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MAPPING OF RESEARCH PUBLICATIONS ON ETHNOMUSICOLOGY THROUGH THE LENS OF WEB OF SCIENCE

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Abstract:

This study attempts to define ethnomusicology as the study of people making music through the lens of mapping of research publications. People make sounds that are in ways or other sometimes considered as “music,” stretching into a specific cultural domain. This study delves into the idea of different types of music publications as a contingent cultural category. The necessary data were collected from the Web of Science database during 1996-2020 and analyzed accordingly.

Keywords: Ethnomusicology, Research, Publications, Web of Science. Keywords

Introduction:

The discipline of ethnomusicology has its beginnings in the 1880s and marks its rise of scientific methodology in music. Indeed, there was a question that prevailed until the 1970s, which almost single-handedly constructed the field of ethnomusicology that was the following: How can the music of the world’s different peoples be studied scientifically? In the context of culture, music could also be studied scientifically. Moreover, music was no longer constructed like a text that is interpreted as the humanities. In the field of ethnomusicology as commonly known as “the study of people making music,” it would be worthwhile to define the process of “making” in two ways: 1) making, i.e., the sounds which peoples call music, and 2) making or construction of the cultural domain which makes people call those “sounds” like music and also to experience them both subjectively and objectively in the field. This process of “making” has, of course, a great bond in general with the idea of “praxis,” and it also has a belief on the premises that the world that people experience are a social construction. By reviewing the scientific paradigm, the construction of ethnomusicology can be traced out as the scientific study of world music. By the paradigm, it means an explanatory theory in which people frame and put forward their specific questions and answers including their hypotheses and conclusions too. In the field of ethnomusicology, the scientific study of world music is followed from the conceptions of sciences that hold the outstanding achievements of the nineteenth century, the comparative taxonomic classification of living objects, and Darwin’s theory of evolution, in particular as applied to human societies is in the form of cultural evolution or, as it is known, social Darwinism. Of course, the field was not known as ethnomusicology, but it was instead known as

musical folklore or comparative musicology. Some of its methods are such as observation, recording, transcription, analysis, classification, comparison, and the hazarding of explanatory theory. The construction of music was not so up to date and well-refined as an object until the arrival of the phonograph, making it possible to do so. "With the invention of the phonograph, musicology was presented with a device that can record the musical utterances of all the world's peoples in an irrefutably accurate manner, thereby allowing for a rigidly scientific approach. Thus, all the conditions are now met to collect musical and linguistic specimens on a large scale and their preservation in phonographic museums or archives".

Some kinds of questions that construct ethnomusicology are: What was the origin of music? How did it develop over time and space, and what is the nature of the music (1905:249). The first two questions are the same ones as that of the philologists who ask about languages, and also, it is similar to folklorists who ask about myths and folktales. Moreover, the methods of the other two disciplines are also similar to those used to trace the origins and growth of music. Science offers explanations "which tell us why things are as they are, that is, how they came to be as they are now," according to Daniel M. Taylor, a philosopher of science (1970:32). Construction of the "new musical ethnography" evolved with the question of what it is like to experience music that was turned from the self-centric studies to others study of world music. Devotion in bridging the gap between the music/culture dichotomies is given importance in the past twenty years in the field of ethnomusicology.

Objectives of the Study:

- To know about ethnomusicology.
- To know about research publications on ethnomusicology
- To find out the most productive authors, organizations, countries, and language on ethnomusicology.
- To visualize the keywords used in ethnomusicology and find out the top ten cited papers on ethnomusicology.

Methodology:

To conduct these studies, data were collected from the Web of Science database, and collected data were analyzed accordingly. Visualization was done using VOSviewer software.

Data analysis and Interpretation:

Year Wise Research Publications on Ethnomusicology:

The table-1 mentioned below holds the year wise productivity in the field of ethnomusicology. Through this table, it is found that from 1996-2020 there are only a few differences in ethnomusicology's publication process. The year 2018 holds the highest number, and the year

2000 holds the lowest numbers of ethnomusicology research publications. Other years publications are-2020- 20(2.732%), 2019-36 (4.918%), 2018-39(5.328%), 2017-35(4.781%), 2016-32 (4.372%), 2015-34(4.645%), 2014-30(4.098%),2013-24(3.279%), 2012-27(3.689%), 2011-26(3.552%), 2010-26(3.552%),2009-24(3.279%), 2008-18(2.459%), 2007-17(2.322%), 2006-29(3.962%), 2005-12(1.639%), 2004-15(2.049%), 2003-13(1.776%), 2002-8(1.093%), 2001-28(3.825%), 2000-13(1.776%), 1999-20(2.732%), 1998-30(4.098%), 1997-28(3.825%),1996-19(2.596%).

Table-1: Year Wise Research Publications on Ethnomusicology

Sl. No	Publication Years	No Publications	% of 732
1	2020	20	2.732
2	2019	36	4.918
3	2018	39	5.328
4	2017	35	4.781
5	2016	32	4.372
6	2015	34	4.645
7	2014	30	4.098
8	2013	24	3.279
9	2012	27	3.689
10	2011	26	3.552
11	2010	26	3.552
12	2009	24	3.279
13	2008	18	2.459
14	2007	17	2.322
15	2006	29	3.962
16	2005	12	1.639
17	2004	15	2.049
18	2003	13	1.776
19	2002	8	1.093
20	2001	28	3.825
21	2000	13	1.776
22	1999	20	2.732
23	1998	30	4.098
24	1997	28	3.825
25	1996	19	2.596

Types of Publications on Ethnomusicology:

The table-2 mentioned below holds the types of documents that has been published in the field of ethnomusicology from the very initial stage of publication till date i.e. Nov 2020. In the table it is shown that a maximum number of articles has been published in the field of ethnomusicology till date i.e. 404 numbers and 55.191 % from total publications, another types of publications are-

Book Review-152(20.765%),Bibliography-72(9.836%), Editorial Material - 56(7.650%),Proceedings Paper-25(3.415%), Review-22(3.005%), Note-8(1.093%), Early Access-6(0.820%), Letter-5(0.683%), Biographical Item-3(0.410%),Record Review-3(0.410%), Book Chapter-2(0.273%), Film Review-2(0.273%),Meeting Abstract-2(0.273%), Item About an Individual-1(0.137%),News Item-1(0.137%),Reprint-1(0.137%).

Table-2: Types of Publications on Ethnomusicology

Sl. No	Document Types	No of Publications	% of 732
1	Article	404	55.191
2	Book Review	152	20.765
3	Bibliography	72	9.836
4	Editorial Material	56	7.650
5	Proceedings Paper	25	3.415
6	Review	22	3.005
7	Note	8	1.093
8	Early Access	6	0.820
9	Letter	5	0.683
10	Biographical Item	3	0.410
11	Record Review	3	0.410
12	Book Chapter	2	0.273
13	Film Review	2	0.273
14	Meeting Abstract	2	0.273
15	Item About an Individual	1	0.137
16	News Item	1	0.137
17	Reprint	1	0.137

Top Ten Organizations on Ethnomusicology Research Publications:

The table mentioned below holds the data of the top ten Organizations that have got its numbers of publications until 2020. The table shows that University of California System holds the highest number of publications, i.e., 33 numbers out of the top ten numbers of organizations.

Table-3: Top Ten Organizations on Ethnomusicology Research Publications

Rank	Organizations-Enhanced	Records	% of 732
1	University Of California System	33	4.508
2	Centre National De La Recherche Scientifique Cnrs	18	2.459
3	University of California Los Angeles	16	2.186
4	University of London	16	2.186
5	University of Sheffield	15	2.049
6	University of Illinois System	14	1.913
7	University of Illinois Urbana Champaign	12	1.639
8	Brown University	11	1.503
9	Middlebury Coll	10	1.366
10	University Of Sydney	9	1.230

Top Ten Productive Authors on Ethnomusicology:

The table mentioned below holds the number of Authors who have published in the field of ethnomusicology. This table shows that Authors Post JC has published the highest in numbers to date in the field of ethnomusicology, i.e., 33 in numbers out of the top ten Authors. Another authors are POST JC-33(4.508%), Sercombe L-20(2.732%),Gay LC-17(2.322%),Nettl B-12(1.639%), Stock JPJ-9(1.230%), Pettan S-8 (1.093%),Lange BR-6(0.820%), Lortat-Jacob B-6(0.820%), Rahkonen C-6(0.8205),Seeger A-6(0.820%)

Table-4: Top Ten Productive Authors on Ethnomusicology

Rank	Authors	No of Publications	% of 732
1	POST JC	33	4.508
2	SERCOMBE L	20	2.732
3	GAY LC	17	2.322
4	NETTL B	12	1.639
5	STOCK JPJ	9	1.230
6	PETTAN S	8	1.093
7	LANGE BR	6	0.820
8	LORTAT-JACOB B	6	0.820
9	RAHKONEN C	6	0.820
10	SEEGER A	6	0.820

Top Ten Countries on Ethnomusicology Research:

The table below holds the names of the countries from where the field of ethnomusicology has got its publications. This table shows that the USA has contributed a maximum number of publications in ethnomusicology, i.e., 233 out of the top ten countries. Other countries are England-72(9.836%),Australia-38(5.191%),France-31(4.235%), Canada-30(4.098%), Germany-25(3.415%),Brazil-19(2.596%),Spain-13(1.776%), Austria-12(1.6395). Slovenia-10(1.366%).

Table-5: Top Ten Countries on Ethnomusicology Research

Countries/Regions	Records	% of 732
USA	233	31.831
England	72	9.836
Australia	38	5.191
France	31	4.235
Canada	30	4.098
Germany	25	3.415
Brazil	19	2.596
Spain	13	1.776
Austria	12	1.639
Slovenia	10	1.366

Top Productive Languages on Ethnomusicology Research:

The table mentioned below holds some languages in which publications are made in the field of ethnomusicology. The table shows that maximum used language in the publications is English out of top ten languages, i.e., 631 number of publications in English language in the field of ethnomusicology. Other language wise productions are English-631(86.202%), French-30(4.098%), German-29(3.962%), Italian-10(1.366%), Spanish-7(0.956%), Portuguese-6(0.820%), Czech-5(0.683%), Turkish-5(0.683%), Croatian-4(0.546%),

Table-6: Top Productive Languages on Ethnomusicology Research

Rank	Languages	Records	% of 732
1	English	631	86.202
2	French	30	4.098
3	German	29	3.962
4	Italian	10	1.366
5	Spanish	7	0.956
6	Portuguese	6	0.820
7	Czech	5	0.683
8	Turkish	5	0.683
9	Croatian	4	0.546

Top Ten Research Area on Ethnomusicology:

The table below shows some research areas related to Ethnomusicology. This table shows that out of the top ten research areas related to ethnomusicology maximum used research area is on Music, i.e., 550 in numbers. Other publications are Music-550(75.137%), Anthropology-51 (6.967%), Arts Humanities other Topics-50(6.831%), Psychology-27(3.689%), Asian Studies-18(2.459%), History-13(1.776%), Education Educational Research-10(1.366%) Computer Science-9(1.230%), Area Studies-8(1.093%), Social Sciences Other Topics-8(1.093%)

Table-7: Top Ten Research Area on Ethnomusicology

Rank	Research Areas	Records	% of 732
1	Music	550	75.137
2	Anthropology	51	6.967
3	Arts Humanities other Topics	50	6.831
4	Psychology	27	3.689
5	Asian Studies	18	2.459
6	History	13	1.776
7	Education Educational Research	10	1.366
8	Computer Science	9	1.230
9	Area Studies	8	1.093
10	Social Sciences Other Topics	8	1.093

Top Cited Paper: This table holds few of the cited papers in the field of ethnomusicology.

Sl. No	Title of the Paper	Citation Network In Web of Science Core Collection	Citation in All Database	Average Citation Per Year
1	MUSIC AND LANGUAGE By: FELD, S; FOX, AA ANNUAL REVIEW OF ANTHROPOLOGY Volume: 23 Pages: 25-53 Published: 1994	119	121	4.41
2	Neurobiological foundations for the theory of harmony in Western tonal music By: Tramo, MJ; Cariani, PA; Delgutte, B; et al. BIOLOGICAL FOUNDATIONS OF MUSIC Book Series: Annals of the New York Academy of Sciences Volume: 930 Pages: 92-116 Published: 2001	118	119	5.9
3	The origins of music: Innateness, uniqueness, and evolution By: McDermott, J; Hauser, M MUSIC PERCEPTION Volume: 23 Issue: 1 Pages: 29-59 Published: SEP 2005	116	119	7.25
4	Statistical universals reveal the structures and functions of human music By: Savage, Patrick E.; Brown, Steven; Sakai, Emi; et al. PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA Volume: 112 Issue: 29 Pages: 8987-8992 Published: JUL 21 2015	107	107	17.83
5	Pygmy POP - A genealogy of schizophonic mimesis By: Feld, S YEARBOOK FOR TRADITIONAL MUSIC Volume: 28 Pages: 1-35 Published: 1996	84	85	3.86
6	THE THEORY OF PARTICIPATORY DISCREPANCIES + ETHNOMUSICOLOGY - A PROGRESS REPORT By: KEIL, C ETHNOMUSICOLOGY Volume: 39 Issue: 1 Pages: 1-19 Published: WIN 1995	70	70	2.69
7	Musical Communities: Rethinking the Collective in Music By: Shelemay, Kay Kaufman	60	60	6

	JOURNAL OF THE AMERICAN MUSICOLOGICAL SOCIETY Volume: 64 Issue: 2 Pages: 349-390 Published: SUM 2011			
8	For a Relational Musicology: Music and Interdisciplinary, Beyond the Practice Turn By: Born, Georgina JOURNAL OF THE ROYAL MUSICAL ASSOCIATION Volume: 135 Pages: 205-243 Article Number: PII 930190889 Part: 2 Published: 201	57	58	5.18
9	Music Perception and Cognition: A Review of Recent Cross-Cultural Research By: Stevens, Catherine J. TOPICS IN COGNITIVE SCIENCE Volume: 4 Issue: 4 Pages: 653-667 Published: OCT 2012	42	43	4.67
10	DOUBLENESS AND JAZZ IMPROVISATION - IRONY, PARODY, AND ETHNOMUSICOLOGY By: MONSON, I CRITICAL INQUIRY Volume: 20 Issue: 2 Pages: 283-313 Published: WIN 1994	41	42	1.52

Findings:

Following are the significant findings from the study-

- The year 2018 is the most productive year for Ethnomusicology research publications, with 39 numbers of publications.
- The highest numbers of Articles-404 (55.191%) in ethnomusicology.
- The University of California System is the most productive organisation on ethnomusicology -33(4.508%0).
- POST JC is the most productive authors on ethnomusicology with 33 numbers of publications and 4.508% of the total publications.
- The USA has the highest numbers of contributions, i.e., 233(31.831%), and English is the highly used language i.e. 631 numbers publications (86.202%).
- Music is the primary factor of Ethnomusicology research. Here belong the total number of 550 (75.137%).

Conclusion:

From the study, we can trace it out or can assume that people make music in two senses: 1) by physical acts, i.e., through the construction of music sound; 2) by mental and communicative acts, i.e., through the social construction or a cultural domain called “music” to which meaning is added. Hence, it can be said that ethnomusicologists, therefore, study the acts that “make” music, which includes the study of ethnomusicology itself. This formulation of “music sound” is conceived as a pure object that becomes a phantom of the positivistic imagination, leading to the collapsing of the dichotomy between “music” and “culture.” It can be assumed that the study of music in the world presents a set of questions about the procedures of ethnomusicology that are found more or less adequate. This study attempts to delve into the concept of music and discern the study of ethnomusicology in particular as not only as something that consists only of tones fundamentally, but also as a human activity.

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