, a rech more could mid-time. A long, nayou iron plats is attached to a heavy block of word, and forms a first foundation for the instrument. This contests of two parts—a wooden wheel, remity inshed in distincts, having a grown out of route the edge to carry the cored, and the risponce their whoch has a small reside when at right angles to its soin, stocking growed must be objeted in the contract of the contract of the contract from of the woodset, when the stop-cost is treaty term of the stage-cost. The sale in which the stop-cost is inserted in the flow cost to cost. Held on the cost cost covered in a flow cost to cost. Held on the cost cost covered in a flow cost to cost. Held on the cost cost covered in a stage of the cost in the cost cost cost cost covered with a shallow strends ordered, the creating is the best loss object joints. The cost is a piece of grt, joint with a need-

tuning late. I have also driven the machine estiminately with a piece of this strag tool is the ends.

There two stap code, which are used for nomewhat different

purposes. They can be interchanged at pleasure. The one has rather a small been, and is purposed by two channels at mylex angles. The other has a much larger been, and has only the one channel. The two-channelled step cook opens and closus the table four timpous neath resultings, the con-channelled stop took opens and closes the table twine in each resolution. The first their was one above their internel in the medicalities.

of a note by focusing air through the way cock as it revolves. With this primitive apparatus at it difficult to record any great speed, and criddle C is about the least of what we can arrive at with the two-characted step-ook, tener C with the other.

The note is not very perfect. If, however, I cause the issuing late of air to center a resonator, I get nome remarkable perfect waves with the often of the rescentor. I connect the stop cock, by means of a mean of tabuar, with this bottle. which now resounds to a note not far from tener C. A greater volume of time is produced by the large bore stop-cock, which will now be shored on the apparatus. As we begin to have the machine, while the velocity is yet low, there are one or is difficult to turn the mechan by hand uniformly arough to produce these effects with great clearness. But their presence further development of some until we much the prinkbourhand of the note of the respector, when the tone begins to swell out. Ulterately, when we seach the note of the resonator, a toos of numerising volume is produced. The explanation of spend of revolution is such that the resonator is one of the eventioner of the note due to the lets, that eventions is selected bered that the effect of a series of discontinuous iets of air is same time, there is will a section amount of the fundamental too of doth which exists in the sound in oxistion. As to the exceptation of the resonator by the sale, which constructs a note of its own ritch, it is a signale Photostica of sectionary were of sounds of different farress of loodness. It is easy to see that the mechanical work of the bellows in here transferred into sound in an advantageous mannet. If then we measure bearing on the counties. The conceiler of this project recaires special apparatus for socaring uniformity of motion in the machine, and other things which have not yet been carned est. But I may brothe lay before any, as second to a rephiete ress of sounds, or the reduction of the estimation of loadsess to definite measure. We have much of business from W to Att. Let me arrange these in order, and form out of them a 999. Let us arrange uses in order, and from out of them a We may further extend the scale to exceed loader and solur. respectively, then sounds practically used in money.

SCALE OF ACCUSES SOCIOL

Not used in ||||| 5. Steam whireles. Notice that course print.

Marks of wide.

Public speaking at the top of the tooken used of .

Ordinary public speaking.

Ordinary public speaking.

In masks.

ord.

Logil ordinary convenience.

Net used in (1990 so Faintest whatper, "Microstey spends,

To the shood magnitudes corresponding to several until for the property of the second of the second several to the second be used on recent, and one below for sounds factors these skyr that would be used in creasis. This these I show to usually and not of importance, you will calculated if you retreashed to the second of the second second of the seco what you were said here on a farmer promise, that a wellthere, work at succepts, in order that there might be such solven around how as not to organize with his results. The scale of second magnifedes then established in in record respects correspuble to the scale according to which the magnitudes of stare are estimated. It is brand on the estimation of different degrees of loudness, according to the ex-pensace of practical persons. This being so, a series of

of a theoretical nature, and I will only trouble you with Suppose I form a note by means of the apparatus I described,

difficult. The comparison of premunical points is a creat I will senses that we find it of the fifth marrende, or safbelows in carry arrest of ness. Then, with certain course votices and allowages, we may say the measured amount of work per second in the mechanical empirelest of a fifth reagnitude sound having the pitch of the note produced, in

tion, it that for which I originally constructed the resolving to an organ pape or resonable, and course it to revolve, in same to an organ pape or resonance will still award. The sound there as the velocity of rotation changes. Whenever the sound in as the velocity of rotation changes. Whenever the sound is continuous, we know that the vibration ross on in the rice long enough after the aupoly is out off to bridge over the gapa. on the receipt covered by the ston cork. When the second is

gaze in the supply. If the pipe or resonator does not speak at all we learn nothing. I have not succeeded as making any open pipe speak satefactorily under these presentances. Why then is I do not know. But concentury and stopped users can be fromi which speak very readily, and offer a series of remarkable phenomena.

The first effect is preenally rough intermittent seems, which

When there is the progress of which is defined on the defining of the state of the

DISCUSSION.

Mr. Congrett, said he had a few words to say on some of the definitions, such as an inharmment, which he did not recognize make that name.

Mr. Bossaquer said he only slopted that as a converient description.

considerable profile in the first may be a considerable of considerable profile in the first range years in casesdawn with stips, and he laves his they divincibly when in new forces are all the state of the constraints of

revoluted by the air after it had passed through a preside some he do course. The defeation of a tree scale is the of tree passes in that room, from the vibrations of one note. As be included with the accordance assents constant by other abovets. in a room. He would also remark that what are called Turben's low notes are differently stated by different persons, as for costume by Tartire himself, by Dr. Crotch, and by Dr. W. H. Stone. We may obtain from these law sounds all the notes they have named. The notes change very mendly, and it is often difficult to eatch the first feeble tone, the instrument upon which the experiment is tried. His about from the emeratest schestons of the two sensor natura or were only "difference tones," as engagested by Helmboltz that Helpholta's toru of "difference tones" was a mietales. The proof was obtained by trying the major and minor lower upper partials, single, secondary," and so on, the names were new but the agands were not. The succosed differences are imaginary, for all are increases of the inchessoral sate. while Wheststone's Resonating Take moves that all barmanica note of the trade. Marmanian are multiples of the effections. of the fundamental note. They if the lowest chave as other, and its double octave 125 in a second. As to beats, they were council by slight deferences of petch between two strings or ture. These were very different from antiques otherwises for earfly be counted; therefore they were a maide to the tener restord of an repediment. The vitertions themselves had often great power. Every lady who had a grand numeforte down upon it, the vibrations were to creat as to raise the and manor raths. This would finance the power of moderal therdore in a room. It had been indep regards that all estimated hores sport compound. Then their they are consect by remerous whomena, but then only gave contentianes to the softly more than the contraction of the softly more contentianes to the softly more than the softly more than the softly are and the soft pulgar. Inference glown from resonators against the evidence of the sars are delayer, because the managing are stay but they will their shiftly showed be second has sufficient to the same of the same of the same the second has sufficient to the same of the same of the same than the same of the s

Mr. Eaten said be ment Thell-disc or Parind-ther, which were explained in Helmholtz's book; and as a translation of defining them further. He was mine the word now except down as being these of the partial trees. They had been more strongly marked in an experiment which he had been tones of tuning-darks. He hash a nation-feel, and held it over a resumence the which corresponded to its fundamental tree. which made it appeler and brought it not clearly and disfincily. He then sounded the read tones, and had been able would be called the twestieth earths, by which he was able to determine the witch of that need tone. Lately be had only been taking the sixth, agreeth, and eighth partials, but he had gone much further. The heats were rericctly often and derived and was board the lower cartills, accordlar to Helmholu's someoclature—at any rate, lower tones group on perfectly undisturbed; and thus, by mount of the

teniar, but, without any resonance how which would alter its shape continuously, you might pick out of the middle of these compand trees the one which was nearly in pitch with the tuning-fork, and with that it would beat. So much a list of the teast. He was last then briller the eight feet cetave, and he calculated five, six, seven, and eight times the partial. They came out as riesdy and distinctly according parties. They came out as every and districtly according to expectation as could be conceived. There was nothing like the pones bear renembed by any arearstus. In Agreen's tone for now knowth of firm without now acception absorbing bennell. With record to the so-called combinational tones, difference tones, according to the theory of Assuen and Dr. Preser, he mentioned to giving an account of Dr. Prever's paper before, that Dr. Preper considered he had perfectly estaever. That arresd metry well with what Mr. Rosanguet had and, although he did not yet see perfectly and clearly whether sector a resthed of producing simply and cardy these continemen traces, but the decode loos then produced in the bubble. stuff was a fond of woody tass, not a bright clear toos blonet accounted in producing topes so as to count heats with name. But there was a difficulty is needletier the constantive loadous of the two tones you wanted to best torother. He from the huther nexts of Assesse's tensorates. The med tone. to his ear before he could hear the beater even with two turingotherwise the heart became blaved and industrial but when

the leader first was held a little distance, off, you would generally get the necessor on clear and distance as possible, in has largamen to markow, when speaking of two-need tocons, the control of the should have to give a finite received of his experiments at the control of the wave cated partial times, quite deficient to the control of simple forces. The control of the control of the control of the wave cated partial times, quite deficient to these white, which was cated partial times, quite deficient to the control of simple forces. He control of the control of the control of the wave cated partial times, quite deficient to the force of simple forces. He control of the control of the

with a flow weeding acquestion, but we model interested to the control of the con

The Mose, Securiary what if Mr. Econoquet could explain how if was that these comparatively small bettles produced such exceedingly grove exacts. Was the bortle to be regarded as following the laws of a storaged occurs rise?

Mr. Toucapour and the theory of resonators of that class was, he belowed, not perty well inactioned. Melridoula hed says, he belowed, not perty will subscienced. Melridoula hed paper as the subject was see by Lock Rapidaly in the Philosophical Transections. The period depended on the Philosophical Transections. The period depended on the Horney a need to if made scree difference, but by kalong words, which had a sendle entire yee would get very forgo action to the period of the period of

Some Superiments until a Receiving Step Ceak,

had only to vary the proportion between the orifice and one to of the vencestor, and you might get a manuster of the size of a thereboard accommon to a thereboard feet true.

or the viscousis, and you sager get a measure or on our or a themb-sail scending to a thirty-two feet pape.

Mr. William and he understood Mr. Baranquet to say, in one part of his paper, that a round could exist wishout vibrations.

But the last paper, that is noticed create that without systematics.

Mr. Blossogroup and that appear be a minimize.

Mr. Blossogroup and that appear be a minimize.

If you have a conference such or them between the conference and the confer

sound was professed, and erray one felt assembled the first time that so earsal an article should produce such a grave assend. It was strapply due to the smallness of the certifice and the large-mess of the ball. See Probeids Constely, sound yours ago, which was presented to the contract time of the contract time of the see that the seed of the see

One of succession, in the law of succession of the law of

Beenngert for his kindness in exploring a sample method of procedure which would enable almost any one to conduct the same experiments.

The vote of though was corried unaximposity, and a similar

compliment to the Chairman terminated the proceedings.

JOHN STAINER, Esq., M.A., Mus. Doc., Vint-President, in the Char.

ON BEAUTY OF TOUCH AND TONE: AN INOURY INTO THE PHYSIOLOGICAL AND

MECHANICAL PRINCIPLES INVOLVED IN THEIR CULTIVATION.

By A. Galanga System. Fac.

By A. Calanso Syres, Esq.

FART 1—THE WOODS.

The studyed of the layer, "Bellow of Town held Tyes," in pilling printers of the studyed studyed to the pilling printers of the study-enabled printers of the study-enabled printers of the studyed studyed on the studyed studyed studyed on the studyed study

It will, hewever, be conceded by all, nove the meet infeligent or the most incompetent of critics, that, both on the stage and the platform, the occasions are indeed rare when the performance is marked, in any high degree, by that perfection of accusance chains which, although it is nor the sed and aim of art, in o con form or writter its redispersable solured—specially we not statistic to any the very look broach, which alice its not statistic to any the very look broach. The statistic state of post, inc., the for every subsection is to be a statistic or Program. They recept assume to transfer through the "Back of Program," offer recept abstract or the statistic of the statisti

Interest, as an exporting of "benety of teach or fram."

Of the many different causes which work together to procluse such as tradequate court for all the first, shares, and praway so firstly behaved on musical education, rusny are evidently cate parties, the accept of that, apper, but one or two beausegment merculately on the solipect in head, if not fully discussed, sught as head to be explained here.

And, the A world files you contribute to the tap produce of the A produce

Then apple, none market amon accurate self-to report resisters a nearestife point of view that they accord accord of reporting that it has not yet enough to be as att. With them, beauty of tooch and teen it assembled to have deep trainered the power of assertering constants. I have not amontes the power of assertering constants. I have not amontes of popular who, when they cause to me, usual fail mo all about the

And the second s

on measure stress states called of their other flowling the grant conceiving of options and primate them in process called the option and primate them in process called the process of the control of th

It causes, of queue, he unknown to you that there are masters, during suided after for their centestive shifty, their shifl in teaching, and the prefets breaty of that convictions, who ignose, viduols, or condumn as positively harmid, the notion that any codel purpose cen be effected by the study of physiology in consection with would training. Thus Septen Permai, subloogh he belonged ferrenely to the medical proference, and recomply monated on the starger to both with the property of the start of the property of the experiment of the property of the voted region in his work in a "Time Designation and Californian of the Voted," onter a "Time Designation and Californian or the Voted," onter a contract of the property of the property of the second of the most of the property of the property of the creditor of the more usual defects forther of a years quagger. Joseph contracts of the more usual defects forther at years quagger.

beyond this "I main be lift," he will, "he had not be consecretimented of the maint is correct, physically amount the more appearance of the mainter which are the great drawback of ultragen generally." I main a secongalized vocalul, a law pumpilse, "The Vocac: the Monico of Language, and the Souls of Sough, "a thirt work which has been content of with the appearancy of many of own and another semiologies, through own the good of the promise of the service which has been content on with the appearancy of many of own and another semiologies, through own the good of the service of the se

at 1 win to any destinate about the throat she had, and the position in which one position in the force of cold range regions which integer solutions are selected in the cold of the cold

under our migrodie üb ist is good tracker of the States and if the States and it is specific.

The states of the S

print" is become almost as same a prompose to belief with allsomy as the "It is written" of Stenter ages, the necessity for among at the attacement of exempts, contrastry is received inpensities for all teachers whose object in the advancement of their an earlier than the economistions of ERPs have:

men en enger tran i en instrumburen d'Dh avec.

Me de la companya del companya de la companya de la companya del companya de la companya del company

assustances at inspersion are indispension when engines would be but preferred by frequency uponting but passages. The designer question that is the obsession of said in most properties of the properties of the

it nerme nöw to be very passently halt that it should be effected though the no operational the desphapers with the interestate measure. I was, however, much obtack by a matterner medic measure. I was, however, much obtack by a matterner medic and a state of the company of th

methods une to me to relate demand the prelices, be at the place of th

When the process of the control of t

vocal struggle." [In fatte receiv]. Segrer Randegger, in his manner (in his "Printer of Singing."), directs that "the receideterminal will must be enforced in order to resist the natural

engagion of the breath, is frurtful, arces, in all probability, from muscles is exerted either in inspiration or expiration. This matter is fully explained in a paper by Dr. Wylle, cetified "Charge tions on the Physiology of the Largers" (subhished in the Edistaryh Medical Yearnel, vol. xii., 1850), for which a gold model was assured by the University of Edisburgh. He says: " Now it expet he horse in epigd that by alongs of the of appropriate, the most respected effects at either being analyzed quite mellectual. This is, no doubt, in a rease due to the rims, but the strength of these companies by minute structures the air may be made to excet upon the election from within during a forpible attended at experation, as well as its progresses from without when we try to menore. From this consideration one is naturally led to suspent the existence in the riottic of some well-adopted valvalar armagement, suited to control both. found that by mercly approximating the edges of the false the larges towards the mouth was totally stopped. By sweetsing the experiment and driving air developments, as derive inspiration, the true cords were similarly acted uses, thus operclusion," save Dr. Wellie, "to be derived from those expenments is obvious. There is within the larges a double value. which is capable of controlling both the cut and the entrance of ser. . . . A laryugoscopic consumition" (on the living asked! "felly engines the year which I have not stated. "First, When the glotfis is sirrply closed, and no effort is separated by a very narrow (starrul, flaragh which the edges of the true word ligamount may be corn in close appointer.

"Second, When in effect is made to easyin, the superior code may in the middle has so as to have only a very small tanagetar opering posteriorly, through which there aff may be caused a glemenering of the pole unifice of the true ligamounts.

complex glueneesing of the pole surface of the true liquinosits.

"Tink, When experience in strengthed, the fulse codes are immediately coaped throughout their whole longth, and if the effort made he powerful the parts above no observed as if the effort made he powerful the parts above no observed as of occurre outwarfs without allowing the are secure (Greening), of the largest case is done to replace that the influince of the

of the laryest can be due to nothing; but the infession of the removable of Managami homestals.

It would appear, then, force this discovery of the beautiful appearants furnished by nature for the central of the emission

of the beauth, that it cannot be horiful to close the shoot in order to hold the beauth, and the contrib involved in the "word centers" in this shown to be allogather experience. Any one can prove for himself the case with which housts can be controlled by this involutions, for by imaging filling the thing could, be will find that be one with the untitest case.

bages and methods the secolal, that is, by approximating the close coults, be will find that be one wish the greatest cose interfain a whaspeed experience for an long a time, or very marky we, as the costle facing orders integring. And no long is made you are costle facing orders integring. And no long is well trained to the contract of the contract of the cost will trained to the cost of the cost of the cost of which can be again and again opened and closed. This internate opening and closing can be performed with considerable equality, a tony explosion sends accompaning one community

The control by one general experience, a supply a limit of a control area for a specialistic way are not relatively as a control area for a specialistic section of the production of the problem of the

To give succ a hare pating of all these coefficing theorets in reariforty revenuelle in a name of researchie builts has 3

have stied so select those which present the widest contrasts, or whose authors are, by their arrangement in the evaluation

expressed that some persons are so executewed that, abbourb them to use. Man Sabilla Novello, so her tract " Vesce and York Art " near : "The most county anatomate have fided in discovering any material difference between the exchange

lowered at well by the contraction of certain becomes and mendes. Then it would speem that every larger bear-Mr. Frank Romer, in his "Subsol of Singles" and his

"Physiology of the Voice," professedly bases his method on Savatt's experiments with florible higher, but he is evidently rent to stoffeness of tomo. "The human words," he says, "has two distinct methods of medicine tone, are wethod by execution and inflature the tube, the other by contraction while in source the tones we rendered in the windrane. " In naturally will be asked why nature has given as two methods had. The reason is simple. We have two distinctly occasion of things with us and things against us. These two confirm their variations and retensition . . . In fact, I believe it to be

enteres of the are observed to our persons system, while enginetion, are undrawant and even painful to persons with a many different protrements for a combination of these two methods; but seven winute exemination, it will be found that the topics of each instruments are only pleasant to the ear when the vibrations produced by the reed are neutralised by

and Tree &c

ten mer powerful inhabition of the extent of the reintention, to publishe in his price of price of the continuation of ar around it. But the restrict of the recting is a column of air around it. But the restrict of the recting is strictly as the column of the restrict of the restrict of another in supplement with the public restrict of the reposition of the restrict action. It is exactly the same with the circuits in good tone depands upon the delivery of the article of the rel of a restrict pit the lost is a state of vibration. It will be seen that whenever the restrict of the relation of the delivery of the restrict of the relation of the relation of the state of the relation of the restrict of the relation of the state of the relation of the restrict of the relation of the state of the relation of the restrict of the relation of the state of the relation of the restrict of the relation of the state of the relation of the restrict of the relation of the state of the relation of the restrict of the relation of the state of the relation of the restrict of the relation of the restrict of the relation of the relation of the restrict of the relation of the state of the relation of the restrict of the relation of the restrict of the restrict of the relation of the restrict of the relation of the state of the restrict of the relation of the restrict of the restrict of the state of the restrict of the restrict of the relation of the restrict of the restrict of the state of the restrict of the

action of the roof in systemizing the sole in a state of vibration. From those characteristics, by analogy of remeal instruction, in well in compliant shearing the roof operations and instruction, as well in compliant shearing the properties. As a convergence of these premises the Received functions care: "In mass I we differently inchemical that the thook has convergence of the properties of the properties of the received properties of the properties of the state of

the displangm on the column of arr, and if we have recover to any molliformier or contraction in the throat, are substantion will become agentum, and we shall differently like all power over the matterial quality of toos. The pepth witherines, in order to obtain a right control over that, is to be fined in the column of the column of the column of the column of the both. When the view of threads the beside, in adding the program has been experienced at the chest. In the column of the chest.

measured, and we have the experience of the present of the conclosured and provided and the control of the conclosured and provided and the control of the conclosured and the control of the control of the conpensation of the control of the consent is generally and those of them by the dentition of the second is generally and those of them by the dentition of the control of the reserved and the control of the control of the control of the reserved and the control of the c

ing to all principles of incontrols, this protect of the table for the control of the control of the control of the control of the 15 decembers, by the control of the 15 decembers, by the control of the control of the 15 decembers, by the control of the 15 decembers of the control of the c

On Brants of Touch and Tenz. dec.

seen to form thermaliva arread the aperture for wirel, with their consider depts and prund contracted, as nor the lips during the production of seem on the flavor. "He, necessary, hall their in plating from one seek to smoother a sentitions apart there is a slight modification of the plates; in the many array art in the input of the flavors, both which he should be length of the state way art in the input of the flavors, both which he should be length of the state of the state of the state of the state of the way art in the state of the late of the state of the state of the state of the state of the late of the state of the state of the state of the state of the late of the state of th

In ruly is those who would argue that in many wisces the world lightness are destroyed and inspiration, as registered and related for altering the pitch, he may that in "that care matters arise vicinitosity. The days for the year on the pixel count; be thrown on the world lightnesses, but only by a bornel and unwished action, which, however recognish for a time, cancel lost; it means and in hashingept of world.

As to the predicted values of his discretion, his claims can have desired to the control of the

Concentrary method of early he says "Some stackers dust for syptish to condo the crements of the layers in a life of the says of the says of the says of the says of the production of earlies. With them, futly of says on the press of souls in the peared, and learner they one present was respectively. The says of the says of the says of the says of creek by the cylindra resided than. Soil a prime should be considered to the says of the says of the says of the which should be cought for yand the early control to the says of the says of the says of the says of the says that the says of the says of the says of the He offered pupils to worked centimenty one of a say, that you have "the says of the says of the says of the says of the year has "the says of the says of the says of the says of the says that "the says of the says of the says of the says of the says that "the says of the say

as not only induces an unpleasing quiffix of zero, but combinates a binced or tightened consistent of the content highly determined to their proper or beathy action.

One here which he gives, for the consist of these, who make the content of the convenients of the tengers, playings, and mostly given lift, from

On Brenty of Teach and Teac Ac-

his ladicious qualities. The Indiana, who yield with a longenersh of which of the receive and only on the larged it.

The receive of the larged it is the season and more mention in the control of the larged it.

The receive of the large is along it is the large is the large is the large is along it is the large is the large is the large is along it is the large is the large is the large is along it is the large is the large is along it is the large is the large is the large is the large in the large is the large is the large is the large in the large is the large in the large is in the large in the large is the large in the large is in the large in the large in the large is in the large in the large is in the large in the large is in the large in the large in th

Artistic instrumental directly of the recell artechnism or which a method of tearing had been bound in the proceedings of which a method of tearing had been bound in the proceedings of the tearing was a final process of the process of the contraction of the process of the process of the contract of the coltraction of the collection of the collection of the colsine of the collection of the collection of the colsine of the collection of the collection of the colsine of the collection of the collection of the coltraction of the collection of the colsine of the collection of the collection of the coltraction of the collection of the collection of the colsine of the collection of the collection of the colsine of the collection of the collection of the colrection of the collection of the collection of the colrection of the collection of the collection of the colsection of the collection of the collection of the colsection of the collection of the collection of the colce of the collection of the collection of the collection of the colce of the collection of the collection of the collection of the colce of the collection of the collection of the collection of the colce of the collection of the collection

near heal the large.

The state of the large is that in seconding parameter the fewer of the large idea mean or three agreement the fewer of the large idea mean or three agreement inside to the circular cartifage insuredistrip beneath to, but this new contraction of the circular cartifage insuredistrip beneath to, but this new cartifage is sufficiently to the circular cartifage in the large is a large in the circular cartifage in the circular cartifage in the country of the circular cartifage is discussed in the circular cartifage in the country of the country of the cartifage is discussed in the circular cartifage in the country of the cartifage is a superior cartifage in the country of the country of

1.00

Philosophical Transactions, be any, or From the delict year, and it to only the agreement of the processing of the philosophical of philosophical of philosophical of philosophical of the philosophical of philosophical of the philosophical of philosophical of the philosophical of th

a , so had better come next, and e, are that of difficult, lane."

Mr. Willye Cooper, in his percohlet already

Mr. Willow Cooper, in his percohler already aliaded to, commonces by drawing attention to the distinction (too often continuous by anowing appendix to the matricine (so often ing to the interer in that which is most devaid of a court character. Rendiness of torn may be described as that which round, levels, smooth, and mellow. To be the deal comble senger, one should undoubtedly peasess the best wave possible, write, and a maily figs with might be about last from want of region feeling in its possessor. The diffuence, then, between a good vaice and a good amour in the difference bethe one may be responded, and the other, to a dagme, cul-"Systed." He hates his method of teacherr entirely upon the relivation of the orrage of speech, and his directions are devoted to external matters entirely: "Directly a singer, who mendance the space managing sales up a position to size the possible, and the whole body is reade to assume an uprint posture, the lips and mouth are opened nationally, never water

On Brenty of Touck and Tour. Sec.

and the second of the second o

give the true character to words. They seem to be continuedly with and an employe to rendere a bind of fring many years almost all yearsh. The result of close observation will topout a citer passage, and that character is given to it by the mouth and free in declaration mouth. The teneral basing as part to chin should ereer be raised, nor should it ever be allowed to vibrate in the elightest degree while singing a resoluted eater. to one word. The mouth busine to introduce a part to face can be keet continually in the smiller notition, so structure recommended in marrier tutors. There are curtain words that cannot be properly very except the mouth serame a synthese nonline : but there are others that carred be some at all if the singer atterest to write at the same free." In those directions there is but little that can be considered as in laserunge by owned; the art of vocalisate, therefore, must consist in the ability to markala any ventel sound upon any riven note, or to repeat several notes upon any given vowelconcentum of the free aread of each years should be actived at. It wast be borne in most that the vector cannot be settabled upon more than one at a fine, and that occess with few particles of the particles of the particles of the particles and than to adhere articly to it. If these remotes not thingle over and put in particle by any one having a cerest as it is said, have give certain that seal hardness cannot appear at the same five even in the most coffurny vector, but the same, I am give certain that seal hardness cannot appear at the same five even in the most coffurny vector, but the

member recent that we record here a fairst several of price the temperature of a work of the several of the sev

the cannot in the eye of another with consents officially consents of the eye of the eye

the total of this legal critical on an out-man assessment of the control of the legal critical critica

pass. I except but regret that he did not achieve his medical so consult seem sums enthbles attaching or the treas readily of the treas readily department. And as a his through disagre reconstruction, and as the through disagree disag

and c' Signer Person taken a very different view from that of Mr. Willow Cooper, and applicates the had tone of English settown coveredly to the worlfed way in adopt they speak by "The only difference," he save, "between spenisher and singing is, that in speaking we strike the scend impossively to the love in which children about, consequently they often natural votes. The sugar lades of the overest day 'small in a subdeed, coeffed tons, or what mucht be called a persifalsette, in consecuence of which very few natural voices are their vences." I am indicad to thack that our national tree is. per undemonstrative character, but that the elimits has something to do with it, its harridly and variableness tending to make our smooth with our mouths mouth closed. Another mouth of this agestion will be removed later. Former triuts years centrally find out the true way of producing tone by being tion, becomes the or those notes below what they consider their lowest notes. But when a votice lade, who has been in one the habitual tone. The result is that not only does she never test well, but soon begree to sing out of time, and feally loses her voice, and in too many instances materially injures to their Indeed, I have no healther its rejet; the hearth of your class tring per flowerist at region date. They per flowerist at region dependent of the per flowerist at region of the per flowerist flowerist per flowerist at region of the per flowerist flowerist per flowerist per flowerist flowerist per flowerist flowerist per flowerist floweri

with solvatings as an end to strengthen them.

It will be observed that, generally as one than corrects.

Export Person does not storage to show in what way " tone produced according to the precipies laid down by early definer from that which, in the mode of its production, reclaim

We see that the second second

version, chieffe, as I serverse, herease, when he wrotethe functions of the ventricles of Marrarei, were wholly unknown, but the directions given by him for the cul-

tivetice of teee are very reingle, and their importance will leastfu the man continue expensions I are about to make from

eary that the riotox should be perfectly closed after each partial operang; all that is needed in an eneming sufficiently crifice will be ourse recreentable, and will give the saxed a veiled character, at times entramely full. We may thence

conclude that bulkancy of suce results from the sules almost of the electic after each best. Browness of the herath is efectle." Brilliance of finder is also caused by the larves assureing a bigh position in the direct, and rising breach the soft polate, the latter dropping to meet it, thus causing a and a somber character is imported to the sound. After point

own wairbs, while the corners of the lime more alarbely. This movement, which been the hea gently pressed agreent the teeth, opens the mough in just proportions, and rives it an without any attenue to much in an either extracrity; the regardes of the threat about he relaxed. In this position breathe slowly and long. After being thus prepared, without stiffcome status attack the tones were reath by a shirts rection of the election recises the air in this pastage; then, an audienty as the redbact of a tourser it most be exceed by a level and weapons.

latter 6. If this movement he percent executed the sound will come out brush and round. Caro, however, most be taken to if, or fact for it. The word must also be warred asserted This strate, or coughing one the notes of the chest, causes a great less of breath, conferring the sounds assirated striked. and somethin in 1900. Soften resistent recommend the use of the syllables poly, now, do, in order to experie precision in striking the notes; but in our optains then plan thy which the high, tomogen, and other organs not concerned in the entission of wome, are set for received has the fundamentage of second detailed partner for facility ortecolations of the platter, without processing gratter for facility ortecolations of the platter, without processing gratter for facility ortecolations of the platter, without processing partner for facility ortecolations of the platter, when the partner of the platter of the platter of the platter of the partner of the platter of the platter of the platter of the platter of the partner of the platter of the pla

sections due south purely and reliable thoughts for execution in the south purely and reliable thoughts forecast the so-called this cords, source obes, its forcion being "the controllers above the correct persons as allegaced speak transferry above the forect type, commercing and colorings it, so that, it will, the volume and colorings it, so that, it will, the volume and colorings it, so that, it will, the volume and colorings it, so that, it will, the volume and between the controllers and the coloring that t

mency of the induces, constraints readment of votes. A wellsystemed play of the respiratory cogin, a firm contrasting of systemed play of the respiratory cogin, a firm contrasting of the glottin, a few measurement of the plannys in generalization at that should be quite independent of each other, yet regulated in their combined action by the requirements of the passaged, continued down mechanical means by which interfaces of votes

Construction and Impassion to the expert of the case o

90 On Bressly of Teach and Teac, Sec.

appoint being the plus present in extractic from fertilization postations. In consequence of the filterity of the reservations of the filterity of the practice of the reservation and, the practice of the reservation and disassesses, which cases written being expected as the very first may to be taken, much be just off will see good has necessary to be taken, much be just of the point has required the power of the processor. The disassess with partial reservation at very largest angularity for the processor of t

entaining seads with period response at every durin of interacting and the sead of the property of the property in graded by many backets askes, as my spaces, from the scale that in which the probability of the form of the threat, and most thembre took to the injury of the word ongoine. Gunts do not interfal units, were older require, even only to be a sead of the probability of the word only to the order (in see place, if I memoriae rightly, he were may they with the "probability of the probability of the probability of equal from the supervises of probability the probability of order to be supervised by optical theories and facility of opticities, by. Sometry (in the "Villes Raddley of opticities, by. Sometry (in the "Villes Raddley) of opticities, by. Sometry (in the "Villes Raddley) of

completes. De protecte (i) has viven handles (i) when the state of the large of the state of the

e, and it a in measurable for it to be extrement, as a ran when the contract of the contract o

Mr. Markella Bild, see drobe extendioning report of classification of the deposition of the deposition

capers sublished in the Orchestre, and In his "Philosophy of Voice "I to explain the true meture of the emplosion which that is always greatly incorrect; and also to show why, when it is balisteally acastrood, it exerts to beneficial as inflation Mr. Long are evowedly formed open the discoveries of Dr. I have found it make prepossible to do matter to his visual by means of questions from his works, and I must therefore sentare, as briefly as possible, to present in my own words immediately above the true cools, and that the vibrations of may so express if, which, by the modifications that it underrete arrests or some. It must then severe but reasonable that if we can, by any means, secure the perfect production of the rew material, we should exect ourselves of it in the vacy first stage of vocal training; the problem being to find out will. This is effected by the same mechanism which was The lange being filed with sir, and the edges of the false confit being hought into consuct by a simple set of will-be ventricles, their lies being forced more fightly taguiller

On Boasts of Teach and Teac. &c.

by the pressure of the sir within. If at this marries we by the pressure of the sir office. If he has marked we will that the improposed air shall recent it will do so with an explanate come unadar in effect to an account comoeast. For my own muct, indeed, I consider it to be actually a larranced companed. But if, before allowing this encape the vectories, counter, as it crest, a downward possture on the flat upper surface of the vocal cords, intensifies and stendies their schoe, and, on the emission of the breath, the on the recovery from below in maintained with unsurviour force. unner earlies of the atreal coals which increase that stanfances which is one distinguished characteristic of nightly replaced the limber of the voice is subject to great modification in its passage through the super-largeged cavities. But whatever ferroess of tourum continuable by any other means, and its emission will course so strain on the vocal cools, or under exertion of any kind. If, on the contrary, this inflation does must therefore involve either the forcing of the vocal cords areume when in a state of sest, then professay a bad ourlity

subjected to a greater similar of certains have they are invended. In a contrast contrast of the contrast of t

the west labe at the same labe, but only not compute the transcent desiration of the bright, and to consequent desiration that the contract of the bright, and to consequent desiration of the same label and the same label a

It occurs the whole body of the largest as boood up in the bread, thus tending on the one had a protect that helitary of all above which Gaussia says in a characteristic of assumit contrology. These Largest is a characteristic of assumit contrology from Largest in the control of the conlogy of the largest in the control of the conlogy of the control of the conlogy of the control of t

Mr. Lown suggests the child's eye as being produced by the same authors of the word appears as that which I have been appeared to the same authors of the word appears and the same authors of the contraction of the same and the contraction of the same and the same a

without doubt does often minifest Windf daving, or 'in consequence of the puzzles of whilehe hapitating with consensation, which will be supported by the property of the winds of the winds to the support described, or results from a partial inflation of the ventrates occurring independently of my consensately directed inflate as the part of the signey; and I think that the presenting of the observation by which the letter I is formed to the next of visit them, studies it less highly to

Streend conversata.

It is workly of note that it is possible to perform susan of abstrate nearest, with the distincted edges of the this coefs above, which this sector applied of sering somewhat life is the parcurates action of an harmonium, and to affird the means for that quiet and percept looks required in single, such parangue, as except to the quiet and only of the "Queen of Night".

In the "Deputition,"

In the "Deputition,"

In the "Deputition," the property of the property of the content of the best wind of the paper, and it is no identify now the content on the content of the content of the deputition, there I have end of this paper to the content of the content of

ALDOTTODION.

The Countries said the Society was much indebted to Nr. State of the beinging before it so large an amount of interesting indomestion. If for found this care of their posting regulations were soly very wire in extensing using physiology in their tracting, and the society of the state of the contribution of the society o

men perior referes a breaches of Repulsey as well as well as mental to the perior repulse of the perior of the period of the pe

a large gless come on which is estimated the process of chall which his pupils had got rid of. He must say that in other transfer and the control of the say that it refers transfer he condition, and he was not prepared to any whom the process of challe came from. He should have been more at home in discussing the paper if Mr. Since had dood with transfer the purchase, which to had control.

The Caustinus and the happed Mr. Sixed would give them

The Creamus said be heped Mr. Steed would give them his remarks on that branch of the subject in another paper. He feared this subject was suffer too physiological for the Amediation to deal with very fixely. Dr. Cassor said he had oned with a reset deal of interest

meany at the service so which Mr. Sood back alluded becomes on the production of the roises, both with the physical production of the contract of the back and the physical dat not thank any of these hooks had thereon much procedure all the production of the physical production of the physical special production of the physical production of the physical than topy physical production of the physical production. The Chancars and profuse Mr. Sood would be first The Chancars and springs Mr. Sood would be first than the physical production of the physical production of the physical knowledge to be morely an accomplainment, or lower for the considered in accomplainment, or lower for the physical considered in accomplainment, or lower for the physical considered in accomplainment, or lower for the physical production of the physical considered in accomplainment, on the first way and the physical production of the physical p them about the inside of their throats, it would be an

a very rived amount of had your boon board in the manual world, and unless you could arrive at notes deficite principle, so that you could say to a man, "You are sharing metals or wrengly," you really could my nothing to him except, " Sing size very well himself, and, after al., it was not describle to produce a number of instatom of new emper, however good. It appeared to him it was totally appearently for very voster pupils to know anything about the sax and outs of this disthe instructions given by their manten. He had himself found a ereat deal of assistance in speaking to pupils about their tone, when he could say, "You are not sugment with a full reflection, and if was not your factor, on were throat etc will diluted," When see could any something definite of that sort it was certainly up advertage. The father of some of his theories which they could not brian to the test of practice, saving and mencle note to this way, and one in another; but what was the cood of it all? With count to the profestion vecal cruzes must confuce to this end. They did not want their purils to eclipse a Lind or a Sortup, but to make the heat support out of them in the least nearly time. He did processing the contents of a signile short of peres. Then wanted results attained page speciely, and, in order to obtain as he thought it had been by Dr. Wylle, that when the ventricles were not dileted the vocal cheeds had a stron to constitity, the difference between the right and the wager, then you had attained accepthing really useful. He was norry The state of the s

his boys. It was simply a piece of bounded with a six is it, which he pot between their teath, and raid there sing though it.

Mr. Straveness said Signer Fermi used to 40 the same time. There was no dealt that Dr. Bock recolored some of

time. There were no dealer that Dr. Buck produced some of the best sugarest known.

The SELENTAIN and be thought there was an expectent difference between when Mr. Barry described and the apparates used by Signae Forest. That was mostly a small block released in the mouth, but the instrument used by Dr. Beck,

according to Mr. Bury's description, was more than a second month, with a not of post-office site in a. Mr. Sympus and Mr. Bury's information second to contradict what he had been told, that Dr. Bunk made his boys

cong with closed results.

The Cramean wide be had also heard it stated that be made but long born by the registration with the registration of th

to that you mught gradate the pugil's mouth according to your risks of what the operang should be not been able, in the present paper, to treat you the influence of the operang of the mouth upon votal upon, just be did not what it possible for any person, however claim to might be, to modifies any two

wrote, or any two qualities of tone, or different degrees of intensity, or even any difference of perch, with the mouth in precisely the same position, while the host being metally precisely the same position, while the host of the great divers a magar was the more different was it is get him to analyse his went sententies. Support Randenger, in his new book, discount the position is say apoppies exceeding over an other without lawy measurement of the mouth; but the contraded

that was quite impossible. You must also the mostle either in shape or size for every modification required. A vots of thinks to Mr. Steed, proposed by the Cheminan and curred uncomposals, cloud the proceedings.

OTTO GOLDSCHMIDT, Esq., Vice-Presspert,

SICAL MISTHETICS.

By EURACE J. BERAKEPRARE, Req.

Many writers, nowadays, in treating of any subject, have the
present difficulty in finding surething new to my, so much
blends been, and before there upon a linear terry variety of

process account account of the policy files in the file of the policy files again example the file. It is a shaped of the policy files in gaze example the files. It is a shaped of the policy files in gaze example the policy means that the time that adjust of a shaped of the policy of the policy

most finite in the falsery. But I have a value in the topic finite grade and the behavior has all it in no care in the falser grade and the behavior that and it is not care in the false of the same of the same

come of his labour; was sentimental supporting over the

to him. He offers upon his some institute to lead him wither the price inferred price between the work of soft or without where the releasing it is all to model, pleases, and thereigh where the releasing it is all to model, pleases, and the resignation and the present constrained from the he will findly and the price of the property of the price of

latic rapes than ewe a fair presentation of these. The application of the word " enthetic " is at times very wide, and at other times very mirrow. Some neploy it in a next of adiaction arms, to denote report to whatever may armed to a cultivated and refined taste; while others use it in connection Property, according to its Greek derivation, authorics should be the primary dealer with presence or percention. The medical. los e to to be understood that they are these said or women. To mathetics, then, is commisted the task of detersucces these properties, and the relatentian between the elects of hearty and the changes in the condition of the word mathetic objects are properly those perceptible by the eye or the enr. and houses busine corner audities of colour form presented as to extury our more intellectual some of and With the establishment of these conditions for the work of art of the bountful in art, is senerally appointed openates. But It has never been unweight agreed that he says exists aborpether in an intrinsi and integration property of the object intell's scene considering that celly certain arrans of feeling or mental model are to be obtained primarily; and that an octward object can cell be designated "beautiful" in as fir as a scenedo on a suspected with these stems. No wonder, then, that, ortangled or the contact in multiplessed difficulties, the day, ortangled or the contact in multiplessed difficulties, the contact of the contact in the stem of the contact in the action of the contact in the stem of the contact in the contact of the contact in the contact in

very regulty.
Addoogh, from Plate and Assessed downwards, the adject of beauty had been obten enough discussed, the fart to clein and addoogh, from Plate and the control beauty and the platestage will not Leisland, whose words on the addpect was published as type. Leisland, whose words on the addpect was published in type. The control beauty of published as typed observe perceptions—mittades in distinguished free legs, which, arming a the perablement of position worth, facility and the published and of position worth, facility and the control beauty of position with the control beauty of the published and of position with the control beauty of the published and of position with the control beauty of the published and of position with the control beauty of the control beauty of the published and the published and the control beauty of the control

anaking to arrive at the knowledge of period goodests, has for Salest, a follower of Baumrustee, made an extended survey of the authoric details of the several acts. His work, however, often respective the manual art. Salery ofter buyon first had down that the chief arm of art is to not into play cortain feelings or dispositions of the soul, usuges to seatheries the task of inquiring into the origin of there feelbarn; of detergriver the series nature of the substitution objects, and the confitures under which they must be referred to our perespidon; and the eases situation of mind in which we are best able to receive their reference. Mathetic material to control presents starlf, according to him, under three different agreets, sts hardness and indestructibility it may be taken an repreto our idea of perfection; by its brilliancy it gratifies our bodily sense and stancistes our imagination; And its monetary value year arrest for that quality of goodness in a theor which arm. The methodic phoest, to be accounted beautiful, must be clear to comporbend; it great have manifold but ordedy variety

of gusts, and soily is the whole recent provest any of them parts becoming to observance. Bother weed for them is that the work of art more as over soil; it, ascert serve soon begins auditor ory, as if once great soil-circles such adjustment, but to another to it may be come great soil-circles such adjustment, but to another is him hence over a create constributed in exempting of the contract of soil the contract of the contract of the contract of soil deplication was not the very first subject for contract soil of the contract of the contract of soil of the contract of the contract of the contract of the contract of soil soil

secretary with our as a flexibility force are bridged edcition to a collection of the collection of the best on a collection of the collection of the secretary of the collection of the collection of the secretary of the collection of the second operation of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the collection of the collection of the second of the collection of the second of the collection o

species. So, before, who may be said to have written the first conference trains to the adaptive with Printers Head, of Jones, conference trains to the adaptive with Printers Head, of Jones, who yellowheithe from witners of his "Activité des Trainsesses" in right. The authorite views are in perguid and philosophesis, preparation, taken the written to an Ergibh mode probable, lessing the lessing of Benezgerian and States, recognists the derivation of enrichment into a posteral theory of the beautiful, and a special institute for each primary of are. Markella et al., particular before for each primary of an extension of an extension of a special institute from according which exercises the missed less site owners, and from harmony, planting to the parameters of exercises.

bleading of musical torum. Hand does not occupy us long in the discounting of the beautiful in the algorithm. He poss upon the estimated we first in our minds the sload of heatigs to which we refer all oursead appearances. He says that "he we have now the beautiful or no, and the object has only the property to certife the contract of the contract

bear withhs as the entite to be questioned, that may solve any early freeheas." In a structure seem, the beststift, it will us, may be said to cause only without his bear says of people forms, but only it so far as the object in the free expression of some agittable sections. The things which section is a to be feeling of the beartful stay therefore you will be seen to be the control of the beartful stay that of your bear of the beartful stay that of the beartful structure of the section of the beartful structure of the section of

At impact the ensuel are, vessed potant, secondage in the dependence of the particular, as they appear has the force of the particular and the particular and the long the particular of some flow reflectual parts; the some particular and the particular and the particular and the particular component. The main of main to describe the soul maintee second of intendence testing, causal restricts to soul maintee and the particular and the particular and the particular and product, and cover in the particular and the particular and product, and the particular and the particular and the particular product, and the particular and the particular and the particular product, and the particular and the particular and the particular products and the particular and the particular and the particular products and the particular and the particular and the particular and hardy, through the string, the enterior and particular and particular and particular and the particular and the particular particular and the particular an

which registed incommend transmitted from the legal subspiced from the constituting from the legal subspiced from the constitution of the legal subprotein, make the legal for distributed designs of the resign produces, make the legal for the legal subterior for the legal sublemant of the legal subterior for the legal subspication of the legal subterior for the legal subspication of the legal subspicat

was use armo ring bits work on the subject, by Mr. Paner, is based on Hand's resthed. But I occur now to spenk of a

seeds which arm at a thorough subversion of the popularly held means of maintal philosophy. This is an easily Dr. Schmad Hambick, the well-known artisette of Vicens. ("Vom maikhalah-Schharen ein Betrag art Revinic Kerkerthetk der Teularant"), which has underpres a transletion rise Presch, hat mit, of far as I am arms, yet been introduced.

Handrik complains at the outset of writers on marical methodes having board themselves in stigraphing to decover expressed by casair, rather than with any sound mentry into their elforts as unphilosophical, and their teaching as productive of nothing but a lake sentementality, which, however gratifying to certain grade, office little real enfortenment to rusted to the reart of the are, be thinks, our to mitter to be followed. Instead of comprencing with the subjective impressions it may produce. Poetry and the please arts, he asserts, are reast eart, chandened the notion of adaption a moneral stateprinciple to each and all of the arts. The laws of each sodividual art are dependent upon the peculianties of its material and its terbour. The obsert of heavy and not the sentired subject meat occurs us in authorized investigation. We have and certain distinct conditions of the mond or soul; after what form the subject-matter of the artist's work. A thing that is beautiful in sitell, says Hassick, semants such even if it about cords an emotion or if even it should never be exactited or inspected; it may be unduced for per synthention, but does not gain its quality by virtue of the share we tion (Empfordery) and feeling or emotion (Gefale) we are

c

said, in ordinary language, to feel. The elements of beauty must, at first, by recoved through the senses; but, experient to common thraking, more should dispass us to feelings of reversess, leve, expert, and to feeth. But the faculty with which Hamilton would have us regard a work of art in that which be beens the Fantises, or invey, and the altitude of must that of gaza constraintion from development.

So far as I can guther the author's meaning the contemof the changes and required combinations of tenal forms. hearboared by the pleasurable participation of certain of the intellectual feculties. Although Hambits anys that eatheric laws support resist making a side reference to other sets than exist to iffeatonts his accument. To what architect, he asks, has ri over-secured that the purpose of his building was to could certain feelines in the mind of the beholder? The feelings in etiation to an art work offerd rather a subject for assolutables than nutherical investigation. As Benef remarks: "What is jectivity; and, therefore, the distinctions of this forfine are. The more visce may work you differently once different ment, nationalty, or condition. Some find their utracet pleasure in hitering to a cartain of Back or own of the last deny the power of presic to create emerite : he speaks of event's expectably to roses the stronger passesses, and of the adoption of this property of music, as former and of statistic study. Jordaness and sadares, he remarks, and lettery man, or the news of the death of some cost does to us. But so long an one cannot class such thines as letters, tickers or physicism's building with a symphony of on overtare, so, he thinks, one cannot breat facilitious emotion no constitution an methodic speciality of crasse or see parts color received work. As regards the subject-matter or conexpensive denote this in words, or make referable to distinct idean. We can say, for instance, such a perture represents a flower girl, such a piece of scalpture a gladiutor, such a marin a feed of Reland. The more or less requests realisation mund, decides un as to the beauty of the work. But the feelss, we should be accusteded with the precise section or insertentials from the idea of a harrier condition. Igen to sens, risted with the throught of some udered individual; melanchely is curticular, exchange but the feeling of varies influencion or unexpined personal. We may associate in our minds the colour and with the sentiment of you, or white with the idea of therd of C, or more and destrain in that of the describbed seventh. Bet, according to our author, this is altorether our Hamilick remarks—said he instances the "all" of Buch—which while range of firmed many most be invested. On he stone army, let a theme from a symphony of Mount or Hayda, or proxicate work of Schumnen or Chopie, be played, or even -If It now bearing what is the particular continuent of the street, the most widely different interpretations may be expected. One we are our tell risedy what is introduct to be presented? watter. He occasiders that a union of mank with poetry may

Abstraced what the heartful is more in not, we not for no equivalent is a positive. Heartful is not in the second is a specifically existed. These can be no subject existent in a specifically existed. These can be no subject existent in the Art idistations in additional or in a subject on the real residence of the process, or "put the changed figures and colours of the process, or "put the changed figures and colours of the process." In the constitution of the process from a custom resident less than the colours of the common from a certain resident less the subsect set but those of the face resident mechanical less. So the composer's work in making periodic mechanical less. The the composer is not the process of the composer is not the composer.

but that rather to invent some gravual and specifically manical but we should be wrong to servine that the compage securstraggreby gnough, what he denses to the composes, he allows to the escortant of the work. He greats to the performer the travels the componer's notes cate bring conject. He appe most aspectations vocabal may, when he man with his whole heart and soul. Hamelick then considers the sarses of emotion record by reasts. That moves floorly affects the acreeur factory account has yet been given of the relation of the obveriorizal sensation to the resulting psychological process, of the evert marker in which recesses changes are followed Accepted somes, especially with the light of Heinholtz's or remaining amother elect and elegater. But how should arouse so many distinct scettments of the soul? And here is Hanslick's much. While one cannot clearly chose the mistigrable between psychological charges and the varied checomens of search neither can one have specially cally a theory of the beautiful upon the uncertain effects of the letter. The redinary interer ercore music in the passive sucception of its summous elements. His relation towards music in not introspective, but "pathological." A first cirar, a delicious meal, or a lausmoon bath affords burn the earny species of gratification. The true presidual listener, hosewerk. Doon saveres, many courts a more first error onel inference than it does upon exhibited people. With entirevalue the licenses losses tasts for the rade elegents of art. Handick same class with the desarry integration of the municid scrip-

The first objection to Handlok's views in to be made with respect to the too definible ideas he strucker to the continuous agreemed as induced by motion. This easons he said not to be sufficiently precise or class because its research cannot be consequed by weight. When he supp that the connection between certain music and certain feelings in not always a necessary

one, and that a nices may make some to been while it may upon the same person, they proves nothing but that for the conditions. Even to accept Hazalick's parrow view of the bountiful, the elements of beauty which please secremally are allow a place in art-abdosophy to factitious feeling! It has Labe, in his entireness of this essay, says that not our our corross the subject. He cuctus a manage of Schiller, which I render an follows: "Many I feel go worng to so for that they reales boasty the Vation "Apollo" and other forms of boastiful Weekl that one might venture to put mide the idea of notion are mneverally connected, and set in its place the

Although some works may be of a more formal character that orders, at a pure, as long as I in it must be may extent, some black of the it is must be may extent, some black place conducted colouring, even at, as Andrews extended to be attacked desirable of working and the attacked to be attacked desirable of working in these not follow that the beat nation up by a Properh where, Charles Blancquier, suition of "Philosophic do to Managed." In may be very colour and the second of the second

out the printmense of some distration early, who would not solarly head to be given or do not possible the contention benefit in the draw of the new part was also also harmed from criticating the perimenses, or in washing the marks as as as post as a Shakequestion tragely, provided it may be as as a post as a Shakequestion tragely, provided it not be a considered at all, why sheeting, as, a change from a power refers in a strong log to a piloting real, or as reasonance reported in an extract provided between the conperted of an extracting verocity. Noting could be used against them, it any rate, so identifies provide. So large an people before that they offerow recognition can then more contention that the content of the content of the contention of the content of the content of the contention of the content of the content of the contention of the content of the content of the contention of the content of the contention of the content of the contention o

present, the philosophy of the art, to be complete, ought to take nows notice of this. With report to the "nothelested," amorest Hamfield continue the fact that the car and the eve are distinguished from the other orrana as are-ampountly the authors works. I coper considerations, however, I went not swit to add, as a come conspiring very powerfully to the same and, the oppmate association which, to our expechanisms, is formed between the eye and the ear, as the great value of our accepted broadeden as the only made by which different grinds can preserve coat to only wish by with annexes antrol infairmen, and the most nearly affect to the empoments of the resident. The unconsciousness we have, it both these senses, of any local respression on our budily frame mak atti nobler and more refined." Though we may not be able Proffrate a neutrally state of moutai feeting still the true ordat levines with centuraty what will revene his intention, and the the fitness of the mount to the end in view. And there ideal listener. We arrive at such when we can recard the work with princel appreciation of its form, design, and so forth, and at the same twee above also in its emotional creteris. One rould think too that the most highly califyated listener, according to Hannick's definition, and the one most ingremable to emotional influence, wild not halo to a control entered being proposely affected for resided tone. But the author is fed this many other incomnitrone in the dense in expect the world of models are an exception, and the dense in the control of the control of the test that the tirth in the one that feed least of \$1, \text{ will have to your own judgment. I can simply gove another necessor from the nather I have yout queeted "Objects of whiteverlend," sept. Sorwert, "which please the concoluent about, gover only that there is nonething fundamentally wrong in

Days now just to notice briefly a recent work on authories, by a French writer, Engine Viena. Instead of attempting to construct a theory of the benefits, a gream, Veron cornmentes by taking a clarge at the development of the artfaculty in man. However far we look back in the history of Art is not then, althoughor the entremeth of an electrodist. title. It is not very difficult to believe that the sounds hand by by sounds more or fees resembling their insmediate causes. Thoughts, always concests, expressed thousafers through But there cames the need for greater precision and clearness in the eventuality of his ideas. Better to company with the now state of printingnes, other reades of expression have to be sgurht. There can only be found in sums purely carreetional. Ther, by opposition, the occurrete and personal imand removal arts. Art, in discovering itself from the factities. oursiv larged and intellectual, becomes more clearly defined. portry regular and extended. It is no become a consister but a tions and sentiments by region of images and seconds. Manbeing reaccount exacutable a nemouth six entire, can struct on grieve over the sorrows or pleaseres of others as well sales over 1 even more striking and vivid than those of reality. To this extent, according to the measure in which the artist's redisdeality in it is declared. All the, combraed with the statecolours, tones, or forms, makes up the scalestic delight. As such little produces in attached to the week hearty, Viscou would decided a fixed or may write a speciation to the term, deline statistics of a strink; produce the abject the state of the manifestations of artistic product. When contributions were When contributing the control of attachmentally When contributions

acceptance on smile genual. The special by Near spice is the operate report of the primary reported by sear one first shown. As finished Spinots. The latter, in the entry one "This Deep seal Price. The latter is the spinots of the primary spice of the primary spice of the primary spice of the spinots of t

The second process of the light that t

the field of authoric integrity is strictly of to limited to occur. Though, in my mich, Hemidikin work is very statemisticatory, at if the smoote of interest it has control describers, though the field income in English. I shought might were mention are in discounting it in the place. I will lookly may be considered, that I can slarge position; waste fields by thing about interietives and theretical and the control of the

manage of the same of the same

The Courses having swited remarks on the paper, Dr. Stunera said he could only speak with diffidence on so very wife a subject as expired mathetics had become come. serve attention to ashirots surrounding and connected with it, he had come to the conclusion that nothing would over be properly dealt with, until it should be approached as a sobguestion of regulari authorities was considered it would be found driffing rate one or other of two views. One view was recognised as occurring to projects or are, and in taking up the subject of authorize, it was considered by many that the aware In this year a resection was just as earth a sevened as the restend of in words; and those halfing that view considered fortunate correlation of art with nature. The modern idealist did not desire to advocate the idea that there existed an ideal of averething in the universe, as was held by the Plan speciets, but they to some extent coincided with the ald notion abtured from namething resident in the Bests, and resid therefore have had an eternal eduteron, and so for they comcided with the idealises of the Platgest school. Then by the other school they would find themselves taken in an opposite deperture by their authors, notable he that of Views, school hook was no doubt of count value, although mally there was your little about mone on it, but those who were at all afraid of basting under their feet, had better perhans sayof it. It commercial by tracing back all ideas of the beautiful and of lawner, or what-

of what was practically either "nice," which was pure seasethat view of the matter was purely subsective, and the school objective, an that in their expressions with regard to the excelalkaled to the work of the man being the important factor in a either to be identities or materialists-west a very element choice; but he thought there was, after all, a middle course between them, and would senture to state it, however cobenefitful in art should not possess something of both views. first, that those ideas did exist in the Divine syind-all Christians must say that-and also that men had faculties secreed to be the celly resecrable one, because it emboded the certain extent the authors of their own future in art. That middle view, therefore, between the two extremes seamed the only astisfactory see. So much for the philosophical side of the question. Then on regarded the entirem of mone as an art. That was assailed from two very propose sides almost as ness that it was no indefinite. When he was told in cirture representation he rebelled accuract it, and would prefer not to be tald so, but to be left to himself to interpret his result in whetever way he chose. Another school of art critics had rablect as an art in itself. The country was ranky whether the indefinite manage of expans clevated or depression its character soline, but morely as if were to unlock in the mind higher trains of thought and such profusions should be con-

secretary to its power, not of culture on a definite set of emoname; send they are processly, after rearing a fine pace of name, would need to be left alone until the effort it had senfuced upon them wars off. With those who called that a defect in result he could not agree; he thought, on the convast amount of muchief had been done to art by holding that its laws must be exact. Could sewthing, he would worked on and humanate at large progressed, there must necessarily be a sheltery standard as every agrees of thosele. was foliacious and wrong. Another matter to which he would allade was the curious revoture, in very great and would allade was the curpon frontert, it was your non rabbine works in many, of comedicing intended to be fundy or reld-s fact no less stelling in received works than in the plays of Shakaspeare. In Beethoven's music there was often something which excited surprise or insubite, though on the exciton of one. So I was in some of the most withere paragons of Shahomears, where a fungy follow would be introduced to set the sheater in a root. In fact, such arescould see and appreciate the miliculous more clearly when set universal occurrence, so, for instance, in courts of law, where, Doubtless the aboard and the ridge loss research themselves. more which when standing out on a background of deeper what the composer put into it. Emetions pussed through the wind of a below near delicately operated like a componer which would enable from to write pieces appealing agreember to the feelings; but he thought that to study or look for those forhers in the actual pices of music steel was (Export, because pleasure as that which was so rendered as to present a refrecon of the companying rapid. The field presents were all the working the contraction of the principle for the contraction of the field present of the contraction of the field present of the contraction of the field present of the contraction of the contraction

reg that heavily is not seen from Gred. the effects that comess freeze may be comed to the come that comess freeze may be comed that was made when the comess freeze may be comed the whent they want it remembed to the come of the come

the matricia character and expension of spaces, occalled a very agt naying of Sichard Wagners, in one of his works, that " just when speech ends more begins." Mr. Bunkerspann: It was said baker Wagner's time: he

Mr. Norre blakend from use a, and mad be dreight the scatterine appeared in the Mark of the Lymps. Marking consistence appeared in the Mark of the Lymps. Marking could be a purpose at should rathe be attack the only in department of the Mark of t

Mr. Benezisean and that any remarks he had made stool

It seemed to him that musical philasechy, to be complete. made to hold it, but the existence of the water could not be decied. It was difficult to attempt to exceptely classify and

securing the effects of mostic bot beausing difficult it mucht be the tooful and the sad which could be accorded in a definite The Countries, other Dr. Stolent's very sluborate remarks,

the use, in use of the writers referred to, of the German term Mr. Banacare are said the phones was one most difficult to

The Cassanse said the shress correlaed the subject in a righted, and it mucht very well be rendered on abstract over matricell, and it mught very well be residered as abstract con-sideration or conteceptation. The term, as used by Schiller and other art retilementary, mental the challent contemporalities. out forward by Hamilek, that it should be dealt with by rethe upper to the similarity of effect produced upon, say two

people, by a cantata of Bach or a symphony of Beethown. Mr. BETARIFTARE explained that this recent applied to music pregrate, with presed to the fact that the same rance would produce varied effects once delievest produ-

The Courses and the matterwar one of traceur. Take a Beethoven, some judy maste of Officialsch. There could be no doubt that productions like a porthomous work of Bestberns or a contact of Back province a near different natural a militaine much or a value. It was there, in reference to the emptoned effect of music, that he thought Dr. Handick

that the couries of the square and that of the residence

is igon at emotion imagerner.
The Courresse recommend that he had hitely seen the renort of a Civil Commemoger to the Colonial Office on roppe pative. more in a created from perce, because in letter than a contract on the contract of the contrac

The wote was recorded and carried uncernously, and with a similar vote to the Charman the receing adjourned.

IN THE COME.

QUALITY OF TONE IN WIND INSTRUMENTS By D. J. BLOTLEY, Esq.

It may be in the remembrance of some now needed, then in which I endeavoured to demonstrate the effects produced by of spend-waves senerated in each takes, and consequently but. The summary of the matter than brought forward was ruch a form as to rive the series of intervals producible from an even, and not from a closed cylindrical tabe, such form

quality of tone that I have vectored to ask your attention this afternoon.

examination will be found to establish only negative facts. One of these outcome is, that quality of tone depends greatly upon the material of which an instrument is made and the other is, that tone, as remarks its production at all it in a large measure due to the runh of sir through the instrument, that material has little or nothing to do with the matter, and one such I can now separt. (Puber bards sentented with on of supper.)

With sursed to the second openion referred to, a little cona contra-base section or bombandon; the forward motion of one to blace inches per second. Any laftenece which the more passage of the six only bloom, one be reduced to send by enabling notable empowers to some the measurest without passage and through it. Assess the cap of the mostle-piece, journation than a displaced of the mostle-piece, journation the min, a displacing of guildancies in from a recentled, so as to exclude frost the metrament all ser isossing from the flags. The breath find is enabling by many of a small their

diaphragm.
(Experiment—Bayle, with deephrages mostle-pine.) All the proper tases of the budge can be thus survivale without that jorch being alread, and although the minents in small, swent to the loss of force though the emopement with, yet the quality is furly procured. Locarny cod of question then be equality in furly procured. Locarny cod of the contraction of effects of materials and the groungs of the six, we are selected to the consideration of the subsequent of the con-

184. The form of vikration given by the lips, reed, or other help originating the wave matter; and and of the form of the reseasor: its power of reinforcing, in equal or varying degree, the different sample vibrations into

which the compound time produced by the observation may be small produce.—Form of whiteline. A simple pendular whether producers a pure or simple time is an executivity.

The vitaments produced by all the admissiply source of brainfeld theory hall will regard to these being beams as 7 confers's theory hall will regard to these beams as 7 confers's regard general form of officials and all regards produced by the addition of among what produced produced by the addition of among what produced produced with within the confers of the piece method. Trackfully as well within the confers of the piece method. The conferding as and all themselved by the same of within the conference players way, and its judge from the eitherlight mediatorizated players reported to thinking read to their trains, the among an identification.

and Dirivities.—Form of seamator. To understand clerify the waying effects of reconserve, it is necessary to hear in mind the difference, in their powers of cottring tied sympototic versions, and is been plot and highly clashift to key such as six, and is been plot for spin as a tasking-form. A cross of the reasonal in while from the cross to one of tooms, and overce for reasonal in while from the cross toom or tooms, and overce to this power we have the confirm of partial measures constantly occurring in a systemical give that partial reservance, or measures of varying intensity, any be shown by merely varying the length. (Experiment gray rely.) Box it may also be becopy a shown by also length of the contract of the contract of the proposition of the company of the contract of the propositions intensity of the contract of the propositions in its measurement of the propositions in its measurement.

concernment are now right remeded by the lags on fiver remeder of different forms, our is parachaped paragine long yellor, a creat frontenen, a longly, and a sylmetrical being.) The torons produced from those fore resonations to the period of the control of the control of the control of the period sound of yellows of the control of the period of the control of the period of the control of the control of the period of t

displaying of each. Texture good relative displaying in reasonal or sign that some parties of the same scaled or better than the track, where the begin is unable of its above that the track is tracked in a state of the same scale of its a state of the same scale of its a state of the same scale of the same scale of the state of the same scale of the sa

the note an octain lower—we get in example of the effect of partial processor, and an originate of the infatronthy between intensition and quality.

Without attening the form of an instrument, it is possible to modify the quality of any particular note for experimental purposes, if the positions of the nodes of that note an known. In this budge noted displayment can be inserted at the value.

purposes, if the portions of the nodes of that note inchroner, in the portion and disphargues can be searched in the nodes of my fourth proper tone cytis, and because the nodes of my fourth proper tone cytis, and because the nodes can perficus where the use is at our, the power of the instrument to give this particular node in not destayped by those desiranges, has every other acts in prevented from sometime. (Experiment—Fore smoother experiment properties of the nodes of the property of the nodes o

Such sough expedients, as have been just now considered,

are however, although useful for experiences, and possibility asymbility when roses than one one in expected from a track processor and a symbolity of the properties of the comparison of force adminishing one way the reconstruction smelecting; at these to any approached content, with occurrey of interaction. These bears instruments, the specter recolouses, the expendent, and the Ferceb hours, may be taken for examination and correptions.

the inflance of those pagings on a set of monators.

(September)—Permits about by each when 20 is manaded.)

One wind instrument may be reade to approach another an
quality of tone by varying the manager of blowney, and therefore
it is not appear to be somet data in the the matther and strangely

It is not easy to fix eased data on to the number and strongth of periods, yet the average results one afficiently plans SOALE OF PARTIALS.

No. of

Sentrament	Neue	No. of vibrations	Facial tones leard.
	63	64	5.5.5.4.3.5.60 to 16.
tý Tromiona	10	100	E. S. S. 4. 3. E. Sc. 10 10
	1	184	4, 4, 2, 4, 2, 5, 5 Ideas to more.
th Espheron	10,5	- 64	a, a, h, a, h, d, die to un, bigber
	150	124	1,1,1,4,5,6,7
	1	180	1.1.2.6.3
P Franch Hora		135	1, 2, 3, 4, 3, 6, 7, 5
	1	180	1.2.3.4.5.
	1	354	1.7.2.4.2.0
Bộ Cortes		397	******
Begle		158	*******

As aguele hous entropents of different shrateron, the skild point inflationing the one such the present forces of the institutional (salestroped large to the present forces) of the institutional (salestroped large by this the properties of the coloron of six, one as the shape is selected in the souroff the final part of the large colored or of the final part of the salestrope of the large colored or of the institution of the salestrope of the large colored or of the salestrope of the salestrope of the large colored colored or the final salestrope of the large colored colored or the production of princed for about practical of the large final production of princed for about practical of the large final production of princed for about practical or of the protection of the salestrope of the large final production of production of the production of the salestrope creating currenters from the ment-by-see by the run of the leaf-Cylindred things has the power of mantanzing the composed fieur of solication engineed by the leaf-see composed fieur of solication engineed by the superstring or ofly of mentalizing but of specifying, and suppressing the profile notice of the transloss are no powerful that they destrated the plant of the stars. The tree prime or lowest poils note of the start of the stars from the profile of the poils note as desirable? — and therefore the reconnect of the contracted to the flowest print of prime of the note according to the contraction of the start of the start of the start of the contracted to the flowest print of prime of the note according

In uniformeets such as the sphesion, in which the dissector registy increases, force in core to such materials with strength of the high sortial boom as the unradiance of the strength of the high sortial boom as the sure of the families of the such as the sure of the families of the sure of th

where the next is very worther. Governmently, members the next is very morther for the next in the nex

The total length of the 20 totals are (every pink) as about using which the mostly spec and otherboard table are 6, and the tell at most length of the special (b) is an another, and the profitables the installant length of the pink of the state of the special of the state of the special of the pink of the special of the speci

whenting tening-fork on a sound-hourd. Touching the board wrighthy with the fact the prime took is well brank, but on previous the fack down to the board the long appears to pump up an occurs; at heat, the second partial in heard with great distinctions. (Experiment—Fer ign as some board.)

To only at all large risks the offsecast continues on whether the continues are supported by the format integration and integration and the gappe, the of few restricts in the principal order integrates. In fact, the fact, the start of the principal gas their violence in makes in the principal order of the format of the principal order of the format of the principal order of the format order ord



(il) priminer—bermha-pul and pho-there is early in it of \$10 shalest). A critical is the question of inflament of \$20 straining Sec. in this is the question of inflament of \$20 straining Sec. in this primine plant of the priminer priminer priminer priminer priminer priminers and the end which is beard down to it, in the assess way that is remainted be subtained up the whereing on a straining first, and the end of the subtaining in the subtaining of the subtaining in the subta

There is a consideration arising out of the class of experito not before you for criticism or confirmation, as the case may be. We have found confirmation of the fact that the is overstead in rodes of lose rately. Purther, different continuare nounded on them: for instance, very high notes on the within the clarest, and the flate, to see differ from each other in quality near to much us do low some on the surse patraments. In this to be attributed altograther to the ponproduction of a great variety of purtial teens in notes of Note terrated? It appears to me to follow as a necessary possibley less within that first regat produce the same effect upon the car, wholever their wyordown, and that even different tones. which he well within it, may be comewhat modified in these is not the same in all care, it would follow that different bearers would derive different impurations from the name note partials to be sounding, one hearer, whose range of hearen bear only the prime, and thus receive a totally different increasure, and would not a different occasion as to the quality of the note. This suppositions cane may perhaps

seems to explain any source.

The best experience in the envisionment to the high ground the process of the pro

I face I may have wended you with a man of technical detail, but it appeared to see that for the investigation of this subject such details were necessary; otherwise we would have been drawn back upon vague conjecture.

presentation

The Courses having systed remarks on the once: Mr. Araw, I. Easie and that one arrightfore result of the excellent unper just must, and of the experiments given by Mr. Bladey, was to demonstrate that quality of tone de as appostable manner by the visible vibration of the beads werehers of the Association, who was not present, maintained spective of the very satisfactory results of the locture itself, it was especially interesting to him (Mr. Elbs) with segard to ence of partial trees without the aid of resonators. He had so that he had been able, by judging from those upper partials, in a second. Down to as live over us 16 vibration in a partial topes so streets that their was no difficulty whateve existence independently of any respector, because it was only when the pitch of the fork was anything near to those partial tonce that heats could evere. He was not sware solether ment to try the effect in other instruments, though comply the bests could not be essettly counted, because the blast could obtained in the other instruments; and it was in fact may to scood. When the tenes were so low as \$4 vibrations in a sireton, it was dreadfully unpleasent to hear them sounded same attempth in higher nates, they would be uncaderable. It was cally when the cartials were comparatively buth that they gave that potabar bulliancy of tree which distinguished as the bell of the Prench hors, the effect of which had been practice, but it mucht be found possible to enfechic the lower at all the areas. By this means a new instrument might in fact be asoduced, and one which people would probably lifes very much when they heard it, although colder asyching to which they were accustomed. The trombers was well known for the power of its upper partials, but those upper partials, when belonging to a very bigh note, would be necessarily so scute that ears could not hear there. Taking a patch of your which was not a very high note, and taking meraly the twelfth or double notate of that which was order our a times traca very birth note indeed was produced, and one difficult to on to so, soo in the record. He had beend and produced them. in fact, bresself. So that if was not exactly tree that the car rated with each extreme weakness that they did not produce a sa Mr. Haddey had parced out, was that in the higher notes much releved, while, on the contrary, it cares out expendingly well in the lower notes. It had, perhaps, not been much observed that, so ordinary speaking, that which differentiates conseller of the high norticle in the tones of the years. There was thereby caused a great deal of burn in ordinary speaking by the want of differentiation in the toest, so that, when the

On Quality of Tene on Wand Instruments. clear. That was still more the case in counder the contonanta. At any considerable distance the consonants were not beard at all, and, therefore, what the speaker was stying could red by flatterwished. That about it fart that a count more he had been brude studence. He broad Mr. Maikley smeld on valuable. He was truch struck with the experiment of blocking up the tube of the bugle in four different places, to not being in communication throughout the tabe. That was a be exceeded of figure to explain. He hoped that as Mr. Dividence of few declar outh cross cross is their managing current strafficial forms of tabes, such as had been used in the means a very negative effect had been sentiated. It would knowledge of the relative intensity of the partials. It was well any estimated way of done is at all. Another point, with Mankley had catablished the existence in the clarinet, for married and the even partials. They certainly extend there. but whether they were produced by the rection of the air is the instrument, or from the communication of the motion of the mated, and he hand Mr. Bladder would worst-use it because

it was a very important point in reference to Helmholto's theories. In conclusion, he expensed himself such gratified with what he had seen and heard in the increasing paper and Professor GENLLS ARABIT was especially interested in one

concernants of Mr. Bhelder.

matter which had already been managed by Mr. IIIIa. severate closed popus-for that was really the result of iseach of which would sound the nets given at the and of the you clearly since to the other. He would use Mr. Martiney in its he placed between the different portions of the tobe and whether cuted by reserve of the rane study. The drawner of the rane rate handrouse and he conflicted not be added to the rember of claring steel only differed from the closed sine by having the kewholes armosed along it. In Mr. Bladdey a experments there were called harmonists accountible. The superstand nation of other responsants year to it disturbing the sir, and it rought to be receipte to evodure all the barmonies which were day to the instrument shalf, but that would not be the guided as an open pipe. It was a very interacting point for consideration whether the harmonics really beloaned to the

Mr. Exam pointed out that there was also a difference rande by the action of the hell and itself, as laid been also so the

Mr. Diazzazz, in only to the stream's which had been made, stilland to Mr. Zilia's chourteen, worth rappet to the possibility of producing instruments with times approximate the properties of the properties with a great class were gradually other entertainment of the properties of

On Oscilla of Tons or Wind Instruments

a slight, but you good procurages to the new partials of easy as a part roy or fact that a care desirable of the next the same of the same

the behavior and a proper process of the accounted for the table closed by the displements could be accounted for the process of the process of the process of the counted for the commence of the counter of the process of the counter commence of the counter of the counter

A vide of this as wis uniconvoluty sweeted to Mr. Blackey r has paper.

0.00

Two mover on " Berken," which I had the honeur of reading where I readed for many years. Everything connected with Chopie has, at the present day, much more than orderery concept date, its are present any, around more control to the public by performers of different nationalities, expelle not only of mostly sound which personles his correspitions, they are in most cases well rendered; for so one who does not thoroughly appropriate them can bree to interest an audience. In the factor ray overacks with a abort account of his early years. In a village peur Warnew Cheets was born, according to Karasowski, on the first of Marsh, 1800, and not 1810, an tractifud on his moneyard at Plot is Chaire. He had usdeciably a delicate constitution, and was after impliced by a lewing mother and eleters to wree up carefully, a recount net asserted by Withelm you Kalbery, who longer him well that rill murbood he was only ill cove, and then from a cold, Gross saarmentions have certainly been current respective his health, and Goethe man most traly, "Peeple believe the truth so little because it is so simple." To this surfact years Chopes was so scenitre to mouse, and showed such a desiled Zween, an amount oned word of Schotten Bath. Has progress be should a concerts in making arrest to a bumblerer include and soller. Reinmosked by his mosher, after a lower emorace. "What the public liked best?" he nalvely replied, "Oh,

marana, everybody looked only at my colleg." His sucress. a goost favourite, and was received by the flower of the artificenery. It is recently appropried that the first also of future eventures was suggested by the present of a watch given him in 1880 by Mudsene Catalana, which beer the butted in extended emourae cheefs, and to render them cary, he manufactured a mechanical constructor which he loops between his fingers during the night. These who have played his Eleventh Study in E dut can folly understand the advan-

Charin had estacolinary visually of temperament. The would get up and play some passing thought, to the assembment of the servents, who, not understanding here, weekl say, with a thake of the head, "Ah! the poor young sunfernal's print is affected

With Eleger, who first discovered Chopia's creative confnality, he learned econterpoint, and with here he was pasted till durth in the honds of louise friendship. To those who preparied to Figure that his world did not adhere to the camorany rules of respic, but followed his own faces, he would say, "Leave him slope, he does not follow the common way old method because he has one of his own, and his works will moved an aristiality hitherto principal." Many a matter Belish weter Influe Blazzles man "The lass of some charge, emotor of those expension periodics, emposted to the cettare follow-students, many of whom belonged to the first Polish nobibly, who frequently had him as their guest, and with where he accepted the manners of a countier, which he retalend through life. When he was fifteen he had all the grace of youth condend with the gravity of a spore matured agaHis physicignous year thereming, and the absence of manufacture development to the first lody operator has at all times on object of the neighbor intensit. With his next all years of highly operators, The others of also winds and, the object college of his conversation occurs for his role amplitude of his conversation occurs for his role amplitude of his conversation occurs for his the amplitude of his conversation occurs for his role amplitude was defined by manufactured for the conversation was defined by manufactured for the conversation, but the confidence has the conversation, but alleging supplement plus vices remained.

the modest. The second second

as a store after, which is called a policy confirmed by North Proceedings of the State of the St

assembled musts in a speech that had a great deal to do wish the informative of the specifier, and a held supervise on her accounting a connect in Vinnea, which did not take place. The

fact of his being a Pole mused mespeculic difficulties, so many being sired of componenting themselves. He had a erest desire to return to his country, and fallow the army with notely he was discussed from his walks recross, and his a letter to his most extenses friend, Educaber, he thus writen . "If would not willingly be a burden to you father more I not afrond of that I should immediately return to Warraw. I are coulde to. I have lost my peace of mand, and only feel happy This car was even to him by a years' Polish lady of whom sages letter, he othe, " Date she really lost as changed? Do one think she was if ? Whe is of each a presided cutters long at my beam beats I shall use cease to adare her. Tell har that after my death my sales shall be spread beneath her

a Monday or Friday, such days being considered unjudy in Poland. After some difficulty about his passport he cares to Philippe on the threes, and parties were politically divided. hes pupel, and particularly so other hearing him play. In a letter dated Discussion 6, effect, he may "Kaliforments" touch in faminating. The quicteens and equality of his planing are indescribable; every agts proclaims the resiter. He is trair a rises who dwarfs all other senses." During exceed then his papel for two years. He wished to place himself under his care, and was grach surprised to find me discussing him from it, eminy: "This is strongs raded from you "Not se," I replied; "I thoroughly value my master, but I see an ordinary mostal : you are not therefore remain as you are: for should wee become his nugit, very fittle of you will be left. If I mistake not you will become a great errier, and many

of your peculiarities as a player will be instaled even by Kalibierane's paylis, when they have fasshed there time with him." To be father and others, whose advice he willow, he communicated his wish, the foresame result of which was that he returned has now nearer.

at manuscular de over attendir.

An entre de trois de construction from the tracer of Procision

An entre plant plant per de tracer to the recision of the construction of the constructio

which are realized with present times, and the off-content of broaders for good and man and the off-content of broaders for good and below and the off-content of broaders for good and below and the off-content of broaders for a beautiful to send the off-content of broaders for a beautiful to send the off-content of broaders for a beautiful content of broaders for the off-content of broaders for a beautiful fault content from the broaders for a beautiful to fault content from the broaders for a beautiful to the off-content from the broaders for a beautiful to the content of broaders for the broaders for a beautiful to content of broaders for the broaders for the content of broaders for the broaders of broaders for the content of broaders for the broaders for the content of the broaders for the content of the broaders for the broaders for the content of the content of the content of the broaders for the content of th

The cortest which he gave on the ofth of February, sign, wet financiarly a failure. It was not particularly by well-to Picks; scancely any of the moving French public were present. He glaged his French Choncuts, other pieces sho, and a Polomize for two pusses with Kalkberner, the accompaniper perta being piece on other pieces beginning to Chapter. Stantey, and Sewinsky. Many Exact be 1818s; Ochapter. Stantey, and Sewinsky. Many Exact bread to constit three days: Lot a weathed nexture to Warners be parented for his been end fish deeply feel his season; On the very day that been end fish deeply feel his season; On the created for a period Regional, who go that created to a period Regional, who go that created to a period Regional Regio

In was preparen, for his departure has not Prince Workfore A. A. Checkelder, T. West the training point and course. He departure and the course, the A. Checkelder, T. West the training point and the second point of the second point of the spituations for known that the second point of the second point of

rone through but a few base when there was a rush to the plane and general laughter. The cause of this was the received. During Mondeltselm's want to Paris he frequestly drand at a continuous with liftler Choose and round each programs the change in term. One present at despet the conversition turned on authors and their massacripes, which was very animatol. When ready to loave, it bong my tern to pay the hill, I called the walker, and sected of askins for in note it haver. I need, " Octoom attender new notes community." which recreed to tickle the faroy of those present, but orpecolly of Choose, who was much amused at the prefunction. He was fond of relating observations overheard by him on He was some of reasoning encountries overhead by time on himself, cantrally of they were enforcemble. Dee of the perticks was, "That youer man has a light tough, but he can't compose." Choose nover implified other composers. Schumann speaks highly of his Concerns in E and F minor, making marry over his opposents, whom he hamovestly blazed to the French in the time of Lean-Philippe refusing to recognise the learningsto Duke of Modean as king, because

he assented the threat by a production.

Solution of the root to papalarise Chaple in Germany, primounting him at once an unesspekable gradus. In a letter to Heinrich Dors, he mys: "The day below protecting, just

as I had received year letter and was shout to manuer is, who hould well in ble Chopin. This was a great pleasant to me, and we upon a delightful day together. The way he sate down to the punce in senestingly impressive. Too would be seep pleased with the playing. Imagine to journal perfection together of 618 own merit.

Here is a special of the shadow, is they that a time of the same o

an insp. trapps give his second guildre concert in Parks, at the Blaken Opera-brease, which was in a potentiary price of view a great success. He played his if muses Concert with recherated secondamentar for the first time. He rechted playing was not heard to adventage as an large a theater. He was drappointed at having fields to exceit the certainsium he wished fire, and for a long time would not westere as purificen in a large public half.

When saided the studied much before grown; a concert, he would arrow, r. & in a cheedalf were for me; 1 to not like proble life, but it is part of any nodesistan. It shat report is not expected to the contract of the contract of the contract to the contract of the contract of the contract of the contract formula, he would accompany may, "I before that you much finally, he would accompany may," I before that you recognized, more on the fathers is extractarial." Must of the Cherpit's rided lypic, whose were embedded half for horse about formulating the contract of the contract of the contract of the formulating the contract of the contract of the contract of the formulating the contract of the c

edus. He had a strong average for agothery coursess after a representation of "Hameson," "You have been wrong in notices in it posters for the last name." To be heard to was his peculiar characteristic. "I are not adopted for giving public, they breath saffer see; their curious gaze garaleses

me, but with you it is a vocation, for if you do not please the muldic your know how to arritate and carmeterly them owner a cure. The young ledy whom he worshipped in has calmed his andres stick, so which so that he was seen exwhere he met in Pass. All idea of future mayor was given he all he design). Alast his hones were agus Michtel, for circled to be a counters instead of the wife of an artist. result, he allowed himself to be consumed by a recet closer and talerted woman, who secondary to Karangwale, corresed a reast baseful influence over him. This look was August Dedovest, the celebrated Prench authorees, who wrote under

Here I may observe that on this sobject I speak only from bearing, for I was not nervorally acquainted with Course Sand, though I rust her frequently in society. His heart was Defress, well known as Genne Road, but I do not like her free, there is compliant in it that cerels run." The way managed of choose, and when with him her cuther marks frotunes accorned an attractive softense. He felt a basen unide in horse haved by a worrest of Rayceson

the core became to recipience his world from his terms winds of arrows where were Lines, Hiller, Are Schaffer, Rassaus Dela cents (two forages painters), and the German post, Heisenah centrary to advice, accompanied George Stand to the inland of Malorea. Here he soon became warse, and although he

.

irracination. George Sand then writes of hem: "Choque's character showed itself in varying discarrategors; although sensitive to all rearist of friendship and arraics of favour, he would remember the alightest offense for days and weeks tonother. Real greef never treakled from so much as small ventions. He could not overcome this mortal weakness of terment hyperif reservable with melanchele thoughts. His excessive againty about tribes, his insurerable reournance to have made his residence in Majorea very distantely to him. But he was not in a confittion to treast, and when he was obliged to remain at anchor for three weeks. Our stay at the closers was a mixery to Chapter, and a hard trial to me." In writing also to a friend, she speaks of Chocen's obversal sufferings as being increased by the most dismal impringless. world, Chapter had dreadful vations. The spares harnes and departed friends serifue at him from the abodes of the electified, he ignarines that their bidess forms are at his bedside, or that he is tearing bestself frees their cold embrace."

ment of the state of the state

enfection actual quirted her for even.

This account in centurely the one most credited by those, and they are many, with whose I have conversed on the subject. I think it has fale, however, to being before you the

estinion of "An Oscelan," an obven by the Mexical Transplantion the champion of George Sand to dorselsh Kumenwill, as Linet. My consider in set a demolsthery one, and you will have to draw your own conclusion from statements set before on hor. Her northern was a recoducte resinful one harter

as melety purchased after cirkt years of maternal deveton. After the expansion Chaples was laid on a sick bad by griet and spitation, so much so that his mosvery was thought named here with appropriation case. Through the indeferrable efforts of doctors and numes he somewhat recovered, and gave One evening, when walking on the businesses, he said to a (riend, "I wish that some good gerries would get twenty all, and I could include in the complet of which I am so ford." That right he dreamt that her wish was realised, and a few done after, on opening a secret drawer, he found the desired men the eight of Miss Stantons a South larks and one of his cave the Cloo, which becommend to place there. Having had meny invitations to visit England, where his works sheads argaped a well-deserved popularity, he started for London. entrainer and wart of alone materials report his weak constitution. He accepted environments in Scotland, but the climate was too severe for him, and his Scotch friends, although with the best intentions, gave him no rest; they would introduce him to their relations, negitively hilling him with kindness. In a letter to one of his friends he save: "I have played at a concert in Glasgow before all the Assar solfs. the window at which I are written community the most soloudd view in Scotland, I can see nothing except when the Six a Suctiment. I fed weaker and weaker, and compose not from word of melination, but from physical contents and better. I am in a different close ware were.

A reason and the second of the

and sealand him. I heard him then for the last time, when his profession was fulfilled in part, for his playing was not of his playing and of houself. He was now longing to be back sweet. Before leaving London be derformed at a corport for the benefit of Polish emigrants, which was resourced sworded. In Panis, his discuss, which is also murricated decided averaging of an affection of the lanes, made raced process. He seemed in a misener to long for death, and expressed a with to be based at Pine in Chaine, beside ReTire. His last hour was now approaches; He saled the Countries Peroka, who was wearing betterly, to sing something. Manbesubful. My God, how besubful Agent, samm? She his bedside. Evening closed in, and the next morring, facility a little better, he asked for extreme unction, and contented to a fifth belief, he heard for estrime unclion, and comessed to and, after maintenant his lips with water, hasted the hand of slosed hat eyes for ever. Many a tear was shed when his death became known, for he was beloved by all who know him well. His funeral obsesses took place in Ports, or the Modebeen Church, where Monart's Respiers was vany, the sale party balled taken by Meadannes Voredut-Garcia, Castellan and Samor Lablanta: Manushar conducted. Choose's Projected it R and E miner was placed on the orean by Leftbare Welv. According to a custom less common than formerly. tedions.

coccuts, and a public of enquisite workmanship, filled to the beins with his native earth, which he finally chembed, and which was presented to been electore years personally as a historyset given so Woles in his benow, was now empired of an openium on his cells.

as contains on his cellin.

Those of my softeness who desire to know more of that guestly gibble maintain will be anoth regard by the persual of his life by Jean, his merry and, lowing ferrors, also by gibble and the life by Jean, and the size of the life by Jean, and the life by Jean, and the life by Jean of the life by Jean, by Monte Karistewski. I lim an easy matter to compare within a short space of them all that is an addiscus would like to have and a lecture to report. I have lend to deal with my religious to as to give up to a model information on possible,

The Common proposed a vote of thinks to Mr. Osboroc, for the intercurae oppor he had error, which was carried

Mr. Dutester, in admonstaging the complement, and in wear always encoraging to a (section to find the disease approximately bits and more and it was a specially so to have under grown circumstances, as he had been suffering for neares grown circumstances, in the last between the contraction of the contraction of the contraction of the doubtful whether he alward be able to cover; indical, but thought it would be necessary to have kinesel transported free the street through the darweng-coom window by a crase, or small that furgues at walking opsimer. He globed the glid on small that furgues at walking opsimer. He globed the glid

organt to Chefin.

We find on all in homology of Chapin was chiefy derived from Gravita' "Manual Distinancy," in which it was rether represented in all Killshomer derived to have Chapin for a papel, and find to pursuals have to place himself under his memberations, and the heading appeal with the account Mr. emberations are like heading appeal with the account Mr. examined from the heading appeal with the account Mr. examined from any further particulars with ragned to Chapin forwarts paul Gaussia, to when he had effected, or may

other of his papels.

Mr. O'roo Gonnatursor said he had had the good fartner
to be present at the concert in Paria so which Mr. Otherese
had referred, in Hag, and will revisited a perfect recollection
of it. It was at the end of Francey, within a factoright or these
events of the revisition of 15,04, and Chopu are then attempt
affected by the finance which a year and a half inter took him
off. He was extremely weak, but will this playing—by remote

consumment of Product Cityles.

of that menched pergly whele he presents, of graduate in tends—bengang to our five regions of mentiones when been tends—bengang to our five regions of mentiones when been produced in a facility officers these ary practice player he produced to the product of the product of the product of through all graduates of tends. In Mr. Ochoren has been constant, for robotic hydrogen ser mady to enable playing and such as the product of the product of the product of the whele the right hard gentlement independently, just not such as the product of the product of the product of the constant by Prof. in wheth the vary productory partial is necessarily. The product of t

forward woodest would sing properly accompanied by a sympathetic accompanist. On this occasion he played on an had a great fancy for the pranon of this makes, who was hannell a great performer so well as an instrument maker. This concert was particularly supparhable in a nortal peret of view, because it trek there alread recreatiately below the tion of February. Of course great excitement followed, and be with when he played a trip by Mozart, and by one of Madanse cult to obtain admission, for Charles, who had been troly described as a most munitive man-which secreed to be preeminently a market of unitary constructions and each had a for expected to here of those who excit to be advanted but he what that first, and made a salection from the selected advance. The room was heartfully decoursed with former of cert. Cheen played, in addition to the trip of Mozart. many of his own compositions; not the tramer-loss over, such as the A flat malescine, but sourced of his posterous and studies; and the saffence was so entactered with his slaves that he was called forward agent and agent, and played some of those lines welcon which had made such a semanticy all through Raymes. With record to his tracking payors, are one were, in the remove operate, and given the only correct and true edition of Chapita's works, a Norwerten of the The state of which is the state of the part when by the latter can be an early when the part which is the state of the sta

contents and Coople who it may be compared to the contribution to the cont

sitions; and Chopen was ill long enough to see that all his

states M_1 , A_2 , D_1 . Concurrence said he remembered some few years age to have read some intensiting letters from Hoise in Paris, in which he got the 1 speakers of Mayerhere, and the great mean current of that time, and smooget them were when appeared to high none extensively satisfied, if not evided, meaning the Chopies, but therefore be glid if M_1 . Otherwise could give any information about Thomas Automates about Chopies, but therefore the glid if M_1 . Otherwise could give any information about the form's windows with Harris,

Mr. Ourgest said there was no doubt in the world that

Exhibitories feelind Chaptin is the litting of the set Chapting of the Chapting Chapting for the legislate state of the set of the extent of the chapting of the legislate should be set of the extent of the chapting of the legislate state of the chapting the legislate of the chapting the legislate state state of the chapting the set of the chapting the legislate state of the l

Comparison of the control of the con

suppose that she would be able to give the right date.

Mr. Sananaw perposed a vote of thanks to the Christman,
which was carried sense impushy, and the meeting adjourned.

PROPERGY W. H. MONK,

De tiez Co

ON MUSIC AS A PROFESSION IN ENGLAND. By Charles Kernescow Salamon, Esq.,

Wass the observations I am shoul to define to type intended code for the heaving and present of the removement of the Manilla Amountaine, I might long have abuntant before I women to the property of the property of the Manilla of the Personal to the property of the Personal Conference of the Manilla of the special SEM, which is not as well beginn to three as to appeal. SEM, which is preference in property of more than a preference of the property of the Manilla of the Personal Conference to the property of the property o

were, which I shall been the printy arises, and the presipredictional. By the former I mean the precise or many with reference after to the set, the entirelyse, and its pragrets. By the lastest frames the practice of motion in source of recorne. While going full consideration to the endaturents of laster and the property of the consideration of the contraction of the property of the consideration of the contraction of the consideration of the contraction of

As in the military profession them is not common appellation—affect—affect for the general and the printer, in the massed printers, there cause het one designation—a settlem— —for the most identicate compone, the most accomplished virsuous, the reasonal revolution, and the most audiciate accorder of a Oceano store-band. It is nevertheless underscool that, in an avoidat accorporation, the title "avoidation" is

as boundaries, the musical profession would appear to be engintled by a kind of halo of uncersting pleasurable action. of acabetions candidates for manical distriction. Whether this be a segring or a reality will appear hereafter. It is northere and descripts of the amoral descriptoreds, which with the division-composition and performance.

The choice of ceasis as a profession is ordinarily the coaseinfluency, most commonly determines the career of the embryo reassess. A catalogue of solate musical produpes would

all countries have problingly endowed the small with righ

agience, and Mainture. A granted renny is adden found in senteening circles. The consistents natural application and cornect student of crasic are condition which are not enfourity ting incentives to industry, tip, agricine and limited means.

variages skycet intermountable. Reverse of fortune has respelled many talented agesteers, who had presidently leaked means of subsistence. The insoftenest openiuments of public offices have terrated others to take referre in research and to enter its wide areas in a professional capacity. Rively has this somewhat humsdown experiment realized boarful artists as composers, singers, and instrumentalists. In many instances they have too late discoursed the prescripble office, ence between the display of moderate musical shiftly before a gatherine of enlocate andrion, and its rebbs exhibition, in

On Marie or a Profession in Envised.

symboloxical photography, before assumables of companils, assupgraphenes, and possibly, medicinables of companils, assupgraphenes, and possibly medicinable configurations of a singleture for the configuration of the companies of the compa

sy manys are district a distriguishes pointed in any stockly to which, by the professional and personal reports, be may be summored.

That it is not incompatible with uncertifiting musical study to find time to some at a state of professionary or landsed pursuits, as existenced by the manner of musicines who now gives the musical profession by their winner accomplishments, which cannot far become the actual profession of their secretic manner.

No anchem circumstance has an entally studed to enhance the expertation of the expertised are in sensitemant various, and to make the present and not not level of the so entitle threat contractions and the properties of the sound of the sound of the sound that the contract and internation, and the exames plantion of this proceedings. Another imposted reserve in the modern havay of the maintail prefessions have been the transportment of Transport large, London, on which this breachest of endeath processions are also as the contract and the contr

control of the contro

and analysed the emilia and enduring communitions of the poetically described as the "weekets of the seed," to receive

Eartfor, elegerable softenations more than sufficient to versities. Not because he can proper there a more thorough knowledge of his acclasion, but because the folkle of our

though mostly in a community reliter from than when, in 1711. Addition wrote; "We are transported with anythray that is not Ecolish; so it be of foreign growth, let it be Italian, It is an arknowledged fact that a correlate musical edges.

Bertier, and Ireland. It is undersable that there are no better one and and econor or manue, that Orest method and freshill one and deconor is certainly more costly in this country than on the Continent, especially if acquied by private tertion from the best professors; but when

The now venerable Borol Academy of Music, the parent presided areaforms of Great Helpin, which under the conduct of the properties of reference and an efficient confessional staff. was never to a spon fauration condition, affords to students of thirst and inquitry, at a comparatively assume con-Steers. I services; that professional advancement and excelorment are asserted to every distinguished pupil of the Royal Academic of Manie. Advertisements duly realize attention to the respective special claims to right assessed of many more recently established musical academate, which are supposed to passess features of openidenable attraction to mean. Subplan-

Young musicings where testes lead there is the direction of

may best fit them for the sacred avenced offices of the Church.

and chemistry, are reported to have qualified themselves for that across department of the massest preferable at what mary be correctly fermed the massest-termselves stretched to

For a protings of fertices, and of protings of necessary for a proting of reference and of protings of necessary for the protection of necessary for a proting of the protection of necessary for the protection of the protection of the protection of the necessary of the necessary of the necessary for the necessary of the necessar

to waters and retriptioner can possibly enjoyer, protein, burgues, collection, proteins, burgues, collection, reduction, reduction, reduction, proteins, burgues, collection, reduction, reduction, reduction, said word, instrumentables, strand-out-placed, with their events and protein proceedings of motion proceedings of motion proceedings of motion proceedings of the strand voters, and compenses with an analysis explying of motion proceedings with a strandard control proceedings of the strandard control proceedings of the strandard collection of the stranda

to effect to them, on all found from, if the worked of neutralpropertiesing error, if were created as the propertiesing error, if were created as the contraction of the contraction o satisfied to remain in obscurity can hope to escape calumns enchantableness. When Petracels in 1941, received at Roser the nost's laurel-crown, he is said to have exclusioned, "Thus honour, which I have so long covered, has arrowd to ass founds have become my foca. My ambride has been natisfied

at the cost of my peace of mind."

he our profession, as in others, we have high-minded warmhearted members, who reasonst find and affectivents reterest in the real-expond advancement of voccor artists of talentwho respect them at the right moment with concesses words of success. On the other hand, there are those upon whose who is tocknow up the diffic sit, steep, and sitrocry secont which

It is now time to consider some of the principal departments of the profession which present the meters of earning an honourable substitutence. These will companie manifectures tion, oublic and utivate your performance, unlessed probestral

would thus vendouse has claim to take rank among the manuambituess works at his own pecuriary mak. Unions he be compositions known to the public by performance and publication. In his effects to induce present societies and individual and obstacles, many than enough to deepe the anious of the

The manual of a magnitude's according to the contract to the contract of the c elegacy substants of unarrangement environ, might be brought to light, environce, opena, symphosics, overtures, ossecritor, public, might possibly have tended to exoccine that gain conduct of the Beltish musicine, was the instan projected of English man and women against the native made of their own constitu-

The composition of durwing-room planeform music, of replerate difficulty and preterologic, was once a medific source of peofit to the popular placent and teacher. There was a time within the memory of many here present when were with endless variations, factures, capacions, divertimentos, nished employment to the writers, the publishers, the teachers, and the pepuls of those days. That stem of professional areafurered has become a first of extract solerane. New the supplement us not equal to the demand. The discrimination section of the musical public have become cautions as ourby its sublic serformance or by wholesale advertigier. Publinbers new look upon mune-publication as a kind of they have consequently almost caused to speculate in the warehous of modern responses music, ambrenay surber to uncert and publish the non-copyright works of the advenced compart and publish the non-copyright works of the advanced In an other country is a campia class of sole north master on

its energies, in the impurity of initiations, may be afficient to the configuration of the heldfull "repetly" system, whose inhimest unhealthaness will, it is to be found, then it is only to an unamonity and. Unlarified observationing is arother potentional feature of disputational success.

The countries of the property whose demandic profit-when may being being a those Wagnesian days, to shown the childs of displicitly grand opens, would go will be oversimely the dataset of Registration and the second of the contribution of the contributi

Leavable qui oferente, un de reinted !

Politoring in the wake of the many popular Periods musical extensionates, which of late paure, have alterated public statement as all popular parts of the woody, he made of popular forcer in this country has been for some time past firming with a nopid of the popular parts of the control past of the country of the country of the country of the claims of "Persance "Perintes." When on the changes of their claims of dimension gauss shall have been rung; when statety shall not up said the challed medicary of the Eximits public and operate the country of the countr

regions from an endeennee of enthrenation, in these building operate tasts may again aproxift; and we may occur must kept to see the British demarks composer expending his takens in the production of high data operative resule, which shall be using by Berini vocalists, directed by Belinis conductors, and such acade his British undistances.

and applicable by details expension.

The design of the de

hose with that were about notified upon a personneast clearly, treatly, as easy as in order to the survival to the survival term, as easy as in order to the survival term in part of the public have stronged that hollowist of approach. Others, whose habitus here are to be in originated by a survival whose habitus here as to be in originated by a survival term, the survival term in the survival term in the survival term, the model and forestensioned of strongels, he ever prepared for the survival term in the survival term in the survival term, as model and forestensioned of strongels, he ever prepared for model and forestensioned or strongels, he ever prepared to substance and the survival term in the survival of substances and the survival term in the survival as a performent, who are solding or search which in the surveyalle assembles, always provival originates and survival term in the entrees. These loss, always a survival to in according to

engagements in the narropalis and observers.

Possign managemen, who come to notic in the country, prohibity unswere of the favourable opportunities for establish

norm in some of the populous measurement effect of the certic of English, have formed as isless of any star residence than London. More then treatly years ago, a very tolerate ensular professor of Renet benegation on from the city some ensular professor of Renet benegation on from the city some endurance of the contraction of the contraction of the ethics of the contraction of the contraction of the ethics of the contraction of the contraction of the blockborries; that, in fact, they regist alread the professor of the contract, the different contraction may under play delenion. hower. The old not midely him, and he become requires the extending of the part as a weekengle occurs as a given manner, people field not frend to him as he had expected, we consider the expected of the extending people of

Mane testhing in this country is acknowledged to be the chief and most immany breach of the perfession of music. angaged. To those who are blessed with a birble sensitive temperatured, lesson-more, to ordinary much, in set an agreeable opposition. Weather to the nerves trans to the temper, it strains patience to the abpost first of human enderware. Were a near most for ourself in extraction to be most defigures in musical comprehension, betrowner the outsit phrascelouv of ray old Raman friend, "terms half more high," In other words, the most stepid pepils should now the highest terms. The late for George Squart was west to excluse with his peculiar rateal twenty, "Give me your stoped youds?" He preferred them for the obvious resson that they remained longer under his tuition. The ability to appropriate, and to benefit by sound records instruction, is bootly less a gift than efficiently. All these who have given instruction in mose with a nucl of quick appethenance, with warm musical not a necessity-a train which a famous French statesman would appear to have depict-one might shows to worme from from such must in the corn of contracts rather

The establishment of Indian' colleges has much reveloping and the testing department of our professors, assessment as the branch of leason-groung called "feeshing leasants" has, the desire storing called "feeshing leasants" has, as compared with the particular produces of prisone has closely in the holiver days of the museual produces, when it has construct their branched Charles, Donald, Jaho Charles, Charles, Marketten, Maddess Monte, Montelle, Particular Sien, Malketener, Maddess

than in the current ones of the reales

Dulpines, Mrs. Anderson, and many other eminent piaciets of braces days. The British public now moure these lessons. to be admiratelyd upon homosopathic principles... in minute traduction, results of every say and degree of alifty are now and confider in many advertisaments that delly meet our

School susching, which once formed an important item in be depended upon, has, at length, from many causes, become perceptible, and to the close observer indications of further changes are clearly discertible, which, I are inclined to think, are not feverable at the present time, or promining to the ficulty educated resuments, indifference to sound interaction, games, chesn lessoes, evolutions in national habits and tags. rand locamotion, and the ordinary mutations to which all

In "the good old days," of the munical profession, almost every mentions of emissions may be annual "Benefit Concert." and by that means added more or less to his morne. His tickets of admission were priced at a half-games. Reserved "sefs stalls" had not then been sevested. Those who added a hand to their yous attractions usually lost money. The public, an a rule, care lettle for erchestral consierts. They are nearly always fadance, in a prountary sense, unless supplemently invest takens, it is prountly sease, trains supple-

Unless aided by larrative offices, or by remute resources, municipus have not office had it in their power to lay up secuin German to Buch, Humanel, and other formal commoners. of his art, and enable him to Indoles his leasure house at the close of life in a sufficient degree of professional count case director. The receipt professor of distinction who, in this chapter, whall make marred and representing professional conseal condition. In order to safety the prying concessly of the outer world in such matters, he may often be conveiled to tax to the utmost has limited measurer resources. Earland too often estimates a professional man's status by the amount of his foos, and by his decreasour. His terres, unfortunately, do accord, and the education of his shikkers. The investigal world not unfrommethy undalor in the leaver of many at the answers of the professor, to whose necessities at as goldly ansenmble, whose engagements, being dependent upon the state of his health, unper the finishment of findam, the currier of the rebbic, and upon uncaperied organizations betond his control from his righle and wealthy professional representative, would scarcely be credited by the mexteringed. There are some few Innec secretor derived from engagements, and from "royalties" portular. There are others who care, moderate moreones. But times a head struggle to support thesaselves and their femilies.

with case of ward and complet of body. Philarethropy has always been a characteristic feature of the profession of music. No other, with perhaps the exception of the medical and actor's profession, has done so much to unfortunate. Individually and collectively, regardings, in every furtherance of charmable churchs. Many and church how on district an amonymous expressions. Bearing this fact in year. I would avail myself of this favoueable opportunity to remark all who love recovered wearest recovered; all who have derived, and not during employeest from their efforts; all who everyotise with crasidisms when their newers full there! that Monic and Philasthropy, which annually detributes thousands in selecing the declining years of the aged and inexpentition munical occioner: in providing suspensive for his widow: in educating his erobus children, and setting them out in Mr. The colds institutes estimate the Street Society of Municians," associated with the identifious name of Handel, My personal prognences of our profession haven been gathered more in the rectropolis than elsewhere. I have thought

this city. Much has to be related of the life, dafter, and emploments of the pountry profusior, which, it is to be bood, will be supplemented by those whose provincial experiences will be desimble to catablish themselves. As interustric trace for comment and interchange of opinions would doubtless mould from considering the relative position of the London and pro-

vincial reufessor Now as to the general aspect of the granical profession at

persons now learn renne than formerly. The number of regularl institutions of all lands, academics, colleges-extents and public has considerably increased during the past few from the receive of robbohers ... ever efficien of storoked works at marvellocale these rates, and other mentral publications at expensive prices. We have in our readst highly talward and fernonal and non-professional resistant. Chemistra are now hundreds. Many and manical instruments have become a large and irreportant stem of oversmores; indeed, muses, intrade, furnishes the means of living to about eleven theseard pells. Exclusive of purceferte players and organists, I find, in "Record, Musical Disorders, for 1886," the names and addresses of one hundred singure, and about twelve leasted

According to the authority I have named, there are resident in Creat Britain and Include and violatinia, so violately principal 112 viologoffice, 67 contro-baseuts, 28 Soutists, 27 obscietz,

facette, a see the semplone a on the bones and a on the finwhich. Orranies and maniets are broomi my calculation. I have made no attempt to number there. Having made my first bow before a British audience, and published up first conceptions in 1861 Invites, feeting a long, productional corner between more feet to entirely print of the removal delectrics; he was present a first the transition of the professions, and if it is the removal of deriving the past help of the removal professions, with reflected to the removal professions, with reflected to the removal professions, with reflected to the removal professions, the professions. Comparing the present with the past, may though I regist to under, it not a second that the contraction of the professions. Comparing the present with the past, may though I regist to under, it not a second that the professions in the posterior is the posterior in the posterior in particular they in inscirct, and that, then posterior can find the considered to the in a described to option in conducting confidence can be considered to the in a described to options.

nteament

The Concessor, buyer proposed a confed was of thesis to Mr. W. H. Commisse and Mr. Halaman had southed on a there off thus the reading of the paper ittelf. In one part he speak of the difficulty which professors, both male and female, of Municipan, hearted to those him for the warm way in which he had applice of that it stitution, and also to express a loope their except. It only gave money away to those who shoplotaly needed it, but each year it spent nearly faces in allering. was not by any mount a fithe of that which existed. It was evident, therefore, that the Society needed all the support it could receive. If all the letters and gentlemen who assended openerts on St. James's Haff or Easter Hall would only ton Oursectors to the extent of one stiffing for each concert there more learning them it could at present. Mr. Salarson bad pareted a very pleasing and beautiful pieters of the condition of that hade money, but having been connected with a cuthe

and he feared a large parties of the description must be our sidered as of rather a portical character. Looked at in the

Christopore. He generally lived in a charming city, under tenately there came up this negotical operang, that he had to was very shortly supplied, and his betcher's bill more than he and reality men, a road deal of the paster was driven not of the nicture. What he felt sheet the future of the musical shut on one door it would open snother. He himself had had suffered. Without courte too much into removal matters, he tiget for their fature, work in life, not as more empres or would endewoor to enably themselves to become thereexh removant they had no for a right to expert a good causer as most other surfravious. Of course, ready sollered in correspon few with it. Amateurs could get St. lames's Hall, sing apmany songs, &c., and probably by that means here out needed If the resistent, by steppen into the concert moon, took away other. He thought that on talented residing, who was lookour to seasor an a professore, need despite. If they qualified

Mr. G. A. Onepare and Mr. Salaman had referred to the somewhat remote ago to which he harmed belonged; and he remembered, as a professor, in that period he came over to London processorable from Paris, where he then resided to vive were given in the Hanner Sesare Rooms, price of admission. matteres. After a few years he loud to vive concerts with the there, one gamen; but his expendence was that all the families consisted of one person, and consequently, therefore, he did

who were those who mud and who dai not. There was a kend of a financial application capers can about the counterpance of a nerson who past. He looked as much as to say that he and note. He must say from his recollection that concerns at that time were not in that fourniting condition, in a day. Speatimes you mut a composer who had gut a very feer share of Bestrab money, and perhaps he mucht say that he secident, to illustrate which he reight mention a circumstance which happened to himself. Many present reight know the tiege edied "La Pige de Peries," He wrote that cruce in Press. that it would be better to sand some planeforts rises on an Mr. Onborne's property. He did not send a poece of that ture. and took no more notice about it. A year afterwards be caree to London, tamen "La Pirar de Perios" to second marile and right of any of his pieces; however, they instead that it was, Mr. Beale then offered here form for r. He said he reset first be certain that it was hes property, and having next to externed, but, marked of sulking it to Manara, Cramer, he west round to all the publishers, and sold it to twelve out of feetiers, who had brought it out, for for each. By this poblisher his franci. and by that mere chance he eventually put between Carne and Chron line his pocket. Like Mr. Carrenings, he was rather charmed with the description there; her body was well cured for, having plenty of excepted both on the module and in pulling not the stone and not not

The Rev. Thomas Helmone, M.A., consided, with reference to the question whether amateur interfered with the profits of the pro

et a reliations fortig court Methods, or the videously, or processors, William St. Strettler's over be felt Mr. Profession Methods on conductors of a message sectors, which was the processor of the colors of the

Mr. Osnomo Stern und that Mr. Salamen had called forth carry a barnt of promotors, by an allower at one part of her plossent position. He thought they neght not to take that numbs. Lesson record results to be a real pleasure to a mentions, and mucht be so if he only learns preparly how to teach. The excel want in teachers was not registerable on much as the power of imparing thorough instruction in mone, structure amenable to sound instruction. Trackers should essecular give attention to understand the principles of touch and price production. The amount outsider of branch stars storior, and he was saire certain that a so called rood touch on the pince was not half so much a gift as the scraft of are from Sir Storminto Monnor, who when he went to reading, that he had no touch at all, but, some he was somewhat taken aback, he added, "Never resed, Mr. Steed; I can what takes abless, no suppos, "region mans, man converse and other the studied the principles of education, the conformation of the hand, and the almoyncraties of his pupils, would be able to mund to voice analysism. If they only inew in what the able to make men his manus indeed over from these takes assistant sample by distinguished residence who could not ply at all, and be could only surface it to the first that their resistant were not streetly speaking teachers. He thought not all the could not be compared to the could not be compared to the could be could distinguish that if they neven to get a beginning the could be could distinguish that if they mean to get a beginning to the could be could distinguish the could be could residently and residently the could be could residently and residently the could be could be could residently and residently the could be could residently the could be c

Mr. Sanaway and that he referred to works whose corerights had control, and which, consciousetly, any sublishess in this country had the right to produce. There were many compositions published on the Common, the copyrights of which have rance been secured in Great Britain. Mr. Salarnan have elicited a greater amount of discussion and information. nationary. The residual confession was a profife subsect and Fall were written which might be said upon it, a volume might be produced. He haved that there were some topics in his more which on a feture occasion much lead to enother discourse from another member, whose expension in some cathedral organist. When young he was swith with Mr. Agrel at Wells, the then unsistant and officiation occurrent. and Dr. 5. Wesley at Easter, and he had formed his estimate of the eathernal organist's position at that time, some forty-No doubt more discrepables were batten from his your reight have become known to him had his experience been

The Cusayees and there was a paper, which he had been stall had originally appeared in a Politometerty biological and the Control of the Cont

On Moore as a Prefereign in England,

throughout the country, it would be to every one, as it had often recognit constitute of the distress, he security then the ought to revive Dr. Wenkry's protest, and, if possible, influence such a body as the Euclementical Communication in do some

young the pastice to these depose functionances.

A season function to the Charge an engladed the necessitions.

W. H. CUMMINGS, Esq.,

THE LYBICAL DRAMA.

By G. A. MADPARDON, ESC., M.A.,

we see carea, see an earns

When the reduct of the actions was consider toos. The way of the control of the c

binary of the course of the hydral drame. As I have been dead to the prime of them, about he was start regard the the described of the dead of the dea

seen now to externic this view of the derive. The institution of the Secoty for Distrantic Referrs, the many specietion of the Secoty for Distrantic Referrs, the many specietion of the Seguitable Twindog and the Second Science Congress, or the great importance to the world at large of distrantic production and foreston professions, where the long of distrantic production and foreston professions, where the long resistant necks of the times are taking the possibilities of the distrant nece current

Bit words at art were to be learned to the realities of the words, a looking plass might state on places of a pritters, or gother record in place of a trapply, and mean would thought of the record in place of a trapply, and mean would be posdered to the contract of the contract of the contract of an artist. In our portry that we can enter soon the fadings of an artist. In our portry that we can enter soon the fadings of an artist. In our portry that we can enter soon the fadings of the contract requests the fadings of the contract was the contract unner them, mean definably, mere interestly, and if the hance word addressed to his, by mage fair the magnetic depression the grandous presentation of the fadings of most. The disease word nearly the contract of the contract of the contract with married places on a size of the contract in a basical for-

The state of the s

The principle of the Greek drawn was continued in Christian times in a very remarkable and signal instance; that was a We find, however, in the fifteenth centure, a drama on the cubicas of " Orfo," by Peturano, for which Engley Linney, I believe of Ocressa both, woose receit in Itsly, but fittle or nothing as in the messeal recrits of this work has reached us. In the Earthy frame, subscreently to this, requir was the estudiethes of the sudience, that there are not a few the sale of started that pape, and not for faitfling prothe appearance of the two pages in the fifth cut of " As You Like It." They exten to Teachestone and Anders and in the commance. More directly connected with the action of the some is the eyest of the Watches, introduced in Macheth," by Middleton, and it had attained such general esteem that when "Macketh" was to be produced it become alwest a recognity, or Shahumany rough hoose felt of my no coffee accounty. to approprie his Witches with reasis, because this clean of being was in the public mind these associated, from the success of this proceding play, and no music could so well fulfil his blea. as that which shouly existed, and the senses to which this strand in set were transplanted erfore knto the great progedy Now enece into completention the rad formalistic of inmotion types, and the not request contents with that an explanate the second of the content of the content and pears, the interest density the boards of the content of an explanate the content of the tension provided season of the content of the another content of the content of the content of the another content of the content of the

Now here these two styles of meets, deficiently and experimental experiments of the styles of the in-the modejal components as in the noted for the closely, it would be impossible to acquise or it definition would, seen the network. In this belief, there could be stall expresses in a network to the styles of the styles of the styles of the large and venues story, which might component styles the large and venues story, which might compose the style of large and venues story, which might compose the style of large and venues story, which might compose the style large and venues story, which might compose the style large and venues story, which might compose the style large and venues and the style of the style of the large style of the style of the style of the style large style of the style of the style of the style large style of the style of the style of the style large style of the style of t

one propose deleteration of the weekly arrange and the state of the st

was in 1990 that the first production of these singur component was in 1990 that the first production of these singur component were privately performed, at the house of the guadentas I have have.

Thee also came upon the scene Emitto del Cavalleri, a brought to the task a theoretical impulsator of respect prinrealise. New it is to be considered that this term "larical drama " is not necessarily, or by any means, hunted in its apofficers to norther subjects; and whereas the section areas of wrote a configure of drawn, interspersed with descript and action which was proposed with steered and which was not on a Hibbral story, but on a referent thems. " La Norresendamen di Assus e di Careo" was performed in the suppredistinct from distance creamin, this being energisfied in "Messah" of Flandel, whereas encourses of the dramatic oraterio are many other weeks of Handal which are always described by hisself with the epithet "erabatic or sacred leabths." The correspor last manual had no hore a sense of the dramatic treatment of his subject, that he wrote about in his scores such stage directions as would be given for a the entrance and same of presupers, and other actions bearing upon the conduct of the story. Mean and many such instances are to be found throughout the MSS, of Handel, although they are, I believe, shence omitted in the stricted centres of the music. They are still, become, to be found to some of the scorrate Musico, and I thank they clearly show how strong was his sense of the savra. abbourt. he wrote with the view to his pieces being stars without the

accent company, who was also a chrowed maritim, and with land lands; over off cent melonicy by no obverspence of with land lands; over off cent melonicy by no obverspence of important cent promption in remitted theory, was Charles Stateworks, a new for his higher one in the latency of an, as the company of the lands of the latency of the latency of the second lands of the latency of the second-latency of the latency of the latency of the second-latency of the latency of the latency of the second-latency of the latency of the latency of the second-latency of the latency of the latency of the second-latency of the latency of the latency of the second of the latency of the latency of the latency of the latency head whose their hambeaut is sufficient descript.

those which Mantevente orientated, extend discools. And chools in question, the best known of which and the most used calcusting of this field. And how great, how solds, is the artist is the viscin wother, from which proceeds the divine child, that, passing through the world, bears its burden of of faith enable them to receive and necessar the beauty that is

offered there Mosteverie composed first an open called "Arisma," of which but a small fragment remains. This was in ifer. It printed, "Orden," The work is highly remarkable in the fact Plato, and every other person in the drama; and it is remark able as giving as the oldest extract attended at what we new call to be should through three, and entirely openinting of the one soon an extravariance, but there is a operanotion which but a few sours not was first publishy perferred, and which has ture to "The Beautiful Melusine," I was cone present when an adverer spoke of this purposition as sublices, and a bythat is by the way. It is only to show that Montereds, in his Originating the executor, in his having a large probable, in his elthough not in those early days felfiled, but sufficient all that

dragmagie net eart felift an ernare. Shardy after the time of Manneyerde appeared a Venetina real patrenymin. He had very great success in Verice, and assumingly from very great desert; and so great was his success there that he went to Paris after a time, to reproduce some of his works.

Having named Pade, we now come to a very important speak of Generals. Bettiets Lafe, a been Florening, who went to Paris as a page to a princess when thirteen years old who. because of his ugly face and awkward manner, was thought into the kitchen to act as scother, but so except entertained his follow-servants by his performings on the victim, that his firms for mentionealty rose operators, and hors really may be for to have been as allocated to or an authoration of tree Check-life below states? state with Luff in the bucken there was a higher set than was to be found in kna's chamber. Lells was called to take part in the crucic of Louis XIV., and such excellent part did he tale that a have included the base-will as a branch of the wolly family, was appointed for him to direct, for him to teach, and for him to write for. One comit of this was that when Charles II. Court of Lowis XIV., he get up also his regul band of reconstructs. and from that may doubtless have poore flows to us the nursery Since of " Engraph toward Schillers o'll in a cone." Most before hallets anterspersed with character performed before the Court,

of past less of the delivery decreases.

An extended for the solution Fixes in particular the control of past less than the control of the co

the French has been for approached to french has been been found or any of several time for white proceedings are been founded in several processing or memory canada. Been expense to Comit wave preferred to the common formation of the common form

Agent high in high, absorable displaying 10th, spin-bod, and the properties of the p

to proton or the bighest seed to outlier.

Very reach to do with the growth of this declineasing region of sea six post be denselsed the easier, of which Certains.

The first stream proton may remarked proton state of the season of the seas

and there was no the bittle part of the last century is finished in Occurancy for such introducing the interspected with meant that stands to illustrate the passeces set faith in the tast, and this scane would client expanse the elements where the manner of interdising, is what we not accompanied containing or contending, in what we not accompanied containing or contending to the containing of the containing of the meaning of the containing of the course of containing, which of course significant "course," but they see the spokes analogy to the contains of Seminding, Containing, Danners, and occurs on

The time of the property of th

smile of the finance water.

Depotent per south and all to lit is all to prove the law of the lit is all to lit is

stery of "Des Quisote," the scene "Let the draudful engines," and the scene "From oney bownes," are a signed respectively to the poor girl who has gone and for free, and to Endocks, when Don Quantic concurrer in his phrency areas; the spectrum.

Shortly, sides the time of Purcell's blink, but meaters prominently with the later writings, appeared in German, a most important here is our instead, before the contrast a most important here is our instead, before the contrast and instead of the capacity limits. In Brainingh he discussed the thinter, and in detected the engaged Bendel to pake in his most, in the contrast youth of the engaged Bendel to pake in his most, in the contrast youth of the engaged Bendel to pake in his most, in the contrast with the contrast and in the contras

The principal spon which the spore had feel been insurand sew begins to desperated. The said of the singlet had greatly save begins to desperated, and the singlet had greatly said to the said of the

weeks and no create to state.

The open now because that not may ratfacill. The surprise size and many ratfacill. The surprise size actually, which was for the sour part a great particle and a cataloni, which was for the sour part a great particle and particle and the surprise particle and the surprise

drawn was of minor matter to a vocal display.
We find in Handel, and in others whose my

arrest to

We find a different class of many and form of obsesses and idition seers ofter their words of tenderness to one another, while the citally there in the anguish of jephtha that he must sentifies his she is fulfilling a down of daty in becoming the willing within of her father's cath, and there is the betrethed lever of Ighan characters are personified such in a suppose and district physicology, and they all may tagether. New in this quality, first of all, of giving different sharecters to different persons. and in combained in one performance in citral assesse serious of the grapons, and in so for as the graterio is based upon subline valuets its expression of the subjects may be subline.

We will now observe to the point of Girth. He days in some case where the Girth on opens. On the Hards notices to the Girth of Gi

exceed look, and that the tear dereastic qualities cavile only the other than their blook pills of strains as which they were observed. Such todard was the flast which had been present designate. Such todard was the flast which had been present designate. Such todard was the flast which had been present designate. Such todard was the flast which had been present present to the flast was to the flast which the flast had been jumped particularly as a surprised to some of the designation of the charge of Microbia strin president. Glock, the more years, the cent man is a pier, Calculage, who century against with the reent man is a pier, Calculage, who century against with the reserved man and the strain of the designation contains a result. East of the contract of the designation contains a result. East of the contract of the designation of the designation

This was envisced in Vising, in 1960. It was an entracodenary change from what had been heard before, and it met with very great success. In consequence of six second then were accomplished in it. He know of the very reset reseasons of the Paris theatre, beyond those in the other uneits opers of "Iphintmie on Auftile" with success, which fully realand all his dences. But there he was bound by the engreecy denotes. He may with the faceous Yearn, another resource of Pronch recourse to Italian service, for although the French in the denous nation of all the world by servered somestim, din-gress Vestry, who bears the trile in Pench smalls of "La dieu de in dense," was its list been, and added the "s" to the end of the name only after he had been worse ware settled in France. When then "Iphiptese" was to be produced, he went to Cluck to make arrangements for the haller. He said he must have his Vesto replied, "So much the wrete for Aramemon, the people of Paris connect witness on opera without one"; and drawn, which represented the use of Accessorance when he must bill his drunkter, in order to promite Duna for fire months to excee the Greeks to Taxo We find to Mandel the restractor of account characters

contained in one price of matte, but they have sell this stagment quality of staging so many arides tagester, and never address har one another. A componer who is only known by name. for I have never been able to meet with any specimes of his in reaso, and to have had event success. Nicolo Piccini. afterwards the civil of Glack in the great Pera menical Fighacla" there are specimens of long-continued music during others ning theirs, and where this particular element in Iprical correposition is brought to a very high standard. This opera navel of "Parnels," The opera had no unmenus success, and The particular combination of characters and contrastation of second act of "Don Grossant," to perceive the arrives to to which it seems possible bureau crosses can core reach. The cale recombility that dramatic many may exceed these to a creat tracical or a creat reference relatest, the others or set. It is expensive to be noticed, in these works of Mount, mostly no complete and so perfect that were the words with-

the series impromptible, not all it would feel his rescuid cases and installed in the all cases before been which present that there which present that there which present in the case which present present in the case of the particular field in the case of a particular field in the case of the series of the case of t

drawn we sheeld still be delighted to hear the music, were

separ, where the generator of the policies, Tenteron, neglicies (Tenteron, the policies, Tenteron, the policies, Tenteron, the policies, Tenteron, the policies (Tenteron, the policies) of the final the policies (Tenteron, the policies) of the policies (Tenteron, the three tenterons), which were revenued to the policies (Tenteron, the three tenteron, the three tenteron three tenteron, the three tenteron three tenteron, the three tenteron three tenteron three tenteron three tenteron three tenteron to the tenter

This term is appropriate in a record files to the concentral concentration of the section of the content of the section of the

depend a natural, his new a derived was of this resource.

A second of the control of the control of the second trace and the second of the control of the c

high medium of subcount the meantain maniety. Parther it is an contract to condition decomposition, should, it ministers that it the Sprephagina C release of Bustlowers, when it is the less review ment the beam of the scheme procest, then it is the less review and the beam of the scheme procest, then it is gift as second in application of the principle of the Lotteney's registing that of the grant Bustle measured wholeves extinged in conputer to the scheme of the scheme, and the way not certain in Beschwere, became extended the contraction of the process of the motion of the orders, and the way not certain in Beschwere, the court in a Spreadport of Hapita in it, which is very little income, in pacticity the scene modified of the late in processes, these opens a phonor from the

Again, in the firm quarter of Mendelmaks for widers, at the and of the last recognized occurs the levels modely or Ry when and of the last recognized occurs the levels modely or Ry when with the modely, which he had predictedly set to write, and the nedecents which setting in a very strong rated involved comprisioning the exposured intended by the whole question, the levels which the levels of the last contract, and the legislation is easy height at its on the Egyptica, the is the Questic in A mean. Then again, in his softs, there shows which in altereous with the three of the lest movedates, to not implement of the levels of the last of the last contract of the last contract of the lest of the last contract of the last contract of the last preparation of the last contract of the last contract, to not implement of the last contract of the last preparation of the last contract of the last contract, the last contract of the last contract of the last of the last contract of the last

We have the distinguish new between that the Freight all times among the section of the case of the ca

than our balled operas possess—seem occusional largely

developed pieces, is the "Sing Spiel" of the German stage, and it is us be semenhated that it has been so highly developed that many of the best weeks in the German school are of this structure. Such are the "Semple," the "Zaches filts" of Manart, the "Preschitt" of Where, the "Faust

of Spoth, soil many others which might be named. It is not the hart fly years only that the compendition of the highest close of open has been marced in a England; and all whosh has he had been some of our closer from the how had how had not been some of the source from the house had not demants; compendition, and let us heps that they will have opportunity, a not death store of them may have the heads, so saff yet gives to the jurnal farious. I would study many the many for the compensation, and the safe of the many have the heads, so saff yet gives to the jurnal farious. I would study many the many that the presentation of the many than the safe of the sa

to said fee project of the system state. It was a training interest, the manifest is said, the manifest is said, the manifest is said, the primarization of the system into contribute colours, and which poor their riches upon the eight to warm, and strengings, and postular manifest is said, the word of harvest—the harvest of the largest manifest in the said of the largest manifest manifes

The Crassians said that at that has bound he would not occupy their time, but the very first thing he weight and the no do would be to accord a heavy some of thanks to Findianous Machinero, which he was near they would do with pleasant, for the admissible and splential renew and instant of the pleasant, for the latest developments. He was serve that all proposed had that and the server of the proposed that the server of the proposed had literated to it with interest and instruments, and he coly registed that the time had so do see observed on an endude nor

inagrilaned observations on the subject.
The residation having been element.
The residation having been element.
The Craussean and he keped that during the past sension.
Professor Needman regist lewors them by content ferrend
again and taking up this theme and constroints; it, not puthage
as to creat learth, but in reduct to give them no conventantly of

at so great length, but in order to give them an opportunity of acking but any questione, and thus illustrating the subject still further.

Professor Magragaga briefly subnoviedged the compliment.



JAMES 1565			
FAAR	11		
20. 17.	01	_	-
	_		_
_		_	-
	_	_	-
	-		=
	_	_	
		_	
		\neg	

