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MOSLEM NUMISMATICS

INDIA EXCEPTED

BY

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PREFACE TO THE FIRST EDITION

Some time ago, when preparing the bibliographical chapter of my *Catalogue of Mamluk Coins of the Palestine Archaeological Museum*, I realized that with a little additional effort a bibliography of Moslem numismatics in general could be written. Consequently the scope of my work was enlarged, and the result is submitted herewith.

This bibliography covers the whole field up to the end of the year 1934; the relevant literature dating from 1935 onwards may be found in the *Annual Bibliography of Islamic Art and Archaeology*. India is excluded, as Moslem numismatics in that country form an almost independent section of Oriental numismatics, and a bibliography of the subject could be compiled only in either very large or very specialized libraries, none of which was within my reach during the best part of the preparation of this volume.

The bibliography is arranged by authors, and the works of each author by dates; such books or articles as I was unable to date have been grouped at the end of the chronological sequence.

Several articles were known to me from references only, and in cases where I could not lay hands on the original or find all the required information, the unchecked details had to be omitted. It seemed advisable to include such titles even in fragmentary form rather than risk inaccuracies or leave them out altogether.

It was sometimes hard to draw a line between articles devoted to coins and those dealing with glass weights and seals. In cases of doubt I preferred to include rather than to exclude an article, and I hope the reader will forgive me if I erred on the full side.

The most onerous part of the preparation for the press of a bibliography is the revision of the manuscript, and I

gladly take this opportunity to reiterate my thanks to Dr. Stella Ben-Dor and Mr. S. Levitte for their share in the checking of the present volume, as well as to Dr. T. J. Arne, Sir Richard Burn, Dr. W. Haag, Mr. M. Narkiss, Dr. Armas Salonen, Mr. J. Schulman and Mr. Igor Wahramo, who gave me additional information about certain books or articles, or called my attention to some that would otherwise have escaped my notice.

My special thanks are due to Messrs. John Allan and John Walker of the British Museum, who, besides offering me every facility during my only too short visits to their Department, very kindly read the proofs of this volume and gave me the benefit of their most valuable advice.

I should be grateful if users of this bibliography would be good enough to let me know of any omissions or inaccuracies which they may find.

PREFACE TO THE SECOND EDITION

The first edition of this bibliography has disappeared from the market earlier than expected. The second will come in a new dress which, I hope, is not merely enlarged but improved.

Appearing as it does fifteen years after the first edition, books and articles printed between 1934-1950 have been, of course, included.

Travellers have been consulted to a much greater extent, old literature has been more carefully excerpted, irrespective of the value of the articles concerned, since it seemed important to show the early development of this branch of archaeology as fully as possible.

The title of *Moslem Numismatics* is more strictly adhered to than in the previous edition. Consequently, coins issued by non-Moslems, although showing Arabic script, such as those of King Offa, Alfonso VIII, or the Norman Kings of Sicily, have been omitted; but Georgian and Armenian coins are included insofar as Arabic texts on them are an expression of Moslem suzerainty; for the same reason we have listed articles about Russian coins with Tartar countermarks. Literature about modern coins, i.e. issued after 1860, has been excluded.

The most important departure, however, is the list of dynasties mentioned in the relevant book or article, given after every title. Whenever convenient the dynasties were arranged in the sequence of their classes, since neither an alphabetical, nor factual arrangement as in the book under review, seemed to be practical, owing to the many differences between item and item.

As in the first edition, there is unfortunately a number of articles I saw only in offprints, and what is worse, a number of books and articles which were inaccessible to me during the revision. These are left without indication of dynasties.

In most other cases the latter is repeated even if evident from the title. For obvious reasons the list of dynasties is given almost without exception according to the definition of the author. It seemed advisable to group them in bigger units, such as Seljuqs or Atabaks, without indication of their various branches. Rebels are, of course, registered under legitimate rulers (e.g. Prince Philippe of Saxe-Cobourg's article about Rûm Muhammad is classified under Ottomans), only 'Abd al-Qâdir is listed separately.

This bibliography aims at completeness, consequently even in minor matters hardly any selection was made. This seemed indicated since many big collections, like that of the Russian Academy, are still without a proper catalogue. Consequently numerous lists of presents made by various Russian explorers and published in various bulletins of the Russian Academy, trivial as they may seem, are included here, since they come nearer to a real publication of the coins concerned than Markov's inventory.

While preparing this second edition I have enjoyed again the hospitality of many museums, libraries and institutes. To their curators my visits must have been a sore trial of patience, so I should like to express once more how much I appreciate their help. My thanks are due first and foremost to Dr. Husner, Chief Librarian of the University Library in Bâle, Inspector G. Galster and Mr. N. Breitenstein, Coin Cabinet of the National Museum in Copenhagen, Dr. Auguste Bouvier, Director, and Dr. Daniel Anet, Librarian, University Library in Geneva, Dr. C. Worrnann, Director, and Messrs. A. Diestenfeld and B. Goldmann, Librarians, Jewish National and Hebrew University Library, Jerusalem, Dr. A. A. Kampman, Institute of the Near East in Leiden, Mr. C. H. V. Sutherland, Ashmolean Museum in Oxford, M. André Guillon, Coin Cabinet of the Bibliothèque Nationale in Paris, Dr. N. L. Rasmussen and Dr. W. Schwabacher, Statens Historiska Museum in Stockholm.

I am grateful for new material or additional information to Professors John Allan, T. J. Arne, Franz Babinger, F. Bajraktarević, G. Colin, Gliša Elezović, Farrugia Candia, F. Mateu y Llopis, S. Rengjeo and Mr. J. Schulman, as well as to two numismatists whose names I do not mention,

since they live in a country where such cooperation, may not be appreciated by their governments and cause them harm.

At an early stage of the revision Mr. Uri Ben-Horin, of the Museum of Jewish Antiquities at the Hebrew University, Jerusalem, went over the first edition and added the indication of dynasties to 435 titles. I am grateful to him for this and for his calling my attention to several articles which I have incorporated in the present edition.

My special thanks are due to Mr. John Walker, Keeper of Coins and Medals, British Museum, and Dr. Harry W. Hazard of Princeton University, who very kindly read each a proof of this volume and gave me most valuable advice, as well as to Mr R. De Sayer, treasurer of the Université Libre de Bruxelles, whose valuable help has greatly facilitated the printing of this book.

Last not least I wish to thank M. E. De Meester and his staff for their courtesy and attention in producing this volume, and Mrs Inna Pommerantz, B. A., for having read part of the proofs.

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ABBREVIATIONS

<i>BIE</i>	= Bulletin de l'Institut d'Égypte (<i>or</i> Égyptien).
<i>CR</i>	= Académie des Inscriptions et Belles-Lettres. Comptes Rendus des Séances.
<i>JA</i>	= Journal Asiatique.
<i>JASB</i>	= Journal of the Asiatic Society of Bengal.
<i>JBBRAS</i>	= Journal of the Bombay Branch of the Royal Asiatic Society.
<i>JRAS</i>	= Journal of the Royal Asiatic Society.
<i>Mél. As.</i>	= Mélanges Asiatiques.
<i>NC</i>	= Numismatic Chronicle.
<i>NZ</i>	= Numismatische Zeitschrift.
<i>PASB</i>	= Proceedings of the Asiatic Society of Bengal.
<i>QDAP</i>	= Quarterly of the Department of Antiquities of Palestine.
<i>RN</i>	= Revue Numismatique.
<i>RNB</i>	= Revue Numismatique Belge.
<i>Spink's Circular</i>	= Spink and Son's Numismatic Circular.
<i>TOEM</i>	= Tarihi Osmani Encümeni Mecmuası.
<i>TTEM</i>	= Türk Tarih Encümeni Mecmuası.
<i>WZKM</i>	= Wiener Zeitschrift für Kunde des Morgen- landes.
<i>ZDMG</i>	= Zeitschrift der Deutschen Morgenländischen Gesellschaft.
<i>ZfN</i>	= Zeitschrift für Numismatik.
<i>ZIAO</i>	= Zapiski Imperatorskavo Arkheologicheskavo Obshchestva.
<i>ZVO</i>	= Zapiski Vostochnavo Otdeleniya Russkavo, Imp. Archeologicheskavo Obshchestva.

Other abbreviations, like *Ges.*, *Jgg.*, *Mbl.*, *Num.*, *N.S.*
Proc., etc. are selfevident.

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Umayyads, Abbasids, glass-weights.
3. 'ABD EL QADER, L'Emir el H'adj (*sic*) : Règlements militaires avec appendice. Texte et traduction nouvelle accompagnée de notes (in *Bulletin de Correspondance Africaine*, 1886, 5^e année, pp. 5-61).
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Glass-weights.
5. — (in *Bull. archéol. du Comité des travaux hist. et scient.*, 1926, p. xxxviii f.).
Glass-weights.
6. — Un témoin de la conquête arabe de l'Espagne (in *Revue Tunisienne*, 1932, pp. 145-151, 1 pl.).
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7. — Un tournant de l'histoire aghlabite. L'insurrection de Mansour Tonbodhi, seigneur de la Mohammedia (in *Revue Tunisienne*, 1937, repr. 1938, pp. 343-352, pl. between pp. 54 and 55).
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Review of F. v. Erdmann, *Numi Asiatici and Numophylacium Univ. Casanensis*.

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 Umayyads, Abbasids, Umayyads in Spain, Abbadids, Aghlabids, Ikshidids, Saffarids, Samanids, Ilkhanids, Seljuqs, Danishmandids, Urtuqids, Zangids (Atabaks), Fatimids, Almoravids, Almohads, Ayyubids, Sharifs of Morocco; glass-weights.
 Rev. (of *Coll. nova*, 1st ed.): *Bibliotheca di Torino*, offprint dated 1793, 23 p. — Rev. (of *Coll. nova*, 2nd ed.): Eichhorn's *Allgemeine Bibl. d. bibl. Litt.*, 1795, Bd. VI, pp. 899-906.
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12. AGNETHLER, Michael Gottlieb: *Beschreibung des Schulzischen Münzkabinet*. IV. Theil. Halle, J. J. Gebauer, 1751.
 Altarabische Münzen mit kufischer Schrift, pp. 4-8; Persische Silbermünzen, p. 16; Türkische Münzen, p. 17 f.
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 P. 7: Samanids (fragts), p. 13: 3 « Cufic ».
17. ALCOVER, Miguel: *El Islam en Mallorca (707-1232) y la cruzada Pisano-Catalana (1113-1115)*. Palma de Mallorca, 1930.
 Pp. 163-169 (unnumbered): Monedas propias de las Islas Baleares, acuñadas por los dominadores islamitas.
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22. — *Yildirim Bayazidin sikkeleri* (ib., pp. 277-282, ill.).
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23. — Fatih Zamanında akçe ne idi? (*ib.*, 1340, vol. IX-XIII, pp. 59-62).
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24. — Emir Süleyman khan sikkeleri (*ib.*, pp. 353-357).
Ottomans.
25. — İsa Çelebi sikkeleri (*ib.*, 1926, vol. XV, pp. 101-106, ill.).
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26. — Mustafa Çelebi aqçeleri (*ib.*, pp. 387-390, ill.).
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27. — Çelebi Sultan Mehmedin sikkeleri (*ib.*, 1927, vol. XVI, pp. 42-49, ill.).
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31. — Medieval Muhammadan Coins (in *British Museum Quarterly*, 1934, vol. VIII, p. 50 f.).
Umayyads, Abbasids, Ghaznawids, Buwayhids, Seljuqs, Mongols.
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40. — Une monnaie musulmane d'un type inédit trouvée à Suse (in *RN*, 1928, 4^e sér., t. XXXI, pp. 20-27, 1 fig.).
Umayyads.
41. — Inventaire des monnaies trouvées à Suse pendant la campagne de fouilles 1925-1926 (in *Mémoires de la Mission Archéologique de Perse*, 1928, t. XX).
Pp. 6-20, 42-44, pl. 1: Abbasids, Samanids, Buwayhids, Hamdanids, Golden Horde, Qajars.
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Pp. 48-55, pl. II: Umayyads, Abbasids.

43. — Monnaies trouvées à Suse au cours des premières campagnes de la délégation (*ib.*).
Pp. 59-63: Sefevids.
44. — Monnaies recueillies à Suse en 1927-1928 (*ib.*).
P. 75: Abbasids.
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Pp. 18 f., 26 f.: Umayyads, Abbasids, Buwayhids.
46. — Notes additionnelles au sujet des inventaires du Dr. J.-M. Unvala et de quelques pièces n'y figurant pas (*ib.*).
Pp. 97-102: Umayyads, Ilkhanids, Ottomans.
47. — Monnaies inédites des Kākwayhids (in *NC*, 1935, 5th ser., vol. XV, pp. 68-72, map).
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Buwayhids.
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Jastanids (Dailamite of Wahsudan), Hamdanids, Uqailids, Marwanids.
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Umayyads, Abbasids, Idrisids, Aghlabids, Tahirids.
Anhang I: Der Münzfund von Wolde, pp. 109-114: Abbasids, Samanids.
Anhang II: Der Münzfund von Leal, pp. 115-118: Samanids.
Anhang III: Eine unedierte Sohlänmünze, pp. 119-121: S. b. Maktûm, Amir of Enderaba.
Revs.: *NC*, 1927, pp. 294-296; Zambaur, *NZ*, 1926, pp. 165-67.
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Pp. 37-73, pls. 4-11, Kufische Münzen: Abbasids, Ikshidids, Samanids, Wolga-Bulghars, Bek-Khans, Buwayhids, Hamdanids, Ziyarids, Uqailids, Marwanids.
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Abbasids, deciphered by Kehr.
63. — Monnoies des Arabes qui ont eu cours en Portugal (in *Journal étranger*, Paris, Mars 1755, pp. 52-60).
Dobras Mouriscas (= doublons).
64. — *Beschreibung eines sehr seltenen Ostindischen Münz-Cabinets*. Nürnberg, in Commission bey Christian Gotthold Hauffe, 1779, 39 p.
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About a find of Samanid coins near Neubrandenburg, deciphered by Conrektor Langbein in Friedland.
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68. — Découverte de médailles près de Wisby (île de Gotland) (in *Journal Archéologique*, 1848-1849, t. V, p. 443).
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69. — *Bayān as'ūr as-sikka al-mutlanawī'a*. Lithogr. Cairo (?), prior to Dhū-l-Qa'da 1257.
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70. — Parures et monnaies des x^e et xi^e siècles, découvertes en Norwège (in *Journal Archéologique*, 1848-1849, t. V, p. 633).
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73. — Drittes Schreiben etc. (*ibid.* pp. 91-93).
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Pp. 20-25 : Coins of Khalifs, Mamluk Sultans, etc., of Egypt and Syria ; p. 40 : Turkey.
* Khalifs *, Zangids (Atabaks), Ayyubids, Mamluks, Ottomans.
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See J. H. SCHROEDER.
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Durrānis, Afsharids.
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Durrānis.
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Ilkhanids ; in reality written by O. Codrington [Walker].
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385. — Coinage of Husain Baikara (in *JRAS*, 1913, p. 1048 f.).
Timurids, Shaybanids.
386. (DAMME) : *Catalogue du cabinet de Médailles de feu M. P. van Damme* (Amsterdam, Allart et Comp., 1807), 342 p.
Pp. 307 f., 323, 331 : Royaumes d'Asie et d'Afrique.
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Pseudo-Samanids.
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P. 96 : Abbasids, Samanids.
Rev. : Blau, *ZDMG*, 1852, p. 423.
389. — *Die deutschen Münzen der sächsischen und fränkischen Kaiserzeit*. Berlin, Weidmannsche Buchhandlung, 1876.
Pp. 40-60 : Die Münzfunde. Many Arab coins noted, but no details given.

390. — Der Denarfund von Jarocin (in *ZfN*, 1880, vol. VII, pp. 146-156).
P. 156 : Abbasids, Samanids, Buwayhids, deciphered by Ernaun.
391. — Zwei Funde von Denaren des zehnten und elften Jahrhunderts (in *ZfN*, 1884, Bd. XI, pp. 253-330).
P. 259 : Samanids, Buwayhids, Hamdanids.
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Pp. 237-242 : Moslem coins. General.
Rev. : F., *NZ*, 1890, p. 279 f.
393. — Noch drei esthnische Denarfunde (in *ZfN*, 1906, Bd. XXV, pp. 68-76, ill.).
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P. 103 : Münzen.
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A mould for casting Mamluk coin - shaped ornaments, discovered in the district of Gaza.
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398. — *Du rapport légal de valeur entre l'or, l'argent et le cuivre chez les peuples anciens et les Arabes*. Paris, 1911.
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Fatimids. Cf. also Tornberg, Soret, de Sacy.
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General.
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P. XLIV f. : Ayyubids, Mamluks, Ottomans. Merely list.
403. — Clasificación de las 173 monedas de plata arabes encontradas en Consuegra (*ib.*, 1851, t. I, p. lv f.).
Umayyads in Spain, Fatimids.
404. — [Further gift of various coins made by Antonio Lopez] (*ib.*, 1852, t. IV, pp. v-xi, pl. i).
Umayyads, Abbasids, Ilek-Khans, Seljuqs, Urtuqids, Atabaks, Ayyubids, Mamluks, Sefevids.
405. — Explicación de las diez y seis monedas dibujadas en la lámina I^a de este tomo cuarto, escogidas entre las cuatrocientas veinte y seis, que fueron donadas al museo de la Academia por el Excmo Sr. D. Antonio Lopez de Córdoba en 1851 (*ib.*, 1852, t. IV, pp. xix-xxvii, pl. I).
Pp. xxiii-xxvii : Umayyads, Abbasids, Urtuqids, Zangids, Ayyubids, Mamluks.
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Umayyads in Spain, Reyes de Taifas, Samanids.

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410. DEMEL, Hans : Die orientalische Numismatik in Österreich (in *Mitteilungen d. num. Gesellschaft in Wien*, 1936, Bd. XVI, p. 300).

Varia.

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Samanids.

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Short bibliography.
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Almohads.
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Abbasids.
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Almohads.
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Umayyads, Abbasids, Fatimids, Mamluks, Giray Khans, Ottomans.
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Sharifs of Morocco.

423. — *Beschreibung der gangbaren Marokkanischen Gold-, Silber- und Kupfer-Münzen nebst einem Anhang von einigen seltenen Münzen*. Wien, Camesinische Buchhandlung, 1803, 4 + 53 p., 1 pl.
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Sharifs of Morocco, Almoravids.
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Rev.: S. de S(acy), *Magasin Encyclopédique*, 1803, IX^e an., t. I, p. 143 f.
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P. 78: Hoard containing — among others — Arabic dirhams discovered between Pragsdorf and Warlin.
426. DORN, Bernhard: Über einige aus dem Münzcabinette der ehemaligen Wilna'schen Universität in die St. Wladimir-Universität zu Kiew übergegangene morgenländische Münzen (in *Bull. Scient.*, 1837, vol. II, cols. 196-205).
Umayyads, Abbasids, Samanids, Volga-Bulghars.
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427. — Die letzte Schenkung von morgenländischen Münzen an das Asiat. Museum (in *Bull. hist. phil.*, 1843, I, cols. 268-272, 1 pl.).
Qajars, Khans of Sheki, Khans of Shamakhi, Ottomans.
428. — Die neueste Bereicherung des Asiatischen Münzcabinettes der Kaiserl. Akademie der Wissenschaften (in *Bull. hist. phil.*, 1843, vol. I, cols. 105-110).
Cols. 105-107, 110: Umayyads, Abbasids, Hulagids, Seljuqs, Muzaffarids, Jalayrids, Timurids, Aqquyunlu, Sefevids, Ispehbeds, Khans of Khiwa.
429. — Über eine neue Bereicherung des Asiatischen Museums (in *Bull. hist. phil.*, 1844, vol. II, cols. 87-89).
Abbasids, Hulagids, Jalayrids, Ispehbeds.
430. — Rapport sur quelques nouvelles acquisitions du Musée Asiatique (in *Bull. hist. phil.*, 1846, III, cols. 203-206).
Ispehbeds.

431. — Deux rapports sur quelques nouvelles acquisitions du Musée Asiatique (in *Bull. hist. phil.*, 1846, III, cols. 220-224).
Seljuqs, Hulagids.
432. — *Das Asiatische Museum der kaiserlichen Akademie der Wissenschaften zu St. Petersburg*. St. Pétersbourg, 1846, xii + 776 pp., 1 pl., figs.
General, cf. Index.
433. — Über einige der neuesten Münzerwerbungen des Asiatischen Museums (in *Bull. hist. phil.*, 1848, vol. V, cols. 139-142).
Abbasids, Seljuqs, Hulagids, Ottomans, Georgians.
434. — Die letzten Erwerbungen des Asiatischen Museums im Jahre 1848 (in *Bull. hist. phil.*, 1849, t. VI, cols. 129-140 = *Mél. As.*, 1852, t. I, pp. 1-15).
Jujids.
435. — Noch ein paar Worte über eine Münze des jetzigen Schahs von Persien (in *Bull. hist. phil.*, 1849, t. VI, col. 318 = *Mél. As.*, 1852, t. I, pp. 153-154).
Qajars.
With reference to Khanykof's *Quelques inscriptions musulmanes* (in *Bull. hist. phil.*, 1849, t. VI, p. 200).
436. — Rapport... sur les monnaies orientales offertes en don par M. Kasatchenko (in *Bull. hist. phil.*, 1852, vol. IX, cols. 283 f. = *Mél. As.*, 1849-1852, t. I, pp. 559-60).
Samanids, Jujids, Giray Khans, Khans of Khiwa, Sefevids, Qajars, Ottomans, Georgians.
437. — Aus einem Briefe ... an Prof. Fleischer (in *ZDMG*, 1854, vol. VIII, p. 841 f.).
Abbasids (rejoinder to Stickel, *Abbasiden-Dirham*, *ZDMG*, 1852, and Tornberg, *ZDMG*, 1853).
438. — Noch einige Nachweisungen über Pehlewy-Münzen (in *Bull. hist. phil.*, 1854, vol. XII, cols. 81-89 = *Mél. As.*, 1852-1856, t. II, pp. 387-398).
Arab Governors.
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Ispahbede, Chalifen u. deren Statthalter (in *Bull. hist. phil.*, 1854, t. XI, cols. 225-236 = *Mél. As.*, 1852-1856, t. II, pp. 249-263).

P. 256 f.: Umayyads.

440. — Acquisitions nouvelles (in *Bull. hist. phil.*, 1855, t. XII, cols. 316-318 = *Mél. As.*, 1852-1856, t. II, pp. 490-491).
Atabaks, Hulagids, Qajars, Khans of Shekl.
441. — Über die letzten dem Asiatischen Museum zugekommenen Pehlewy-Münzen (in *Bull. hist. phil.*, 1856, vol. XIII, cols. 346-348 = *Mél. As.*, 1852-1856, t. II, pp. 608-611).
Arab Governors, Tabaristan.
442. — Bericht über die von... v. Bartholomaei dem Asiatischen Museum verehrten Münzen (in *Bull. hist. phil.*, 1857, vol. XIV, cols. 390-392 = *Mél. As.*, 1857-1859, t. III, pp. 166-169).
Timurids, Qaraqayunlu.
443. — Verzeichniß der vom ... v. Bartholomäi dem Asiatischen Museum verehrten und am 13. Novbr. der histor.-philol. Classe vorgelegten Münzen (in *Bull. hist. phil.*, 1858, vol. XV, cols. 158-160 = *Mél. As.*, 1857-1859, t. III, pp. 240-241).
Abbasids, Hamdanids.
444. — I. Bericht über einige vom ... Chanykov von Astrabad aus dem Asiatischen Museum übersandten Geschenke (in *Bull. hist. phil.*, 1859, t. XVI, col. 68 f. = *Mél. As.*, 1857-1859, t. III, p. 490 f.).
Umayyads.
445. — Neue Ansichten in der Pehlewy-Münzkunde (in *Bull. hist. phil.*, 1858, t. XVI, cols. 1-24 = *Mél. As.*, 1857-1859, t. III, pp. 426-459).
Umayyads, Ispahbeds, Arab Governors.
446. — Nachträge zu den Neuen Ansichten in der Pehlewy-Münzkunde (in *Bull. hist. phil.*, 1858, t. XVI, cols. 33-44 = *Mél. As.*, 1857-1859, t. III, pp. 460-475).
Umayyads, Ispahbeds, Arab Governors.

447. — II. Bericht über eine vom ...Chanykov dem Asiatischen Museum aus Meschhed zugekommene Sendung (in *Bull. hist. phil.*, 1859, t. XVI, cols. 69-72 = *Mél. As.*, 1857-1859, III, pp. 492-496).
Umayyads, Abbasids, Ghaznawids.
448. — Neun vom General Bartholomäi dem Asiatischen Museum geschenkte Münzen (in *Bull. hist. phil.*, 1859, vol. XVI, cols. 99-102 = *Mél. As.*, 1857-1859, t. III, pp. 502-505).
Shirwanshahs, Tabaristan.
449. — Forschungen in der Pehlewy-Münzkunde (in *Bull. hist. phil.*, 1859, vol. XVI, cols. 257-269 = *Mél. As.*, 1857-1859, t. III, pp. 613-630).
Umayyads, Abbasids.
450. — Forschungen in der Pehlewy-Münzkunde. II (in *Bull. Ac. Imp. St. Pétersbourg*, 1859, t. I, pp. 478-480 = *Mél. As.*, 1860-1863, t. IV, pp. 22-24).
Umayyads, Tabaristan (168 AH).
451. — Die von Herrn Gussev dem Asiatischen Museum geschenkten muhammedanischen Münzen (in *Bull. Acad. Imp. des Sciences*, St. Pétersbourg, 1860, t. I, col. 338 f. = *Mél. As.*, 1860-1863, t. IV, pp. 712-714).
Umayyads, Ilkhanids, Sefevids, Qajars.
452. — Über die vom wirklichen Staatsrath Chanykow dem Asiatischen Museum zugekommenen Sendungen von morgenländischen Münzen und Handschriften (in *Bull. Ac. Imp. St. Pétersbourg*, 1860, t. I, pp. 513-536 = *Mél. As.*, 1860-1863, t. IV, pp. 29-62).
Umayyads, Abbasids, Samanids, Ghaznawids, Seljuqs, Jaghatays, Timurids, Shaybanids, Aququymu, Sefevids, Afsharids, Qajars.
453. — Eine Münze des Schirwanschahs Minutschehr (in *Bull. de l'Ac. des Sciences*, 1864, t. VII, cols. 482-484 = *Mél. As.*, 1864-1868, t. V, pp. 218-220).
Shirwanshahs.
454. — Bemerkungen über A. Mordtmann's Erklärung der

Münzen mit Pehlewi Legendes (in *ZDMG*, 1867, vol. XXI, pp. 161-168).

Umayyads. Rejoinder to Mordtmann, *ZDMG*, 1865.

455. — Zwei dem Asiatischen Museum zugekommene Münzerwerbungen (in *Bull. Acad. Imp. d. Sc., St-Pét.*, 1869, t. XIV, cols. 188-191 = *Mél. As.*, 1869-1873, t. VI, pp. 141-150).
Umayyads, Abbasids, Tahirids.
456. — Über eine dritte dem Asiatischen Museum im J. 1869 zugekommene Münzerwerbung (in *Bull. Acad. Imp. d. Sciences, St-Pét.*, 1869, t. XIV, cols. 329-333 = *Mél. As.*, 1869-1873, t. VI, pp. 187-194).
Umayyads, Abbasids, Tahirids, Samanids, Buwayhids.
457. — Sieben aus dem Nachlass des Gen. Lieut. v. Bartholomaei dem Asiatischen Museum zugekommene Münzen (in *Bull. Acad. Imp. d. Sc. St. Pét.*, 1872, t. XVIII, cols. 152-154) = *Mél. As.*, 1869-1873, t. VI, pp. 678-680).
Seljuqs, Arab Governors, Ispahbeds.
458. — *Collection de monnaies Sassanides de feu le Lieutenant-Général J. de Bartholomaei représentée d'après les pièces les plus remarquables*. St. Pétersbourg, Eggers et Cie, 1873, 9 p., 32 pls.; 2nd edition, 1875, 14 pp.
Rev.: Mordtmann, (*Augsb.*) *Allg. Zeitg.*, Beilage, 4 Nov. 1873, No. 308, reprinted in 2nd ed.
On pp. 4-6, an incomplete list of Bartholomaei's publications, prepared by himself.
459. — Eine zweite Bereicherung des Asiatischen Museums von Seiten Hrn. Bakulin's (in *Bull. Acad. Imp. d. Sc., St-Pét.*, 1875, t. XX, cols. 520-22 = *Mél. As.*, 1873-1876, t. VII, pp. 429-432).
Timurids, Sefevids, Afsharids.
460. — Caspia. Über die Einfälle der alten Russen in Tabaristan (in *Mémoires de l'Acad. Imp. d. Scienc. de St. Pétersbourg*, 1868, publ. 1875, VII^e sér., t. XXIII, No. 1).
Jastanids, Muzaffarids, Qajars; lit. about Arab coin hoards in Russia.

461. — Über eine merkwürdige Timuriden-Münze (in *Bull.* 1876, t. XXI, p. 517 f. = *Mél. As.*, 1873-1876, t. VII, pp. 769-771).

With two Timurid countermarks.

462. — Sechsendachtzig Silbermünzen mit Pehlewy-Inschriften (in *Bull. Acad. d. Sc. St-Pét.*, 1877, t. XXIII, cols. 513-21 = *Mél. As.*, 1876-1881, t. VIII, pp. 269-280).

Arab Governors, Ispahbeds.

463. — *Inventaire des monnaies des khalifes orientaux et de plusieurs autres dynasties.* St. Pétersbourg, Eggers et Cie, 1877, xvi + 64 p.

Collections Scientifiques de l'Institut des Langues Orientales du Ministère des Affaires Étrangères, vol. II.

Umayyads, Abbasids, Umayyads in Spain, Hammudids, Idrisids, Aghlabids, Tabirids, Saffarids, Samanids, Ilek-Khans, Ghaznawids, Khwarizmshahs, Buwayhids, Ziyarids, Seljuqs, Fatimids, Almoravids, Almohads.

464. — Über die Münzen der Heke oder ehemaligen Chane von Turkistan (in *Bull. Ac. Imp. St. Pétersbourg*, 1880, t. XXVI, pp. 542-571 = *Mél. As.*, 1876-1881, t. VIII, pp. 703-744).

465. — Nachträge zu der Abhandlung über die Münzen der Heke oder ehemaligen Chane von Turkistan (in *Bull. Ac. Imp. St. Pétersb.*, 1881, t. XXVII, cols. 151-64 = *Mél. As.*, 1880-1888, t. IX, pp. 55-73).

466. — and GAMAZOFF: *Monnaies de différentes dynasties musulmanes.* St. Pétersbourg, Eggers et Cie, 1881, xv + 65-233 pp., 10 pls.

Collections scientifiques de l'Institut des Langues Orientales, vol. IV.

Tabirids, Saffarids, Samanids, Emir Barmân, Wolga-Bulghars, Alids, Ispahbeds, Ilek-Khans, Ghaznawids, Khwarizmshahs, Buwayhids, Ziyarids (Daylamids), Seljuqs, Saljuqs, Hafsids, Ayyubids, Mamluks.

467. — *Bemerkungen auf Anlass einer wissenschaftlichen Reise in dem Kaukasus und den südlichen Küstenländern*

des Kaspischen Meeres in den Jahren 1860-1861 ... Reise nach Masanderan... St. Pétersbourg, 1895.

Coins on pp. 205 f., 231 f., 238-240 : Arab Governors, Alids, Ispahbeds, Kayusids.

— see also FRAEHN.

468. DOZY, R. P. A.: *Recherches sur l'histoire politique et littéraire de l'Espagne pendant le Moyen Age.* Leyde, 1849.

Pp. 238-268 : Les historiens arabes et les numismates européens.

469. DROUIN, Edme Alphonse: Observations sur les monnaies à légendes en pehlvi et pehlvi-arabe (in *Revue Archéologique*, 1884, 3^e sér., t. IV, pp. 150-165, 223-236, pl.; 1885, t. V, pp. 204-225, 372-379; 1885, t. VI, pp. 1-15, 142-166, pls. XVIII, XXIII).

Umayyads.

Rev.: Babelon, *RN*, 1886, p. 416 f.

470. — Les collections de monnaies orientales appartenant à la Société Asiatique de Paris (in *RN*, 1892, 3^e sér., t. X, pp. 345-348).

General survey of the collections Scott and Ariel; reprinted in:

471. — Rapport sur la collection de médailles appartenant à la Société Asiatique et provenant des legs Scott et Ariel (in *JA*, 1892, 8^e sér., t. XIX, pp. 366-370).

472. — Notice sur les monnaies mongoles faisant partie du Recueil des documents de l'époque mongole publié par le Prince Roland Bonaparte (in *JA*, 1896, 9^e sér., t. VII, pp. 486-544).

Ilkhanids, Khans of the White Horde, Khans of the Blue Horde.

473. — Histoire de l'épigraphie sassanide (aperçu sommaire) (in *Le Muséon et la Revue des Religions*, 1898, pp. 5-14, 108-121).

Includes Moslem coins as well.

474. — Les symboles astrologiques sur les monnaies de la

- Perse (in *Gazette Numismatique*, Bruxelles, 1901, t. V, pp. 71-74, 87-91).
- Seljuqs, Ilkhanids, Sefevids.
475. — Almohades et Hafsides (in *RN*, 1902, 4^e sér., t. VI, pp. 132-135).
- Almohads, Hafsids.
476. DUGGATE, R.: *Notice sur les poids, mesures et monnaies de Tunis...*, Paris, Barrois l'aîné, 1832, vii + 56 pp.
- Husainids.
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Added L. - p. : Numi Muhammedani qui in Academiae imperialis scientiarum Petropolitanae museo Asiatico asservantur... Tomus I.
Umayyads (East and Spain), Abbasids, Reyes de Taifas, Idrisids, Aghlabids, Tahirids, Saffarids, Samanids, Ilek Khans, Ghaznawids, Khwarizmshahs, Buwayhids, Ziyarids, Alids, Uqailids, Marwanids, Seljuqs, Urtuqids, Atabaks, Fatimids, Almohads, Ayyubids, Mamluks, Jalayrids, Jujiids, Giray Khans, Sarbadarids, Hulagids, Jaghatays, Timurids, Shaybanids, Janids, Mangits, Sefevids, Afghans, Afsharids, Zandids, Qajars, Ottomans, Sharifs of Morocco, Georgian.
Revs : *Beck's Allg. Repert.*, 1825, Nr. 4 ; Senkowski, *Journ. de St. Pétersbourg*, 1827, Nos. 102-103 ; id., *Severnaya Ptshela*, 1827, Nos. 105, 107, 109, 110 ; (Hall.) *A.L.Z.*, 1830, Nr. 140, cols. 473-75.
561. — Über einen im Gouvernement Tula gemachten Fund kufischer Münzen (in *St. Petersburg. Zeit.*, 1828, Nr. 11.)

562. — De defectibus rei num. Muhammedanae (in *Chleni Imp. Akad. Nauk*, vol. I, p. 59).
563. — Über die frühere Orient. Münz-Sammlung der Charkower Universität (in *St. Petersb. Zeit.*, 1828, Nr. 20).
564. — Über das orientalische Münzkabinett der kaiserlichen Universität Charkow (in *St. Petersb. Zeit.*, 1829, No. 43).
565. — Orientalische Numismatik (in *Leipziger Literatur-Zeitung*, 1830, No. 74, cols. 585-592).
Seljuqs, Atabaks, Sefevids, Zandids, Qajars.
566. — Über die von Persien an Russland in Gemässheit des Friedens-Tractates von Turkmantschai gezahlten Entschädigungsgelder (in *St. Petersb. Zeit.*, 1829, Nr. 56).
567. — Über die von S. Majestät der Akad. der Wiss. zu St. Petersburg verehrte grosse persische Münzsammlung (in *St. Petersb. Zeit.*, 1829, Nr. 56, pp. 136-138).
Reprinted in Dorn, *Das Asiat. Mus.*, pp. 387-400.
568. — Orientalische Miscellen aus St. Petersburg (in *Leipz. LZ*, 1830, Nr. 116).
Umayyads, Qajars.
569. — Drei Münzen der Wolga-Bulgharen aus dem x. Jahrhundert n. Chr. (in *Mémoires de l'Acad. Imp. des Sciences*, 6^e sér., 1832, t. I, pp. 171-204, 1 pl.).
Wolga-Bulghars.
Revs.: *Gött. Gel. Anz.*, 1832, St. 20, p. 187 f.; Kosegarten, *Jen. A.L.Z.*, 1832, Nr. 132.
570. — Die Münzen der Chane vom Ulus Dschutschis oder von der Goldenen Horde, nebst denen verschiedener anderen muhammedanischen Dynastien im Anhang; aus der ehemaligen Sammlung... C. von Fuchs zu Kasan, jetzt der Kais. Universität daselbst gehörig. St. Petersburg und Leipzig, 1832, xx + 78 pp., ill., pls. A, I-XVII.
Russ. transl. by M. Volkov, St. Pet., 1832.
Umayyads, Abbasids, Aghlabids, Tahirids, Samanids, Ilek-Khans, Khwarizmshahs, Mongol Khans, Ziyarids, Isphahids, Ilahids, Danishmendids, Jalayrids, Jujids, Giray-Khans,

- Jaghatays, Timurids, Shaybanids, Mangits, Sefevids, Afghans, Zandids, Qajars, Ottomans, Sharifs of Morocco.
Revs.: *Severn. Pisheta*, 1833, pp. 65-68; *Gött. Gel. Anz.*, 1833, pp. 238-40; Hamaker, *van der Chijs, Tijdschrift voor algemeene Munt- en Penningkunde, Tweede Stuk*, Lelden, 1836, p. 162; Hammer, *Jahrb. d. Lit.*, Wien, 1836, Bd. 76, p. 245 f.; F. Charnoy, *J.A.*, 1837, t. IV, pp. 261-273.
571. — De Il-Chanorum seu Chulaguidarum numis commentationes duae (in *Mémoires de l'Académie Imp. des Sciences de St. Pétersbourg*, 1834, 6^e sér., vol. II, pp. 479-548, 562, 2 pls.).
Ikhanids.
Revs.: Hammer, *Wien. Jahrb. d. Lit.*, 1836, Bd. 76, p. 245 f.; A. Th. Hartmann, *Blätter f. litter. Unterhalt.*, December, 1836, Beil., p. 1518; *Jen. A.L.Z.*, 1837, Nos 7-8; Reinaud, *J.A.*, 1839, t. VIII, p. 113.
572. — Beleuchtung der merkwürdigen Notiz eines Arabers aus dem xi. Jahrhundert über die Stadt Mainz (in *Mémoires de l'Acad. Imp. des Sciences, St. Pétersbourg*, Sciences pol., hist., philol., 1834, 6^e sér., vol. II, pp. 87-99).
About Arabic coins found in Mainz attributed by Turtūshī to Samanids.
573. — Paralipomena numorum in tabb. III et IV delineatorum, seu variarum dynastiarum Muhammedanarum, maxime gentis Seldschikudicae numi anecdoti (in *Mémoires de l'Académie Imp. des Sciences de St. Pétersbourg*, 1834, 6^e sér., vol. II, pp. 549-61, pls. III-IV).
Saffarids, Ghaznawids, Seljuqs, Mamluks, Timurids, Ottomans, Zaidids of Yaman.
574. — Über die ehemalige mongolische Stadt Ukek im Süden von Saratow und einen dort unlängst gemachten Fund (in *Mémoires de l'Académie Imp. des Sciences, St. Pétersb.*, 1836, 6^e sér., t. III, pp. 73-87).
Jujids.
Rev.: *Jen. A.L.Z.*, 1837, Nos. 7-8; A. Th. Hartmann, *Blätter für Lit. Unterhalt.*, Dec. 1836, Beil., p. 1518 f.
575. — Die neuesten Bereicherungen der muhammedanischen Numismatik. Erste Lieferung. Aus der neubegon-

nenen Münzsammlung des H. Staatsr. v. Fuchs zu Kasan (in *Bull. scient.*, 1836, vol. I, pp. 99-102, 105-110, vol. IV, 1838, pl. I).

Umayyads, Abbasids, Samanids, Seljuqs, Jujids, Khwarizmshahs, Jaghatays, Timurids.

Rev. : Zipser (in *Leitzmann's Num. Zeit.*, 1838, V, cols. 9-12, 17-20, 38-40).

576. — Die neuesten Bereicherungen der muhammedanischen Numismatik. Zweite Lieferung. Aus dem Museum der Kais. Universität zu Moskau (in *Bull. scient.*, 1836, vol. I, pp. 125-128, 132-136, 1838, vol. IV, pl. D).

Abbasids, Saffarids, Seljuqs, Giray Khans, Ottomans.

Rev. (1. und 2. Lieferung) : [Kosegarten,] *Jen. A.L.Z.*, 1838, Ergänzbl., Nr. 67, cols. 145-150).

577. — Über einige neue Münz-Erwerbungen des Hn. Grafen S. v. Stroganow zu Moskau (in *Bull. Scient.*, 1837, vol. II, cols. 81-91, 1838, vol. IV, pl. D).

Samanids, Atabaks.

Revs. : *L'Institut*, II^e Sect., 1837, No. 14 ; Kosegarten, *Jen. A.L.Z.*, 1838, Ergbl., Nr. 68, cols. 153-155 ; *Weissen-seer Numismat. Zeit.*, vol. V, Nr. 23.

578. — Einige Berichtigungen zu Hn. Lelewel's Numismatique du moyen âge (in *Bull. scient.*, 1837, vol. II, cols. 177-192).

Review dealing mainly with coins of Isphaheds, Abbasids, Umayyads in Spain, Samanids, Urtuqids, Atabaks, Mamluks.

579. — Erklärung der im J. 1830 bei Steckhorn im Thurgau ausgegrabenen Münzen (in *Bull. Scient.*, 1837, vol. II, cols. 326-334).

Abbasids, Idrisids.

Revs. : *L'Institut*, 1838, No. 27, pp. 20-22 ; [Kosegarten,] *Jen. A.L.Z.*, 1838, Ergbl. No. 67, cols. 150-152.

580. — Aufklärung über die zwei von Oelter edirten arabischen Münzen (in *Bull. scient.*, 1837, vol. II, cols. 331-336).

Urtuqids.

Rev. : *L'Institut*, II^e sect., 1838, No. 28, p. 27.

581. — Über eine bisher verkannte Orthokidenmünze (in *Bull. scient.*, 1837, vol. II, cols. 355-357).

Urtuqids.

Revs. : *L'Institut*, II^e sect., 1838, No. 28, p. 27 f. ; Kosegarten, *Jen. A.L.Z.*, 1838, Ergbl. No. 68, cols. 155-156.

582. — Über das Todesjahr des Inam's Aly Risza, und die Münzen desselben (in *Bull. scient.*, 1837, vol. II, cols. 357-360).

Abbasids.

Revs. : *L'Institut*, II^e sect., 1838, No. 28, p. 28 ; Kosegarten, *Jen. A.L.Z.*, 1838, Ergbl. No. 68, col. 156.

583. — Aufschluss über die beiden Münzen bei dem Spanier Cavanilles (in *Bull. scient.*, 1837, vol. II, cols. 360-362).

Umayyads (in Spain).

Rev. : *L'Institut*, II^e sect., 1838, No. 28, p. 28 f. ; Kosegarten, *Jen. A.L.Z.*, 1838, Ergbl. No. 68, col. 157.

584. — Nachlese zur Numismatik des Tschinggisiden von Iran (in *Bull. scient.*, 1837, vol. II, cols. 362-365).
Additions to « De Il-Chanorum etc. » (No. 599).

Ilkhanids, Sefevids.

Rev. : *L'Institut*, II^e sect., 1838, No. 28, p. 29 ; Kosegarten, *Jen. ALZ*, 1838, Ergbl. No. 68, col. 157.

585. — Die ältesten Münzen der Dynastie Sefy (in *Bull. scient.*, 1837, vol. III, cols. 3-7).

Sefevids.

Rev. : Kosegarten, *Jen. ALZ*, 1838, Ergbl. No. 68, col. 157 f.

586. — Extraits [from his « *Quinque centuriae* »] (in *Bull. scient.*, 1837, t. III, cols. 33-36 ; 1839, t. V, cols. 305 f. ; 1839, t. VI, col. 181).

In reality a preliminary announcement.

587. — Ein paar Worte über die Trauermünze des Ortokiden-Königs Juluk Arslan, und Berichtigung eines bisher in Bezug auf eine andere, demselben zugeschriebene Münze bestandenen Irrthums (in *Bull. scient.*, 1838, vol. IV, cols. 69-72).

Urtuqids.

Rev. : *L'Institut*, II^e sect., Sept. 1838, No. 33, p. 93 f. ; (*Leitzmann's*) *Num. Zeit.*, 1839, Jgg. 6, col. 38.

588. — Auswahl einiger Seltenheiten und Merkwürdigkeiten aus der Münzsammlung der Asiatischen Sprachanstalt des Ministeriums der auswärtigen Angelegenheiten hieselbst (in *Bull. scient.*, 1838, vol. IV, cols. 147-158, 2 pls.).
Zaydids of Tabaristan, Tahirids, Samanids, Buwayhids, Seljuqs, Urtuqids, Timurids, Sefevids, Zandids, Qajars, Ottomans.
Revs: *L'Institut*, 11^e Sect., Oct. 1838, No. 34, p. 113 f.; (*Leitzmann's*) *Num. Zeit.*, 1839, Jgg. 6, col. 38 f.
589. — Über einige bemerkenswerte Stücke des Orientalischen Münzkabinetts der Kaiserl. Universität zu Kiew (in *Bull. scient.*, 1838, vol. IV, cols. 225-228).
Zangids, Ayyubids, Jujids, Sefevids.
Revs: *L'Institut*, 11^e sect., 1840, p. 132; (*Leitzmann's*) *Num. Zeit.*, 1839, Jgg. 6, col. 46 f.
590. — Inedita aus der Orientalischen Münzsammlung des Hn. v. Bose in Leipzig (in *Bull. scient.*, 1838, vol. IV, cols. 246-250).
Umayyads, Abbasids, Umayyads (in Spain), Reyes de Taifas, Idrisids, Almoravids.
Revs: *L'Institut*, 11^e sect., 1840, p. 22; (*Leitzmann's*) *Num. Zeit.*, 1839, Jgg. 6, col. 47 f.
591. — Nachricht von den verschiedenen orientalischen Münzsammlungen der Kaiserlichen Eremitage und kurze Beschreibung der unedirten Stücke der letzten derselben (in *Bull. scient.*, 1838, vol. IV, cols. 305-318 = *Mél. Asiat.*, t. III, 149-166).
Umayyads (?), Abbasids, Idrisids, Ikshidids, Samanids, Buwayhids, Ziyarids, Seljuqs, Fatimids, Ayyubids, Mamluks, Khans of Khoqand, Afsharids, Ispehbeds, Ottomans.
Revs: *L'Institut*, 11^e Sect., 1839, No. 37, pp. 10-13; (*Leitzmann's*) *Num. Zeit.*, 1839, Jgg. 6, cols. 94 f., 103 f.
592. — *Sammlung kleiner Abhandlungen die muhammedanische Numismatik betreffend*. Leipzig, L. Voss, 1839, 198 pp., 2 pls. Incl. Nos. 603-619 with an additional: « Über die tatarischen Münzen der Russen, mit bezug auf Baron Chaudoir's *Aperçu sur les Monnaies Russes* », (pp. 167 ff.).

593. — Acquisitions du Musée Asiatique dues à M. le Ministre des Finances (in *Bull. scient.*, 1839, t. VI, col. 223 f.; *St. Petersburger Zeitung*, 1839, No. 266).
Shirwanshahs.
Rev.: (*Leitzmann's*) *Num. Zeit.*, 1840, Jgg. 7, col. 30 f.
594. — Dons offerts aux Musées Asiatique et Numismatique par le Comte de Simonitch (in *Bull. scient.*, 1839, t. VI, cols. 77-80).
Reprinted in Dorn, *Asiat. Mus.*, p. 578, Beil. No. 127.
Abbasids, Khans of Khiwa, Qajars, Durranis.
595. — Über alte süd-sibirische Gräberfunde mit Inschriften von gewissen Datum (in *Mémoires de l'Académie Imp. des Sciences*, 1840, 6^e sér., t. IV, pp. 229-255, 1 pl.).
Bulgarian imitations of Samanid coins, Jujids, Jaghatays, Ottomans.
Revs: Kosegarten, *Berl. Jahrb. f. wiss. Kritik*, Dec., 1838, p. 841; Schott, *Ermann's Archiv*, 1841, Heft 3, p. 514; (*Leitzmann's*) *Num. Zeit.*, 1837, IV, col. 173 f.
596. — *Quinque centuriae numorum anecdotorum Chalifarum cum Umeijadarum tum Abbasidarum*. Ex variis museis edidit (in *Mémoires de l'Académie Impériale des Sciences de St. Pétersb.*, Sciences politiques, historiques et philologiques, 1840, 6^e sér., vol. IV, pp. 257-314). (read 1837, offprint dated 1838).
General, Umayyads.
Revs: Kosegarten, *Berl. Jahrb. f. wissensch. Kritik*, Dec. 1838, p. 841; Schott, *Ermann's Archiv*, 1841, Heft 3, p. 517; (*Leitzmann's*) *Num. Zeit.*, 1829, Jgg. 6, col. 134.
597. — Bericht über eine, der Akademie aus Aegypten zugekommene Bereicherung der Numismatischen Abtheilung ihres Asiatischen Museums (in *Bull. scient.*, 1840, vol. VII, cols. 134-143).
Reprinted in Dorn, *Asiat. Mus.*, p. 588, Beil. No. 132.
Umayyads, Abbasids, Fatimids, Ayyubids, Mamluks, Mangits, Khans of Khoqand. Glass-weights.
Rev.: (*Leitzmann's*) *Num. Zeit.*, 1840, Jgg. 7, cols. 153-156.
598. — Verzeichnis der zweiten, dem Orientalischen Münzkabinetts der Akademie aus Aegypten gewordenen Sendung (in *Bull. scient.*, 1840, vol. VII, col. 336).

- Reprinted in Dorn, *Asiat. Mus.*, p. 600, Beil. No. 132a.
Umayyads, Fatimids, Mamluks.
599. — Über Münzen des letzten Charesmschah die in Grusien geschlagen (in *Bull. scient.*, 1841, vol. IX, No. 14, cols. 213-217).
Khwarizmshahs.
600. — Einige für das Münzkabinet des Asiatischen Museums erworbene Inedita (in *Bull. scient.*, 1841, vol. IX, cols. 289-294, ill.).
Reprinted in Dorn, *Asiat. Mus.*, p. 663, Beil. No. 139.
Umayyads, Buwayhids, Mamluks, Jujids, Glass-weights.
601. — Über einen im Gouvernement Kasan gemachten kufischen Münzfund, jetzt im Museum des Hn. Grafen S. Strogonow befindlich (in *Bull. scient.*, 1841, vol. IX, cols. 295-297).
Abbasids, Saffarids, Samanids.
602. — Topographische Übersicht der Ausgrabungen von altem arabischen Gelde in Russland, nebst chronologischer und geographischer Bestimmung des Inhalts der verschiedenen Funde (in *Bull. scient.*, 1841, vol. IX, pp. 301-332).
Russian transl. by Savelieff, 1842.
Rev. : *St. Petersb. Ztg.* 1842, Nos. 25-27, 8 p. (of offprint).
603. — Summarische Übersicht des orientalischen Münzkabinettes der Universität Rostock, und Anzeige der in demselben befindlichen unedirten oder vor andern bemerkenswerthen Stücke (in *Bull. scient.*, 1842, vol. X, cols. 81-90; *Bull. hist. phil.*, 1844, I, cols. 1-32).
Umayyads, Abbasids, Saffarids, Samanids.
604. — (New acquisitions of the Asiatic Museum) (in *Bull. hist. phil.*, 1843, vol. I, col. 79 f.).
Reprinted in Dorn, *Asiat. Mus.*, p. 663, Beil. No. 139.
Umayyads.
605. — Über einige neue Erwerbungen des Asiatischen Museums (in *Bull. hist. phil.*, 1843, I, cols. 81-85).
Col. 84 f. : Umayyads, Samanids, Ilkhanids, Timurids.
606. — Acquisitions du Musée Asiatique (in *Bull. hist. phil.*, 1843, I, cols. 139-144).
Governors (Umayyads or Abbasids?), Tahirids, Samanids, Ilk-Khans, Jaghatays, Jujids, Timurids, Mangits, Khans of Khoqand, Khans of Kiliwa, Afsharids, Zandids, Qajars, Ottomans, Durranis, glass-weights.
607. — Erste Erwerbung für das Asiatische Museum der Akademie im Jahre 1844 (in *Bull. hist. phil.*, 1844, I, col. 351 f.).
Abbasids, Ghaznawids, Ilkhanids, Timurids, Sefevids, Afsharids, Zandids, Qajars, Durranis, Penah-Khanids.
608. — *Neue Sammlung kleiner Abhandlungen die muhammedanische Numismatik betreffend.* Leipzig, L. Voss, 1844, 167 pp., 1 pl.
609. — Über eine neue Bereicherung des Asiatischen Museums der Akademie (in *Bull. hist. phil.*, 1844, vol. II, col. 86).
Abbasids, Samanids, Buwayhids, Ottomans, Khans of Shanakhi.
610. — Über elf, unlängst in Kurganen des Kreises von Wyschnij Wolotschok im G. Twer aufgefundene Münzen (in *Bull. hist. phil.*, 1844, vol. II, cols. 113-118).
Samanids, Ziyarids.
611. — Über einige dem Asiatischen Museum von Hn. Dr. Hansen zum Geschenke dargebrachte Münzen (in *Bull. hist. phil.*, 1846, vol. III, cols. 241-246).
Abbasids, Tahirids, Samanids, Hamdanids, Uqailids, Golden Horde.
612. — Über einen kleinen Beitrag zur Numismatischen Abtheilung des Asiatischen Museums (in *Bull. hist. phil.*, 1846, vol. III, cols. 269-272).
Umayyads, Urtuqids, Hulagids, Qajars, Abd ul-Qadir.
613. — Verzeichniss der von Hn. Dr. Köhne der Kais. Akademie der Wissensch. für das Asiat. Museum verehrten Münzen (in *Bull. hist. phil.*, 1846, vol. III, cols. 246-252).
Umayyads, Reyes de Taifas, Samanids, Wolga-Bulghars, Buwayhids, Zangids, Almoravids, Ilkhanids.

614. — Über einige merkwürdige Inedita unter den vom Hn. Obrist-Lieutenant Woskoboïnikow in Persien gesammelten Münzen (in *Bull. hist. phil.*, 1847, vol. IV, cols. 42-48).
Ispehbeds, Ghaznawids, Buwayhids, Seljuqs, Timurids, Hulagids.
615. — Die Inedita einer neuen, der numismatischen Abtheilung des Asiatischen Museums aus Persien gewordenen Accession (in *Bull. hist. phil.*, 1847, vol. IV, cols. 245-256).
Umayyads, Abbasids, Buwayhids, Seljuqs, Atabaks, Fatimids, Hulagids, Jalayrids, Timurids.
616. — Bestimmung von orient. Münzen des Mitauischen Museums (in *Arbeiten der Kurländischen Gesellschaft für Lit. und Kunst*, 1847, Heft II, p. 56 f.).
617. — Der orientalische Münzfund von Essemeggi in Ehstland. Ein Nachtrag zu der topographischen Übersicht der Ausgrabungen von altem arabischen Gelde in Russland (in *Bull. hist. phil.*, 1848, vol. V, No. 8, cols. 113-122).
Umayyads, Abbasids, Tahirids, Samanids, Wolga-Bulghars, Buwayhids.
618. — *Opusculorum Postumorum...* edidit Bernhard Dorn, Petropoli, Eggers et socii, 2 vols.
Vol. I. *Nova supplementa ad Recensionem numorum Muhammedanorum...* additamentis editoris aucta ... 1855, 451 pp., ill.; vol. II, *Adnotationes in varia opera numismatica continens*, 1877, XLII + 468 pp.
General.
- * — see also ADERNSON (Frachn's pseudonym), HALLENBERG, MOOYER, DE SACY, WITSEN.
619. FRANCISCUS, ERASMUS: *Neu-polirter Geschicht-, Kunst- und Sitten-Spiegel ausländischer Völker etc.* Nürnberg 1670.
P. 713: Sefevids.
620. FRANK, HERMAN: Die baltisch-arabischen Fundmünzen (in *Mitteil. aus d. Livländischen Geschichte*, Riga, 1908, Bd. XVIII, pp. 311-486, 4 pls.).
Umayyads, Abbasids, Tahirids, Saffarids, Samanids, Hek-

Khans, Wolga-Bulghars, Buwayhids, Hamdanids, Uqailids, Marwanids, Ziyarids.

621. FRANK, LOUIS: *Tunis, Description de cette regence revue, accompagnée d'un précis historique et d'éclaircissements tirés des écrivains orientaux* par J. J. Marcel. Paris 1862.
Pp. 215-222, ill.: Notice sur les monnaies de Tunis. Ottomans, Husainids, Qaramanlis, Sharifs of Morocco.
622. FRÄNKEL, SIEGMUND: Notizen, III. (in *Monatschrift für Geschichte und Wissenschaft des Judenthums*, 1881, Jgg. 30, p. 83).
About dirhams *nugra*.
623. FRANKS, AUGUSTUS W.: (in *Proceedings of the Society of Antiquaries of London*, 1867, 2nd ser., vol. III, p. 457).
Glass-weights.
624. FRASER, JAMES: *The History of Nadir Shah, Formerly called Thomas Kutli Khan*. Second ed. London, A. Miller, 1742.
P. 119 f.: Afsharids.
625. FRATI, LUIGI: *Delle antiche monete d'oro ritrovate in Reno nell' Agosto dell' anno 1857*. Bologna, 1857, 20 p., 1 pl.
Abbasids.
626. FREUDENBERG, J.: (Turkish gold coin of Murad III, found in Schlierschied) (in *Jahrbücher des Vereins von Alterthumsfreunden im Rheinlande*, Bonn, 1865, vol. XXXVIII, p. 165).
Ottomans.
627. FREY, ALBERT R.: *Dictionary of Numismatic Names... with Glossary of Numismatic Terms in English, French, German, Italian, Swedish* by Mark M. Salmon. New York, Barnes and Noble, Inc., 1917.
Moslem coins s. vv.: Abbasi, altmishlik, altun, aqdschek, ashrafi, etc.
628. FREY, ERNST: Zwei Funde kufischer Münzen in Estland (in *Sitzungsberichte der Gel. Estn. Gesellschaft*, 1912-1920, pp. 81-84).
Umayyads, Abbasids, Saffarids, Samanids, Buwayhids. Cf. Vasmer, 1927, Nr. 1463.

629. FRIEDEL, E.: Silberfund von Tempelhof bei Soldin (in *Verhandlungen der Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte*, Jgg. 1878, pp. 13-15).
Abbasids, Abu - Daudids, Samanids, deciphered by Erman.
630. FRIEDENSBURG, Ferdinand: *Münzkunde und Geldgeschichte der Einzelstaaten* (= *Handbuch der mittelalterlichen u. neueren Geschichte*, hrsg. von G. v. Below und F. Meinecke, Abl. IV). München und Berlin, R. Oldenburg, 1926.
Pp. 168-170, pl. 18: Islam.
General.
- * — see also HEINEMANN.
631. FRIEDENTHAL, Adolf: Baltische Münzfunde des 9.-12. Jahrhunderts an der Hand einer Münzfundkarte (in *Sitzungsberichte der Gesellschaft für Geschichte und Altertumskunde zu Riga*, 1936, pp. 142-154, with map).
Finds of Arabic coins in Northern Europe.
632. FRIEDLAENDER, Julius: *Der Fund von Obrzycko, Silbermünzen aus dem zehnten christlichen Jahrhundert*. Berlin, 1844, 30 p., 3 pls.
Umayyads, Abbasids, Samanids, Buwayhids, Ispehbeds, deciphered by Petermann.
Cf. Longpérier, *etc.*, 1845, I, p. 197, n.
633. — Lateinische Münzen des Sarcen oder Ssaru-Khan, Seldschuken-Emirs in Lydien (in *Beiträge zur älteren Münzkunde*, Berlin, 1851, Bd. I, pp. 52-60, 1 fig.).
634. — Der Fund von Althöfchen (in *Münzstudien* hgg. von H. Grote, 1877, Bd. BVIII, pp. 267-300, pl. 1).
Pp. 294-297: Umayyads, Abbasids, Umayyads in Spain, Samanids, Wolga-Bulghars, Hamdanids, Uqailids, Marwanids, deciphered by Pertsch.
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Glass-weights.

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Orthodox Caliphs.
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Umayyads.
Rev. : Stickel, *ZDMG*, 1862, vol. XVI, p. 775.
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Rakwayhids, Seljuqs.
Rev. : Stickel, *ZDMG*, 1864, p. 298 f.
1509. — Lettre à M. F. Soret sur quelques dinars Thoulounides de la collection de M. Mariette Bey (in *RN*, 1865, N. S., t. X, pp. 115-124), with notes signed by Soret.
Tuluids.
1510. — A Dinar of Salih Ebn Merdas of Aleppo (in *NC*, 1873, N. S., vol. XIII, pp. 335-341).
Mirdasids.
1511. — Matériaux pour servir à l'histoire de la numismatique et de la métrologie musulmanes, traduits ou recueillis et mis en ordre. Première partie. Monnaies (in *JA*, 1879, 7^e sér., t. XIV, pp. 455-533 ; 1880, t. XV, pp. 228-277, 421-478 ; 1881, t. XVIII, pp. 499-516 ; 1882, t. XIX, pp. 23-77, 97-163, 281-327).
General.
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Seljuqs.
1515. — Lettre à M. Stanley Lane-Poole sur quelques monnaies musulmanes (in *NC*, 1882, 3rd ser., vol. II, pp. 327-333).
Umayyads, Abbasids.
1516. — Deuxième lettre à M. le Président de la Société française de numismatique sur quelques derhams inédits des Seldjoukides du Roûm (in *Annuaire de la Société française de numismatique et d'archéologie*, 1883, t. VII, pp. 72-81).
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Hamdanids.
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(in *Annuaire de la Société française de numismatique et d'archéologie*, 1887, t. XI, pp. 389-411, 1 fig.).

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Continuation of his article in *Bull. hist. phil.*, 1844, cols. 337-342.

Abbasids, Samanids, Buwayhids, Hamdanids, Uqaylids, Marwanids, Ispehbeds.

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Qajars, Ottomans.

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1530. — Post-scriptum à la lettre à M. de Koehne sur quelques médailles et monnaies modernes de l'Asie (*ib.*, 1849, t. III, p. 248 f.). Reprinted together with the preceding item, *St. Pétersbourg*, 1849, 10 p., ill.

Qajars, Ottomans.

1531. — Zamyechaniya o genuezsko-krimskoy monetye (in *Zapiski Sankt-peterburgskaya Arkheologicheskoye-Numizmaticheskoye Obshchestva*, 1849, vol. I, pp. 231-233, pl. XIV, 1).

Giray-Khans.

1532. — Novyeyshiya moneti musulmanskoj Azii (*ib.*, 1849, vol. I, pp. 413-422, ill.).
Ottomans, Qajars.
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No details.
Rev.: Blau, *ZDMG*, 1852, Bd. VI, p. 423.
1534. [—] (Coin of Pulad-Timur) (in *Zap. Imp. Arkh. Obshch.*, 1851, t. III, perechen zasvedaniy, p. 122 f.).
Jujids.
1535. — O kladye s zolotoordinskimi monetami naydenno v 1850 godu v Simbirskoy gubernii (*ibid.*, 1852, t. IV, p. 56 f.).
1536. — Monnaies coufiques d'argent, trouvées à Kiew en 1851 (in *Mém. de la Soc. Imp. d'Archéol. de St. Pétersbourg*, 1851, t. V, p. 396 f.).
Abbasids, Tahitids, Samanids.
1537. — Kuficheskaya moneta iz kiyevskavo klada 1851 goda postupivshiya v muzey Obshchestva (in *ZIAO*, 1852, t. IV, p. 121 f.).
1538. — Arkheologicheskie poiski v okrestnostyakh Ustsisolska (in *Zap. Arkh. Num. Obshch.*, 1852, vol. IV, pp. 122-125).
1539. — O trekh gulagidskikh monetakh, naydennikh v Permskoy gub. (in *Zap. Imp. Arkh. Num. Obshch.*, 1853, vol. V, p. 65 f.).
1540. — (in *Zap. Arkh. Num. Obshch.*, vol. V, p. 33).
1541. — Izvestiye o nakhodkakh vostochnikh monet v Kiyevye i Moskvye (*ibid.*, 1853, t. V, p. 57 f.).
1542. — Obyasneniye semí vostochnikh monet, prinesennikh v dar Obshchestva kuptsom Serebryanikovim (*ibid.*, 1853, t. V, p. 63).
1543. — O kladye s dzuchidskimi i dzhelairidskimi monetami naydenno v 1851 godu v Yekaterinoslavskoy gubernii (*ibid.*, 1853, t. V, pp. 66-68).

1544. — O chetirekh kumanskikh monetakh (*ibid.*, 1853, t. V, pp. 68-70).
1545. — Vierzehn unedirte Samanidenmünzen (in *Bull. hist. phil.*, 1854, t. XII, No. 6, cols. 89-91, 1 fig. = *Mél. As.*, 1852-1856, t. II, pp. 398-401).
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In Russian.
1547. — Dopolneniye k opisaniyu samanidskikh monet (in *Trudi Vostochnavo Oldyeleniya Imp. Arkheol. Obshchestva*, 1855, Part I, pp. 238-253, ill.).
With ref. to Tiesenhausen, 'O samanidskikh monetakh' (*ib.*).
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1549. — Ob oshibochnom opredyelenii g. Gamazovim khalifskikh dirgemov naydennikh v 1852 godu, v razvalinakh Suzi (in *ZIAO*, 1856, t. VIII, p. 30 f.).
1550. — Obyasneniye kleim s arabskimi pismenami na monetakh Vizantiyskikh imperatorov (in *ZIAO*, 1856, t. VIII, p. 150 f.).
1551. — Spisok izvyestnikh doselye monet Kokanskavo Khanstva (in *Trudi Vost. Old. Imp. Arkheologicheskavo Obshchestva*, 1856, Part II, pp. 119-127).
Khans of Khoqand.
1552. — Neizdanniya vostochniya moneti F. Soret (*ibid.*, 1856, Part II, pp. 304-328).
1553. — (*ibid.*, 1858, part III, p. 146 f.).
About five coins in the collection of the Estonian Society, Dorpat.
Abbasids, Samanids.
1554. — (*ibid.*, 1858, part III, p. 147 f.).
About 31 coins found near Bilyarsk.
Umayyads, Abbasids, Samanids.

1555. — Moneti dzhuchidskiya, dzhagatayskiya, dzhelairidskiya i drugiya, obrashchavshiyasya v Zolotoy Ordye v epokhu Tokhtamisha (*ibid.*, 1858, part III, pp. 203-528, 10 pls., ill.).
Ilkhanids, Jalayrids, Jujids, Jaghatays, Shaybanids.
1556. — O zhizni i trudakh O. I. Senkovskavo (in *Sobranie Sochninений Senkovskavo*, 1858, t. I, pp. xi-cxxxviii).
Pp. cxiii-cxxxviii: bibliography.
1557. — (in *Trudi Vost. Old. Imp. Arkheol. Obshch.*, 1858, part III, p. 160 f.).
Samanids, Buwayhids.
1558. — (*ibid.*, 1858, part III, pp. 166-168).
Three hoards found in the gov. Ryazan, gov. Tula, and near Sunzhenskaya Stanitsa: Umayyads, Abbasids.
1559. — (*ibid.*, p. 172 f.).
Giray Khans.
1560. — (in *Izv. Vost. Oldyel. Imp. Arkheol. Obshch.*, 1858, I, pp. 19-21).
The hoard of Stavropol: Tahirids, Saffarids, Samanids.
1561. — (*ibid.*, p. 22).
Timur.
1562. — (*ibid.*, p. 26).
Coins found near Bilyarsko (gov. Kazan): Abbasids, Saffarids, Samanids.
1563. — Neizdanniya vostochniya moneti F. Sorel (in *Trudi Vost. Old. Imp. Arkheol. Obshch.*, 1859, part IV, pp. 285-314).
1564. — (in *Izv. Imp. Arkheol. Obshch.*, 1859, t. I, cols. 192-194).
Ninety coins found in Stavropol: Tahirids, Saffarids, Samanids.
1565. — (*ibid.*, 1859, t. I, col. 195 f.).
Collection Voloshinskiy, Kiev: Abbasids, Samanids, Fatimids, Ilkhanids, Jalayrids, Jujids, Ottomans, «New Persian».
1566. — (*ibid.*, 1859, t. I, col. 197).
Five coins found near Bilyarsko: Abbasids, Saffarids, Samanids.
1567. — O numizmaticheskikh zamyetkakh g. De - Sen - Toma (*ibid.*, 1859, t. I, col. 108).
Review of an article by de St. Thomas in the periodical *Kavkaz*, 1857, Nos. 33, 40, 41: Umayyads, Samanids, Ghaznawids, Ayyubids, Ilkhanids, Timurids.
1568. — (*ibid.*, 1859, t. I, col. 246 f.).
Coins found near Eski-Kazan: Jujids.
1569. — (*ibid.*, 1859, t. I, col. 251).
228 coins found at Kharkov: Jujids.
1570. — (*ibid.*, 1859, t. I, col. 254).
About 500 Jujid coins found in the province of Saratov.
1571. — Numizmaticheskaya zamyetki (*ibid.*, 1861, vol. III, cols. 387-421, ill.). With introduction by W. Tiesenhansen.
Umayyads, Abbasids, Ispahbeds, Umayyads in Spain, Reyes de Taifas, Tahirids, Saffarids, Samanids, Ghaznawids, Buwayhids, Hamdanids, Uqaylids, Seljuqs, Urtuqids, Atabaks, Fatimids, Almohads, Ayyubids, Ilkhanids, Jaghatays, Khans of Khoqand, Khans of Bukhara, Qaraqayumlu, Aqqayumlu, Sefevids, Afghans, Ottomans.
- * —: see also FRAEHN, No. 602, SORET, s. a. 1856.
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Jujids.
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1574. SAWASZKIEWICZ, Léopold Léon: *Le génie de l'Orient, commenté par ses monuments monétaires. Études historiques, numismatiques, politiques et critiques, sur le cabinet musulman de M. Ignace Pietraszewski (contenant 2683 médailles) accompagnées de plusieurs*

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- * SAWELJEFF: see Savelieff.
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1576. — *Curiosités orientales de mon Cabinet numismatique* (in *RNB*, 1891, pp. 297-356; 1893, pp. 263-278). Reprint: Bruxelles, J. Goemaere, 1891-1893, 67 p., 5 figs.
- Umayyads.
1577. — Deux monnaies des pirates Bédouins du Chatt el-'Arab de la tribu des Banou Ka'b (in *RNB*, 1898, pp. 121-129, 2 figs.).
- Kilwa.
1578. — Deux monnaies inconnues du rebelle Rum Muhammed (1626/7) (in *RNB*, 1904, pp. 155-162, 2 figs.).
- Ottoman rebels.
1579. [—] *Monnaies orientales et coloniales, monnaies d'ormusulmanes*. Collections de ... Prince Philippe de Saxe-Coburg-Gotha. Vente à Amsterdam ... 22 mai 1928, passim. J. Schulman.
1580. SCHALK, K.: *Der Meidlinger Friedhof-Münzfund* (in *Mitteilungen des Clubs der Münz- und Medaillen-Freunde in Wien*, 1893, IV. Jgg., pp. 394-397).
- Ottomans.
1581. — Ein Zeitgenosse über die türkischen Münzen zu Ende des XVI. Jahrhunderts (*ibid.*, August 1895, VI. Jgg., p. 91 f.).

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- Ottomans.
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- Hoard of Cufic coins found at Örebro.
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1586. SCHIEPATI, Giuseppe: *Descrizione di alcune monete cufiche del Museo di Stefano de Mainoni* ... Milano, P. E. Giusti, 1820, 136 p., 3 pls.
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1587. — *Postille alle Osservazioni sull' opera intitolata Descrizione di alcune monete cufiche del Museo Mainoni*, cc. Milano, P. E. Giusti, 1821, 20 p.
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- * —: see also SCHOLTZ.
- * SCHLECHTA: see SUBHL.
1589. SCHLETTWEIN, Johann August: *Archiv für den Menschen und Bürger in allen Verhältnissen*. Leipzig, Weygand, 1781.
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1590. SCHLIGKEYSEN, F. W. A.: Die neuesten türkischen Münzen (in *Mitteil. d. numism. Gesell. in Berlin*, 1850, II. Heft, pp. 124-129, Taf. VIII).
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P. 358, pl. XXV, 12: Danishmandids.
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1595. — Une nouvelle monnaie à légende grecque des émirs Danichmendides de Cappadoce. Monnaie de cuivre bilingue de D'soul-Karnein, émir de Mélitène vers le milieu du XII^e siècle (in *RN*, 1887, 3^e sér., t. V, pp. 68-75, ill.). Reprinted in *Mélanges d'archéologie byzantine*, pp. 47-53, ill.
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1597. — *Un empereur byzantin au dixième siècle: Nicéphore Phocas*. Paris, Firmin-Didot, 1890, iv+779 p., 240 figs., 4 pls., 3 maps.
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1598. — Les monnaies médiévales des rois de Petite Arménie (in *Revue des études arméniennes*, 1920, pp. 3-8). Reprinted in his *Récits de Byzance et des Croisades*, Paris, 1922, t. II, pp. 161-171.
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- * SCHMIDT, E. F.: see OSTEN.
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Passim. Cf. index s. vv.: Ägypten, Arabien, Barbarei, Marocco, Persien, Türkei.
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Qarakhanids.

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Danishmandids.
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The fifth to eighth letters were written by Bartholomaei to Soret.

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Jujids.
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Ilkhanids.
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Ilkhanids.
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Ilkhanids.
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1687. — Lettre à M. Rénier Chalon sur les éléments de la numismatique musulmane (in *RNB*, 1864, 4^e sér., t. II, pp. 65-101, pls. 1-3; Deuxième lettre à M. R. Chalon ..., *ibid.*, 1865, t. III, pp. 17-120, pls. 5-6; Troisième lettre à M. R. Chalon ..., *ibid.*, 1866, t. IV, pp. 1-88, pls. 1-3).
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- * — see also A. LIKHACHEV, P. Savelieff, StICKEL.
- * TIZENGAUZEN: see TIESSENHAUSEN.
- * TOCCHI, E.: cf. MERV.
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Umayyads, Abbasids, Umayyads in Spain, Idrisids, Aghlabids, Ikshidids, Tahirids, Saffarids, Samanids, Wolga-Bulghars, Buwayhids, Hamdanids, Ziyarids, Uqaylids, Marwanids, Alids, Governors Abu-Dawudids, Isphahids, Amir al-Umara, Wajihids.

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General.

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Timurids.
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Varia.
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Ottomans.
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Umayyads, Buwayhids.

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1867. — *Numismatique du Tabaristan et quelques monnaies sassanides provenant de Suse*. Paris, Maisonneuve, 1938, 43 p., 46 pls. Publ. de la Soc. des Études Iraniques, 14.
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Revs. : J. Allan, *JRAS*, 1911, pp. 856-858, repr. *Spink's Circular*, 1911, XIX, col. 13038 f. ; Blanchet, *RN*, 1911, p. 382 f. ; J. A., *NC*, 1911, p. 202 f. ; A. de W., *RNB*, 1911, p. 311 ; Ramsden, *Spink's Circular*, 1911, col. 12, 905 f. ; Zambaur, *Mbl. d. num. Ges. Wien*, 1911, vol. VIII, p. 306 f. ; *Tijdschrift v. h. Kon. Nederl. Gen. voor Munt- en Penningkunde*, 1911, vol. XIX, p. 205 f. ; A. R. F., *The Numismatist*, 1911, p. 178 f. ; Cimino, *Rivista Italiana di Numismatica*, 1916, vol. 29, pp. 251-60.
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