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$0 [Mod08]. **$105.00** [Lau14]. **$116.00** [Mor09]. **$130.95** [Zak13]. **$14.95** [Oni15]. **$15** [Kli13]. **$15.46** [Mat15]. **$17.00** [Ris10]. **$189.00** [Gor14a]. **$19.99** [Nov15, Oni15]. **$20.75** [Mat15]. **$21.00** [Phi10]. **$21.95** [Har09, Wol13a, Zak13]. **$22** [Joh08]. **$22.69** [Nov15]. **$22.95** [Bro14, Kli13, Lin09, Oni15]. **$23** [Mat15]. **$23.99** [Zak13]. **$24** [Dea08]. **$24.95** [Bra15, Gar09, Jac09, Kli13, Lau14, Rai10]. **$25.00** [Coe10, Har09, Jac09, Lin09, Phi10]. **$25.44** [Coe10]. **$25.95** [Por13, Zak13]. **$26** [Ved20]. **$26.00** [Rog12]. **$26.95** [Zak13]. **$26.96** [Nov15]. **$27** [Lon08, Phi10, Ved20]. **$27.00** [Lau14]. **$27.95** [Kev09, Mod08, Rai10]. **$28** [Ham10]. **$29** [Rai10]. **$29.00** [Fin13]. **$29.95** [Bra15, Ham10, Har09, Kev09, Rog12, San10, Sta08, Wol13a]. **$29.99** [Oni15]. **$30** [Bal15, Kli13, Sta08, Ved20]. **$32** [Sta08]. **$32.50** [Gar09]. **$33.00** [Bro14]. **$34.00**

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E. [Smo09]. **e.org/rentetzi/** [San10]. **Early** [Ass92b, Ber88, Bou12, Bro14, Bro69, Cam10, CK90, Dar88, Dar91, Dav48, Dei04, Dol76, Far61, Fre81, Gav90, Hom06, Kai87, Kin13, Lev60a, Lev62, Lev64a, Lev64c, Lev66, Lon08, Mil50, Mil90, Nes13, NTT10, Nof21, Per18, Pye76, Rob76, Rob20, Roc78, San10, Sch12a, Sla12a, Sut81, Tur82, Urd48, Von01, Ahe03, Ano05c, Ash10, BO06, Bow09, Coo07b, De 05, Gru95, Lew11, MD03, Ren09, Sei01, Ran22]. **Early-Victorian** [Rob76]. **Earth** [FF17, Goo84, Kre11, Rai10, Sch12a, Bru87, Con06,

Con11, O'C07, RO20, Rus11a, Sch67, Zak13]. **earthmoving** [Kir05, Mod08]. **East** [Cro07, Ham10, Har09, Pye11, Wit21, Aug07, Han12]. **Eating** [Spa12, Kim14]. **Eclipse** [EG80]. **Eclipses** [EG80, Huf94]. **Eco** [Bra15]. **Eco-House** [Bra15]. **ecohouse** [Ank10]. **Ecological** [ABO10, Bra15, Cam20, Ank10]. **Ecologies** [Hag14, Lek23]. **Ecologist** [Cit15]. **Ecology** [Eri23, Hag14, Koh08, Koh11, Ayr12, Bar09, Col10, Ric12]. **economic** [Cas01]. **Economics** [Lee16]. **Economy** [Gau10, Ric12, Ris98, Wan95a]. **Ecosystem** [Hag14, Wes10, Col10]. **Ed** [Lau14, SD08, Bro14, Lin09, Sta08]. **Edgar** [Kle19, Kli59]. **Edge** [Whe81]. **Edición** [Por13, MOBG09]. **Edition** [Bue53, San10]. **Editor** [CPWW99, Pye07]. **Editore** [SD08]. **Editorial** [Mat15, SD08]. **Editors** [Phi66, Ano09i]. **Edmond** [Har09]. **Edmund** [Zak13]. **edn** [Zak13]. **eds** [Kev09, Lin09, Mat15]. **Educated** [Rob80]. **Education** [AM64, Bou12, Cas83, Les87, Set12, Jan11]. **Edward** [Por13, Ved20, Lek23, Pan90b, Ros22]. **Edwin** [Bra15, Het82]. **Effect** [DR89, SF13, SF15, Whe78, Im95, For70]. **Effects** [Lin20, Mun12]. **efforts** [Wal00]. **eGalley** [McC3]. **Eggs** [Kli13, Alm11]. **Egor** [Sem66]. **Egorovich** [Sem66]. **Egyptian** [Kin11, BJ10]. **Ehrenhaft** [Hol78]. **Eight** [Kau67b]. **Eighteenth** [Han15, Ter14, Bad18, Gis11, HG71, Huf71, Pal89, Pan20, Rap60]. **Eighteenth-Century** [Bad18, HG71, Pal89, Rap60]. **Einstein** [Leg15, Abi00, Abi03, Cre83, Gal82, Gol70, HS89, Hu04, Hun10, Kle70, McC70, Nor84, Pye76, Pye13, Sch02, Sta08, Van07a, Van07b]. **Einsteins** [Pye82]. **elaborado** [BGC08, Por13]. **Elaboration** [Gol76]. **Elastic** [Ian93]. **Elborg** [Joh08]. **Elective** [Hol62]. **Electric** [Bro69, Eis16]. **Electricity** [Fre81, Kat09, Pan90a, Ris98]. **électroaimant** [Shi93]. **Electrochemistry** [Cro88]. **electrodynamic** [Dar96]. **Electrodynamics** [Can78, Rue92]. **Electromagnetic** [D'A75, Dor75, Hir69, Hun15, Ker13, Sie78, Abi03, Kat05, Set04, Set05]. **electrometers** [Lel05]. **Electron** [Byk65, Eck87, Fef89, Jen84, Kai87, McC70, Pot23, Rus81, Dar94, Par01]. **Electronics** [For87, JI08]. **Electrons** [Dar84, Hir69]. **Electrophysiology** [Len86]. **Electrostatics** [Buc77]. **Electrotechnology** [Pye82]. **Element** [Par48]. **Elemental** [Lau12, Wal15a]. **Elements** [Dru20, Far64a, Par60, PVP50, PVP50]. **elephant** [Joh05]. **Elite** [Dim14, McC3 , Cah04]. **elitism** [Sch02]. **Elixir** [Str08, Wat07]. **Elizabeth** [Lin09, Str08]. **Elizabethan** [Gar09, Har07a, Kas05]. **Ellen** [San10, LKB05]. **Ellyard** [Sei86a]. **Else** [Cro20]. **embryos** [Kel96]. **Emergence** [Cro88, Eck88, GP17, GH17, Hag14, Iri23, Kel09, Koi75, Mel93, Ris10, Sil74, Cas01, Col10, Gau08, Kat04, Lan10]. **Emergency** [Kli13, Pre11]. **Emerging** [FM16, Hag14]. **Emigration** [Rid84]. **Émigré** [Wal15a]. **Emil** [Van07a]. **Emitting** [LU13]. **Emma** [Kim14]. **Emotion** [Wan12]. **Emotional** [Bel18, Lar17]. **Empathetic** [Set20]. **Empire** [Fin13, Han15, Har09, Lon08, Por13, BO06, Ble12, Edm06, Til11, Wil13, Gar09, Num07]. **Empirical** [Les81, Rob83]. **Empiricist** [Sch86]. **Employment** [Kat19]. **Encyclopedist** [Lev66]. **End** [Don67, Ham10, Han15, Iri23, Pri14, Cat98, Gor09, Hol04, Wil13]. **Endangered** [Ben12]. **Endersby** [Kev09]. **Endorses** [Cit15]. **Energetic** [Kat19]. **Energía** [Poh11, Mat15]. **energies** [Cof06]. **Energy** [Cas81, Hod87, Huf81, Leg15, Sei86b, Sei01, Sei08, Wis79, Dar01, Gol10, Neb94].

engagement [Orl04]. **Engineering** [Bro14, Cho12, Cro20, Ham10, Mod20, Pan90b, Aug07, Joh09, Muk09]. **Engineers** [Mod08, Wis12b, Ake07, Hec14]. **England** [Leg15, Kin13, Qui82, Sim11]. **English** [Dol76, Tay48]. **English-Speaking** [Dol76]. **Enigma** [Kra09b]. **Enlightened** [Pye11]. **Enlightenment** [Kim14, Mel93, Gol07, Bel11, Ble12, Coe10, Cur11, Nov15, Por13, Spa12, Tak11]. **Enlightenments** [Kim14]. **Enterprise** [Pye82]. **entomology** [Cas01]. **entrance** [Mal00]. **entropic** [Kra07]. **Entropy** [Dau70, KW96]. **entry** [KW96]. **Environment** [For71, Tab22, Cam16]. **Environmental** [Rot13, VD10]. **Environmentalism** [Bra15, Ham13, Lan10, Bra15, Hag14]. **Envisioning** [Rey21]. **Epic** [Oni15, DPPdD11]. **Episode** [GSLV+22a, Gue61, Lem18, Nye80, Vos20]. **Epistemic** [McG18, Par22]. **Epistemology** [Dör12, SSD15, Rhe10a, Rhe10b]. **Epoch** [Don67]. **Epsilon** [Hop96]. **Equally** [Mil10a]. **Equations** [Nor84]. **Equilibria** [Hol62]. **Equilibrium** [Lek23]. **Equipment** [Dau50]. **Equivalents** [Roc78]. **Era** [Les90, San10, SSD15, Hop96]. **Erasure** [Lev61b]. **Eric** [Bro14, Har09, Mod08]. **Erik** [How12]. **Erika** [Ric12]. **Ernst** [Phi10, Gli08, Mil10a, Ric08, Ten22]. **Errington** [Koh11]. **Error** [Hon89]. **errors** [Coe02]. **Erwin** [Han79, Rüg88]. **escrito** [BGC08, Por13]. **España** [HR12, Mat15, Poh11]. **Essay** [Dör12, Hop96, Lau14, Rhe10b]. **Essays** [CR21, Gil07, Lin09, Ris07, Dea08]. **Essence** [Sta08]. **Essential** [Gas21]. **Establishing** [Ber19, JJ15]. **Establishment** [Hac86, Rob76]. **Establishments** [FHW75]. **Estrogen** [Str08, Wat07]. **Estudio** [Por13, BGC08, MOBG09]. **Ether** [Gol70, Hir76, Hun86, Nav16]. **Ethnic** [Hyu19, Rog12, Mul12]. **Ethnicity** [FR20]. **Ethnologists** [Set16]. **Étudier** [Coe10, Loc08]. **Eugene** [Oni15, Sla12a]. **Eugenics** [DL09]. **Euratom** [Kri08]. **Eurocentric** [Wit21]. **Europe** [Lon08, Bro14, Coo07b, DIR91, FG98, FG99, Lon08, Mil66, Ogi06, Ols08, Phi10, Ran22, Rus11b]. **European** [Lau14, Ris10, Gep11, Kri99, Rus11b, Sal07]. **Eva** [Dei64]. **Evans** [Bim21]. **Every** [Ha15, Ham10]. **Everyday** [Bau21]. **Evidence** [Cha12, Gor14a]. **Evolution** [DL09, Fin21, Gro17, Rob83, Smo09, Ung19, Wea97, Cro20]. **Evolutionary** [Bor10, Den17, Phi10, Rad12, Ric12, Rus11a, Mil10b, Ric08, Ric12, Zak13]. **Example** [Dei21, Fel85]. **Excavation** [Cit15]. **Exchange** [Lon08, Coo07a, Wan99b]. **Exchanges** [Kin13]. **exciting** [BG13]. **Exclusion** [Hei83]. **Exemplary** [Lin09, Rad12, CLW07]. **exile** [Fre05]. **Existing** [Bia22]. **Exner** [Han79]. **Expanding** [Hog19, Tam18]. **Expedition** [Sow17]. **Expeditions** [Por13, Ble12, EG80]. **Experience** [Rey22]. **Experiencing** [BO06, Lon08]. **Experiment** [BH08, Han15, Oli09, Hun13, Bim21]. **Experimental** [Bec23, Byc13, Coe21, Dau50, Fel85, Fra77, Gal82, Hon89, Hoo49, Neb94, Rhe50, San10, Tho12, Ren09]. **Experimentalchemie** [Rhe50]. **Experimentalists** [Wil82]. **Experimenting** [Hun86, Sch03]. **Experiments** [Gal82, Jac14, Mon08, Rig83, CG96, Van07a, Van07b]. **Expert** [Hec11, Kim14, Mas22, Ran22, Tak11]. **Expertise** [Ash10, Bro14, Tat16, Bro14]. **Experts** [Aub20, Shi19]. **Explain** [Lem49]. **Explanation** [MK20, Sta08, Kat03]. **Explanatory** [Chu67]. **Expliquent** [Lem49]. **Exploiting** [Gif20]. **Exploration** [Sow17]. **Explore** [Ser83]. **Exploring** [Ved20]. **Express** [Rus11b]. **Extinction** [Ric12, Bar09]. **Extraneous** [Sch20]. **Extraterrestrial** [Het89, Von01]. **Extreme**

[Kar13]. **Eye** [And09, Dör06, Ott08, Sch07, And09, Mor09].

F [Lek23]. **F.** [Cas09a, Rap60]. **Fabian** [Nov15]. **Fabien** [Coe10]. **fable** [Kri05]. **fabrique** [Str06, SD08]. **Face** [Lau14, Oli13]. **facs** [Por13]. **facsimilar** [MOBG09, Por13]. **Fact** [Ten19, Kri05]. **Factors** [Lei48]. **Factory** [Sei08]. **Facts** [Bou12, Byc13, Rog12, Ten19, Gas96, Lam11, Lew11]. **Faculty** [Shi79]. **Fahs** [Kli59]. **Failed** [CK90]. **Failure** [Eck90, Shi86, Shi87]. **Fairchild** [Cho12, LB10]. **Faith** [Ved20]. **Fall** [Fox74, Hol18, Lav14, Mir21, Ris10, Slo14, Har07b]. **Fallout** [Oni15, Red10]. **Families** [Nye09]. **famine** [Tur05]. **Fancy** [Pic14, Sar10b]. **Fang** [Wil99]. **Faraday** [Buc77, Goo81]. **Farkas** [Cha94]. **Farm** [Hop96, Sei08]. **Farrar** [Ham10, Sta08]. **Fascism** [SW10, Sar10a]. **Fascist** [Sar10a]. **Fat** [Low23]. **Fate** [Har10]. **Father** [Sco50]. **Fauna** [CA14]. **Fé** [Por13]. **Fear** [Arb19, Tho22, Fel13]. **February** [DD59]. **Fechner** [Bau21]. **FECYT** [SD08]. **Federation** [Set12]. **Fee** [Sch09]. **Felix** [Kri01]. **Fellow** [Bar16]. **Fellows** [Bar16]. **Female** [Ric12, Mil10b]. **Fer** [Nev62]. **Fermi** [BR94]. **Fermi-Field** [BR94]. **Fermilab** [BH08, Ham10, Hod87, HKW08, Wes02]. **Fetter** [Oni15]. **Fetter-Vorm** [Oni15]. **Feud** [Ros22]. **Few** [Ric12, Mil10b]. **Feynman** [Oni15, OM13]. **Fiction** [Bal15, Buc13]. **Fictions** [Pic14]. **Field** [Ber19, BC91, BR94, Cas81, Dor75, Goo81, Hir69, Kuz66, Mil10a, Nor84, Ric12, Ree09, BR94]. **Fieldwork** [Kar13]. **Fifteenth** [Wu20]. **Fifth** [Koi07]. **Fifty** [GM12]. **fight** [Par01]. **Fighting** [Mar22, vSvS66]. **Figuring** [Ric12]. **Filosofía** [MOBG09, Por13]. **Final** [Goo81]. **financial** [HV06]. **Finding** [Ahn22, Cre20, Lew12, Lin20, Rad13]. **Fine** [Kra85]. **Finite** [Wri14]. **Fire** [Rob59]. **First** [Cas79, Dru20, Duv67, Hod87, Kle70, Koi75, KP86, Les81, Lin20, Luk64, Neu14, Oni15, Rai10, Str08, Bru03, Cas07, FV13, Les07, May05, Par01, Cro88]. **física** [Mat15, HR12]. **Físicos** [Mat15, HR12]. **Fission** [Hod93]. **Fitness** [Gro17]. **Flame** [Dav48]. **Flashing** [Hen19]. **Flats** [Fel13]. **Fleck** [Sta12]. **Flight** [Lau14, Tie13]. **Florence** [SD08]. **Flory** [Cha93]. **Flow** [Sei87]. **fluctuations** [Coe02]. **Fluid** [SS18, Ten19, Dar98a]. **Fluids** [Lev61b]. **Flux** [Cre01, Elk70, Mod08]. **fly** [Cre95]. **Food** [Kim14, SW10, Spa12]. **Football** [Cam22]. **Force** [Hei76, Qui82, Can97]. **Forces** [Den17, HG71, Wal15a, BR94, Cas94, Sch12b]. **Ford** [Wol13a, Kri99, Mun21, Par12]. **Foreign** [Kri08, Nes13, Wal92]. **Forest** [GP17]. **Foreword** [Ano07c, Arm48, Edi02, Fle00b, Lau14, Wes01b, CPWW99, Pye07]. **Forged** [Lau14, Mun13]. **Forging** [Rad13, Ros12b]. **Forgotten** [Mir21]. **Formalization** [Ker13]. **Forman** [Gar09, Kas05, MK20]. **Formation** [Cas79, Dei21, Wis79, Im95]. **Former** [Hil49]. **Formulary** [LAKAK66]. **Formulation** [Kat19]. **Forschens** [Win49]. **Forster** [Joh08]. **Fortun** [Jac09]. **Fossil** [May05, Rai10]. **Fossils** [Rai10, O'C07]. **Foster** [Tho84]. **Fought** [vSvS66]. **Found** [Nor84]. **Foundation** [Lin20, Ser83, Goo91, Kri99, Wan95a]. **Foundations** [Bec23, Par12, Ris10, Wol13a, Har07b, Par12, Wol13a]. **Founder** [Tch67, deM53]. **Founding** [Nee83, Cha94]. **Four** [Ber88, Buc12]. **Fourier** [Fri77]. **Fraenkel** [Den17]. **Fragile** [Hog15]. **Fragmented** [Kwa18]. **Frames** [Mel93]. **Francais** [Dau48]. **France** [Leg15, NV17, Sim11, BT10, CS78, Dav86, Fra77, Gil92, Kim14, Nye74, Rap61, Ris98, Sut81, Tak11, Tei10]. **Francis** [Fre81, Nes13]. **Franck** [Hon89]. **Franco** [Cam20, NR13, Tab22]. **Francois** [Vie17]. **Francois-Vincent** [Vie17]. **Francoist** [Cam10]. **Frankfurt** [Phi10]. **Franklinist**

[Ris98]. **Franz** [Han79]. **Fraud** [Zak13, Van07a]. **Fraunhofer** [Hen93]. **Fred** [Bri15]. **Frederic** [SD08, Mas06]. **Frederick** [Zak13]. **Fredrick** [Bro48]. **Free** [Dar84, Cof06]. **Freedom** [Koj99b]. **French** [Har09, Bel11, Bro69, Coo19, Dau50, Gue59, Hol04, Jen06, Kel07, Lem49, Nye83, Shi79, Shi86, Shi87, Som20]. **Frenkel** [Fre97]. **Fresnel** [Sil74]. **Freund** [Ras93]. **FRG** [Eck88, Eck90]. **Friedrich** [Sco50]. **Friendly** [Har10]. **Frisch** [Sta08]. **Front** [Ano86a, Ano05b, Ano06b, Ano06c, Ano07d, Ano08e, Ano08f, Ano08g, Ano08h, Ano09e, Ano09f, Ano09g, Ano09h, Ano10h, Ano10e, Ano10f, Ano10g, Ano11c, Ano11d, Ano12g, Ano12h, Ano12i, Ano12j, Ano13g, Ano13h, Ano13f, Ano13i, Ano13j, Ano14e, Ano14f, Ano14g, Ano14h, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j]. **Frontier** [Fel13, Ham10, FH11, HKW08]. **Fruit** [Coo19]. **Fuchs** [Wal15a, Goo03, Lau12]. **Fugue** [Lee16]. **Full** [Fel13]. **Fulminans** [Dav49]. **Fundamental** [Mar15, Rus81, Ste03]. **Funding** [FHW75, Dev00, Wan95b]. **Funds** [GG88]. **Funny** [BK21]. **Future** [Abb13, Dim14, Hag14, McC3 , Wes08b, Zak13, Rei95, Spi11, Dim14, Gan53]. **Fyfe** [Bal15].

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K. [Fin13, Gor17]. **Kahn** [Les08]. **Kaiser** [Gau10, Cho12]. **Kamerlingh** [Dah84]. **Kapitza** [Koz91]. **Karl** [Lec92, Sco50]. **Karlsruhe** [dM48, vSvS66]. **Karyotype** [dC15]. **Kassell** [Gar09]. **Katzir** [Set05]. **Kautilya** [Rây59]. **Kayser** [Dör95]. **Keeling** [Wea07]. **Keep** [McC08, Ham10]. **Keller** [Har09]. **Kelvin** [WS86]. **Kendrick** [Lau14]. **Kenelm** [Mil49]. **Kentucky** [Rai10]. **Key** [Wit21]. **Khunrath** [DR50]. **Killer** [Abb13, Tab22]. **Killian** [Lec92]. **Killing** [Hop96]. **Kind** [Kel12, Les08, Nie89, Nie91]. **Kind-Terms** [Kel12]. **Kindī** [Lev62]. **Kinds** [Lin20]. **Kinetic** [Gar70]. **Kingdom** [WG10, Por13]. **Kirby** [Hec14]. **Kirchhoff** [Sch03]. **Kirsch** [Mod08]. **Kitab** [Lev64b]. **Klaus** [Wal15a, Goo03, Lau12]. **Knowing** [Fin13, Lan11]. **Knowledge** [Bal15, Bri15, Bro14, Cul74, Fin13, Gar09,

Hir50, Lon08, Mat15, OCS08, Rey22, Sch09, Tal16, Zak12, Ash10, Bru07, Can05, Coo07b, Fyf12, Hey06, Hou97, Isa12, Joh09, Koj99a, Mor05, Til11, Cho12]. **Kohlstedt** [Sch12a]. **Kolb** [Ham10]. **Kolbe** [Phi66]. **Korea** [Wu20, Hyu19, Kim02, Wu20]. **Korean** [Wu20]. **Kraft** [Elk70]. **Krementsov** [Sch12a]. **Krieg** [Wol03]. **Kristen** [Mod08]. **Kristie** [Hop96]. **Kristine** [Coe10]. **Kuhn** [Bia12, Buc12, Gib12, Han12, Hel12, Isa12, Lew12, Lyn12, Mau12, Nye12, Ros12a, Smo12, Sta12, Bri15]. **Kuhnian** [Rad12]. **Kutcher** [San10]. **Kyoto** [Abi00].

L [Bro14, Dav49, Ham10]. **Līqs** [Lev61b]. **Lab** [Hag14, Kir11, Lan10, Oti07, Nye09, Hal11, Hec14]. **Labographie** [Nye09]. **Labor** [Bol22, Lau14, Men21, Tie13]. **Laboratories** [FG98, FG99, Luk64, Str10, Svi76, Tea23, Cas01, Mun03, Sei01, Wes02, Rus81, Wes08a]. **Laboratorio** [San10, Her08]. **Laboratorium** [Pra49]. **Laboratory** [Ben01, Fin13, Kra09b, Mor92, Nes13, Sei86b, Van49, Aas95, Lel05, Til11, Ahe03, Cre01, Fle20, Her08, Les08, Nee83, Pra49, Sei83, Ser83, Wes02, Wes08b]. **Labs** [Sla12b]. **Labscapes** [Sar10a]. **Ladislaus** [Cha94]. **Laissez** [Ore00]. **Laissez-tomber** [Ore00]. **Lam** [Rog12]. **Lamp** [Str64]. **Land** [MSD21]. **Landau** [Huf07]. **Landé** [For70]. **Landscape** [Kwa18]. **Landscapes** [BT10, Sar10a]. **Lane** [Fin13]. **Lang** [Phi10]. **Langevin** [Lel05]. **Langmuir** [Koh74, Koh75]. **Language** [Bar18, Dör12, ST18, Wu20]. **Languages** [Nof21]. **Lannoo** [Hag14]. **Laplace** [Gue76]. **Laplacian** [Fox74]. **Large** [DD59, Hod87, KP86]. **Large-Scale** [DD59, Hod87]. **Larmor** [Dar94]. **Larson** [Ved20]. **Laser** [Sei87, MD03]. **Late** [Dol76, Gar78, Kat09, Kri08, Pye82, Tab22, Tur08, Mal00, Tur05]. **Late-Nineteenth-Century** [Gar78]. **Later** [Buc12, Sig92]. **Latin** [Bar16]. **Latitude** [DR89]. **Laucht** [Wal15a]. **Launching** [Wes08b, Ano08i]. **Laura** [Nye09]. **Lauren** [Gar09, Oni15]. **Laurent** [Bro75, deM53]. **Lavoisier** [Dau50, DD59, Duv53, Gue61, Gue76, Lei59]. **Lavrentiev** [Tat16]. **Law** [AvL16, Cof06, Cro88, Lev64a, Sch66, vS67, Gor02, Kev94, Sch03, Coe02, Dmi04, Gav90, Hol62, Lei48, vSvS66]. **Lawrence** [SD08, Sei83, Wes08b]. **Laws** [AvL16, Lin09, CLW07]. **Learn** [SD08]. **Learned** [Kin13, Mod08, Smo12, Bel11]. **Learning** [Wer97]. **LeBon** [Nye74]. **L'école** [Dau48]. **Lectures** [Rhe50, Wal92, Par60]. **Lécuyer** [Cho12, Joh08]. **Led** [Lei48]. **Lee** [McC04]. **Left** [Hec14, Tai17, Wan95a, Lev13]. **Legacy** [Nov15, CR09]. **Legends** [Rai10, May05]. **Legitimating** [Sem08]. **Lehigh** [Les01]. **Leibnitz** [Eck88]. **Leipzig** [Goo91]. **Lenard** [Whe78]. **Length** [Ker13]. **Leo** [SD08]. **Léon** [Jac07, Jac12, Wal15a]. **Leopold** [San10, Hag14, Koh11, Lan10]. **Leprosy** [Edm06, Har09]. **Lesch** [Str08]. **Lessons** [Kit12, Lon12]. **Lethal** [Kra09a]. **Letters** [Sol61, Sol65]. **levels** [Wea07]. **Levin** [Hec14]. **Lewis** [Bou12, For07, Koh71, Koh75, Siv62, Stu75]. **Lexicons** [Kel12]. **Lexington** [Rai10]. **Leyden** [Dah84, Ris98]. **Leyland** [Oni15]. **Li** [Zul09]. **Liangying** [Mil99]. **Liberal** [Set16, Jur02]. **Liberalism** [Bri15, Nye09, Coe07, Tur13]. **Liberally** [Rob80]. **Liberally-Educated** [Rob80]. **Liberals** [Wan95a]. **Liberation** [vSvS66]. **Librarian** [Dei64]. **Library** [Dei64, Lau14]. **Lick** [Rai10, Hed08]. **Liebig** [Jac14, Kli53, Phi66, Tur82]. **Life** [Abb13, Ama20, Cro20, Dim14, Dör12, Esp15, Hag14, Het89, Hop96, LO48, Liu19, Pan90a, Phi10, Pye11, Sta08, Tat16, Zak13, Ayr12, CE81, Coe07, Kev97, Les01, Nov12, Rhe10a, Ric08, Ris07, Rus11a, Cro20, Dör12,

Lin09, Nye09, San10, Bue53]. **Lifton** [Hop96]. **Light** [Can75, GB89, Hen19, LU13, Leg15, Nie89, Nie91, Nye74, Stu75, Wes08b, Abi03, Bru07, Bur06, Hun10, Ott08]. **light-quantum** [Bru07]. **light-velocity** [Abi03]. **Lights** [Ame22]. **LIGO** [Col03]. **Lillian** [Ham10]. **limitations** [Mun03]. **Limitless** [Dim14, McC3]. **Limits** [Cha20, Gil08]. **Lincoln** [Sla12b]. **Lindee** [Jac09]. **Linear** [Mun97]. **Lines** [Hen93]. **Linnaeus** [Cha11]. **Linus** [Dei21]. **Lisbon** [GS11]. **Listening** [Dör21]. **Literature** [Leg15, Lev64c, Pic14, Wis82, Gol10, Hen14, Bal15]. **Little** [OCS08]. **Liverpool** [CH16, Hin03]. **Lives** [Fle20, Pau11, Kli13]. **Living** [Fin13, Jia16, Til11]. **Lizhi** [Wil99]. **Local** [Lon08, Wu20, Coo07b]. **Locher** [Coe10]. **Lockean** [HG71]. **Lodge** [Hun86]. **Loeb** [Cro20]. **Logicomix** [DPPdD11, Oni15]. **Logics** [LU13]. **Lombard** [LK50]. **London** [Fle20, Gar09, Gil08, Har09, Kev09, Wal15a, Zak13, Har07a, Hun13, Kas05, Han15]. **Long** [Bro14, Pan20, Yea03, ABO10]. **long-distance** [Yea03]. **Longevity** [Par10]. **longue** [Wal94a]. **Looking** [And09, Mil10b, Ric12]. **Lord** [Zak13, WS86]. **Lords** [Par01]. **Lorentz** [Dar94, Hir69, McC70]. **Lorraine** [And09, Ric12, DW49]. **Loss** [Les90]. **Lot** [SD08]. **Louis** [LO48, Les08]. **Louisiana** [Bra15]. **Love** [FF17, Mod08, Oni15, Red10]. **Loving** [Smo12]. **LTER** [ABO10]. **Lucier** [Bou12]. **Lucky** [Oli19]. **Luis** [Cro20]. **lumières** [Bel11, Kim14]. **Lunbeck** [Lin09]. **Lynn** [Phi10]. **Lyon** [Gar09]. **Lyot** [Huf94]. **Lysenkoism** [DL09, Wol10].

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[Hol62, Pot23]. **Massachusetts** [Bra15, HS89]. **Masses** [Sie78]. **Master** [Zul09]. **Material** [Kim14, Dei04]. **Materialism** [Gor17]. **Materials** [Bec23, BV01, Eis16, GH17, Iri23, LU13, MC13, OD23, San10, Sol61, Ren09]. **Math** [Kle19]. **Mathematical** [Bar18, Gas96, Lee16, TP16, Wis79, Yag84]. **Mathematician** [Abr20]. **Mathematicians** [For71, Rid84, Wil82]. **Mathematics** [Bar16, Bec80, Fel85, Jun79, Kle19, Sch81, Shi16, Shi79, SS18, Wis79, SG99]. **Mathematization** [Buc77, Fra77]. **Matrix** [Mac77]. **Matter** [Ano86a, Ano05b, Ano06b, Ano06c, Ano07d, Ano08e, Ano08f, Ano08g, Ano08h, Ano09e, Ano09f, Ano09g, Ano09h, Ano10h, Ano10e, Ano10f, Ano10g, Ano11c, Ano11d, Ano12a, Ano12b, Ano12g, Ano12h, Ano12i, Ano12j, Ano13g, Ano13h, Ano13f, Ano13i, Ano13j, Ano14e, Ano14f, Ano14g, Ano14h, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ber82, Dar86, HG71, Rei17a, Kuk95]. **Matters** [Coo07a, Lon08]. **Matthew** [Coe10, Hec14, Lau14]. **Matthews** [Fra82]. **Max** [Hop96, Hal11, Gol76, RH00, Von01]. **MAX-lab** [Hal11]. **Maxwell** [BE69, Gar70, Hun15, Por81, Rei53, Wis82]. **May** [HS89, How11]. **Mayer** [Hei76]. **Mayor** [MOBG09, Por13, Rai10]. **Mayr** [Mil10a]. **Maze** [MJ15]. **McCay** [Par10]. **McCormmach** [Aas07, BH07, Set20]. **McCray** [Ham10, Dim14]. **McGill** [Tho84]. **MD** [Kim14, Lau14, Por13]. **Me** [Igo18]. **Mean** [Wol10]. **Meaning** [Bro08, Löw90c]. **Meanings** [CG96, Ved20, Can97]. **Measure** [Lam18, Wal00]. **Measurement** [Hun15, Pot23, WS86]. **Mechanical** [Dor75, Ser77, Yag84, Yea12]. **Mechanics** [Bro76, Bro08, JJ15, Mac77, Mel93, Rüg88, Sta11, Dar98a, Fre05, Van07b]. **Mechanistic** [Hir76]. **Media** [Gol13, Nav16, Tab22, She12]. **Mediaeval** [Lev64c]. **Medical** [Bar15, Cro07, Har09, Hop96, Kli13, LAKAK66, Wes96a, Alm11, Edm06, Ede59]. **Medicina** [BGC08, Por13, Por13]. **Medicine** [Ama20, Har09, Hop96, Jac09, Kas05, Kli13, Lon08, Mit23, Mor21a, Por18, San10, Wu20, Coo07a, Cro07, Kut09, Les07, Lin05, Par07, Gar09, Jac09, Str08]. **médico** [BGC08, Por13]. **Medieval** [Lev67b]. **Medium** [Nav16]. **meetings** [Bel11]. **Meets** [Gro17]. **Megascience** [BH08, HKW08, Ham10]. **Meghnad** [Sur02]. **Meissen** [Pra53]. **Meissner** [Pra53]. **Membrane** [Liu19]. **Memorial** [Dei48, Mar21, MSD21]. **Memoriam** [Dei64, Nis76, Pye74]. **Memory** [Sta11]. **men** [Low99]. **Mendeleev** [Dmi04, Dru20, Gor02, Lei48]. **Mental** [Wu20]. **Merchants** [OC10, How12]. **Merle** [Wan12]. **Merlin** [Tay48]. **Merton** [Wan99a]. **Mesa** [Les08]. **Mesopotamia** [Lev59]. **Mesopotamian** [LB59]. **Mesotrons** [Mon08]. **Mess** [Abb13]. **metabiography** [Rup08, Phi10]. **Metabolism** [Nes13]. **Metal** [Far62]. **Metals** [Eck87, Sme66]. **Metamorphosis** [Tre75]. **Metaphorical** [Wei22]. **metaphors** [Koj99b]. **meteorology** [Har08, Coe10]. **Meters** [Kat09]. **Method** [Fri89, HS18, Hol87, Rei17b, Yag84]. **methodological** [All01]. **Methodology** [Can75]. **Methods** [LVGS+22, Ten22, Tho12, VD10]. **Metropolis** [Bey11, Lau14, Wes12]. **Mexican** [MSD21]. **Mexico** [Bar15, de 06]. **Meyer** [Dav48]. **Michael** [Hag14, Ham10, Har09, Hop96, Jac09, Nye09, Ved20, Nye11, Ram95, Ric17a, Rob60, Wal15a, nye07]. **Michigan** [Mar21]. **Microbial** [Lee18]. **Microchip** [Cho12, LB10]. **Microscope** [And09, Iri23, Sch07]. **Microscopy** [Dim14, Mod12]. **Mid** [Bar16, Dav86, Hol18, Ore00]. **mid-20th-Century** [Ore00]. **Mid-Nineteenth** [Dav86]. **Mid-Twentieth**

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Sainte-Claire [OL50, Sol65]. **Salazar** [GS11]. **Saliba** [Ris10]. **Salk** [Les08]. **sallies** [Huf07]. **Sally** [Dim14, Sch12a]. **Salvage** [Bol22]. **Salvation** [Fin21]. **Samarqandi** [LAKAK66]. **Samuel** [Fre81]. **San** [Lau14]. **Sander** [Phi10]. **Santa** [Por13]. **Santafé** [MOBG09]. **Santesmases** [SD08]. **Satellite** [Con06, Stu86, Orl04]. **savant** [Bel11, Coe10, Kim14, Loc08]. **saw** [For07]. **Saxony** [Jun79]. **Scale** [DD59, Hod87, Cha01]. **Sceptical** [Sar50]. **Schickore** [And09]. **Schmalzer** [Rog12]. **Schoenheimer** [Koh77]. **Scholar** [FH19, Mil49]. **Scholars** [Sol61]. **Scholarship** [Wit21]. **School** [GS11, Hof17]. **Schools** [Son53]. **Schrödinger** [Han79, RF69, Rüg88]. **Schulmann** [Sta08]. **Schuster** [Kli13, Sta08, Fef89]. **Schwann** [Vie17]. **Schwartz** [Kev09]. **Schweber** [Wal15a]. **Science** [And09, Arb19, ABO10, Aro17, Bal15, Ben12, Bia22, Bou12, Bow09, Bra15, Bri15, Bru03, Bug89, CH16, Coo12, CLW07, Cre08, Dea08, Dim14, Dör12, Eck87, Fef92, Fin13, Fle20, Fre05, Fri77, Fri89, Gar78, Gif20, Gil92, GH17, Hac86, Hal11, Ham10, Han15, Hec14, Hei76, Jac09, Joh08, Kar77, Kev90, Kli13, Koh11, Kra09b, Kuz71, Kuz74, Lau14, Lav14, Lec92, Leg15, Les81, Lin09, Lon08, Low99, Lyn12, Mar16, Mar21, Mat15, McC64, McG18, McM22, Mir21, MC13, Moo16, Mor21a, Mor71, Mor09, NR13, Neu14, Ng19, Nov15, Nye80, Nye83, Nye09, Oli19, Ols08, Pal89, Phi10, Pic14, Pra49, Rai00, Rai10, Ris10, RO20, Rob20, Rog12, Ros22, Rus86, Sch12a, Sch88, Sei83, Sei86b, ST18, She16, Shi79, Sim16, Sow17, Sut81, ST70]. **Science** [Swa17, Tat16, Tat19, Ten22, TAR$^+$20, Tur20, Tur08, Tyr15, Ved19, Ved20, Wal94a, Wal15b, Wan08, Wei22, Wil15, Wol13a, Zul09, BV01, BJ10, Buc13, But94, Car99, Cas94, Cas96, Coe07, Col10, Col03, Coo07a, Cur11, DeY11, Dea07, Doi09, Fab10, For07, Gau08, Gil07, Gol10, Gre08, Gru95, Hac00, Har07b, Har05, Hei93, Hop96, Hun13, Ito02, Jan11, Jur02, Kir11, Koh10, Kre11, Les01, Mar12, McE07, Mun13, Nye11, O'C07, Ogi06, Pan97, Pan14, Ree09, RH10, Rus13, Sal07, Sch08a, Sec14, Str06, SD08, Sur02, Tak12, Wal94b, Wan95a, Wan95b, Wan99a, Wol13b, nye07, Bro23, Cho12, Dea08, Fin13, Hag14, Ham10, Hop96, Kev97, Kin11, Leg15, Lin09, Mod08, Phi10, Ric12, Ris10, Sch12a, Ved20, Wal15a, HV06, Sch20]. **science-as-social-practice** [nye07]. **Science-City** [Tat16]. **Sciences** [Bri15, Bro14, FM16, Jun79, Kim14, McC15, Mod20, Pan20, Rob80, Shi79, Sta16, Tab22, VD10, Wil82, Con06, Isa12, Lon11, Spa12, Vet04, Hol03, Sch20]. **Scientific** [Can75, Cas09a, Cha93, Cur16, Dmi04, Eck90, Fin13, Gar09, Gol13, GM12, Hop96, Lal13, Les08, Lon08, Lon12, McM22, OCS08, Pic14, Pye76, Ris10, Ros12a, Shi16, Sim19, Sla12a, Sol61, Son53, Sow17, Tai17, TBV20, Tei10, Van07a, VD10, Wal15a, Wan12, BO06, Can05, Dar98b, DL11, Gau08, Har07a, Kai02, Kri01, Mal00, Mor05, Orl04, Sar10b, Til11, Wan99b, Nye09]. **Scientism** [Phi10, Sur02, Ols08]. **Scientist** [Coe02, Elm12, Hec11, Leg15, Sch67, Aas99, DeY11, Sch02]. **Scientists** [Dim14, GB89, Hec14, How12, Lar17, Luc08, McC3 , Mod08, Rad13, Ric17b, AB98, Ake07, But94, Cra00, Gol00, Kir11, OC10, Ros82, Ros95, Ros12b, Bou12, Set12, Sla12a, Mor21b]. **Scott** [Mod08]. **Scottish** [Rea48]. **Scripps** [Esp15]. **Scrutinizing** [dCP18]. **Sea** [Rob20]. **Sealab** [Kar13]. **Sean** [Kim14]. **Search** [Hec14, Oni15, dC20, Cha01, CG96, DPPdD11, Mun97]. **Searching** [Har09, Rad13]. **Sears** [Cit15]. **Seaside** [Ben01]. **Second** [Kra79, Oni15, Ame22]. **Secord** [Bal15]. **Secrecy** [Kle21]. **Secret** [Cro20, Gil92, Hop96]. **Secretary** [Dei64]. **Security** [For87, Kev90, Aas95]. **Seebeck** [Nie89, Nie91]. **seeds** [Her08]. **Seeing** [Fin13, Mar16, Lan11, Ste16]. **Seek**

[Gol13, She12]. **segunda** [Mat15, Poh11]. **Seismology** [Dör21, Goo84]. **Seiya** [Dar04]. **Sekhsaria** [Fle20]. **Selected** [Ano86b, Bey00, Bey01, Bey02, Gro03a, Gro03b, Gro04a, Gro04b, Gro05a, Gro05b, Low86a, Low86b, Low87, Low88b, Low88a, Low89b, Low89a, Low90b, Low90a, Low91, Pan93, Pan94a, Pan94b, Pan95, Rid91, Rid92, Rid93, Wes96b, Wes97a, Wes97b, Wes98a, Wes98b, Wes00, You06b, You06a, You07a, You07b, Lau14]. **selection** [Bor10, Ric12]. **Self** [Abr20, Kel08, Kel09, Lan23, Wan12]. **Self-Made** [Abr20]. **Self-Organization** [Kel08, Kel09]. **Semantics** [Wri18]. **Semiconductor** [Sch88, Cho12, LB10]. **semillas** [Her08, San10]. **Semipermeable** [Liu19]. **Sen** [Fle20]. **Señora** [MOBG09, Por13]. **Sensational** [Mor09]. **Sense** [Phi10, Ris10, Dea07, Ric08]. **Sentiments** [Lar17]. **Sequencers** [LVGS$^+$22]. **Sequences** [LVGS$^+$22]. **Sequencing** [GSLV$^+$22b]. **Serendipity** [Oli19]. **Series** [Bro14]. **Serological** [Str10]. **Service** [Har09, Léc95, Cro07]. **Seth** [Kat05, Sta11]. **Settles** [Ede48]. **Seven** [Chu67]. **Seventeenth** [Pic14, DW49, Rea48]. **several** [Wes96a]. **Severo** [San05, SD08]. **Sex** [Alm11, Bel18, Ha15, Kli13]. **Sexuality** [Lau14, Tie13]. **Seymour** [SD08, HS06]. **Shack** [Hag14, Lan10]. **Shadow** [Fel13, Ham10, Nov15, CR09, Wan99a, Wan08]. **Shanghai** [Pye90a]. **Shape** [Kli13, Pau11]. **Shaped** [Ten19]. **Shaping** [Ayr12, Bar16, Ng19, Ris10, Cah04, Gau08, Hag14]. **Shared** [Koh71]. **Shark** [Mar16]. **Shaul** [Set05]. **She-Wolf** [Tab22]. **Shelley** [Sta08]. **Shells** [Gil23]. **Shifting** [Ama20, Dim14]. **Shobita** [Jac09]. **Shovel** [Ger21]. **Shovel-Ready** [Ger21]. **Show** [Rai10, O'C07]. **Showcase** [Tat16]. **Showers** [Cas81]. **Siberian** [Tat16]. **Siddiqi** [Sch12a]. **Side** [Bra15]. **siècle** [Loc08, Coe10]. **Siegel** [Str08]. **Siemens** [Cah82]. **siglo** [Mat15, Poh11]. **Signal** [Fle00a]. **Significance** [DR50]. **Sigrid** [Rog12]. **silence** [KW96]. **Silicon** [Joh08, Léc06]. **Silvan** [Wal15a]. **Silver** [Lev67b, Sme66]. **Simon** [Gar09, Kli13, Oni15, Sta08, Kas05]. **Simple** [Sei86a, Wil83]. **Simpson** [Rei53]. **Simulation** [Abb13, Hey06]. **Simultaneous** [Fre81]. **Sin** [Qué88]. **Since** [Rus16, Tei10, Jon18, Rad13, Ros12b, Wan99a, Wu20]. **Single** [Lau14, Mun13]. **Singular** [GSLV$^+$22a]. **Síntesis** [SD08]. **Síntesis/FECYT** [SD08]. **Sir** [Aga69, CE81, Far64b, Ful60, Mil49, Mil61]. **SIRIO** [Orl04]. **site** [Can05]. **Sites** [Cha93, FG98, FG99]. **sixties** [Lev13, Tur13, Bri15, Hec14]. **Skaar** [Wal15a]. **Sketch** [Byk65]. **Sketches** [Fre97, Ful67]. **Skies** [AvL16, Ham10, McC08]. **Skowron** [DL09]. **Skull** [Nov15, Fab10]. **Sky** [Bal15, Con11, Lau14, Hen14, Mun13, Wes12]. **Skylab** [Kar13]. **SLAC** [Hal15, Wan95b]. **Slater** [Sch90]. **Slavery** [Mit23, Nov15, CR09, Cur11]. **Sleepwalkers** [Dea14]. **Smail** [Zak13]. **Small** [Hal11]. **Smith** [Dim14, Mor09, Kli59]. **Smithsonian** [Oni15]. **Smoke** [How12, OC10]. **Snails** [Fin21]. **Soap** [Low23]. **Social** [Bro14, Can78, Gro17, Huf71, OCS08, Por81, Rob76, Rog12, She16, Szy84, Tho17, Wal15a, Wil15, Lam11, Nye11, Sur02, nye07, Koj99b, Mor21b]. **Socialism** [Bia22, Hop96, Goo91, Hop96, Wal92, Wal94a]. **Socialist** [Tai17, Tat19]. **sociedades** [GUOB11, Por13]. **Societies** [Mil50]. **Society** [Ama20, Coe10, Dea08, Jac09, Mil50, Hol99, Kev94, Low99, Mul08, Bac65, Mil59]. **Sociologists** [Kwa18]. **Soft** [Aub20]. **Solar** [Bad18, Hen93]. **Solid** [MJ15, Tei10]. **Solid-State** [Tei10]. **Solution** [Deb62, Dol76]. **Solutions** [Tea23]. **Solvay** [BV09, Sta11]. **Somatic** [Hol18]. **Some**

[Bey11, DW49, Gue59, Hil49, Lev64c, Pal89, BG13]. **Something** [Cro20]. **Sommerfeld** [Sta11, Eck87, Set10]. **Sonar** [Hac86]. **Sonderweg** [Phi10]. **Sooner** [KW96]. **Sophia** [Cro20]. **Sophomore** [Ros12a]. **Sophus** [Kau60]. **Sort** [Lek23]. **Sounders** [Yea12]. **Source** [Wes08b, Wes10]. **Sources** [Nye83, nye07]. **South** [Wu20, AM64, Cas09a, Hyu19, Kim02]. **Southern** [Lau14, Goo84, Wes12]. **Sovereignty** [CR16]. **Soviet** [Sch12a, Hol99, Lee16, Sid10]. **Soviets** [Hec14, Wol13b]. **Soyoung** [Wu20]. **SP** [Mod08]. **SP-2006-4317** [Mod08]. **Space** [DeV87, Dim14, Gal79, Ham10, Joh08, Lam18, Lau14, McC3 , Mod08, Nee87, Rüg88, Rus11b, Gep11, McC08, Oli13, Wes07]. **Spaceflight** [Sch12a, Sid10]. **Spaces** [Kar13, Sow17]. **Spain** [Cam10, Cam20, HR12, NR13, NG12, Tab22]. **Spanish** [Lon08, BO06, CA14, De 12, Her08, HR12, Mat15, PVP50, SR02a, San05]. **Spary** [Kim14]. **spas** [Jen06, Har09]. **Spatial** [Von18]. **Speaking** [Cah88, Dol76]. **speaks** [Dev00]. **Special** [FM16, MMMSD21, Mil20, NV17, Wes08a, Abi91, Cas86, Gol70, Gol76]. **specialties** [Cas01]. **Species** [Ben12, Jia16]. **Specimen** [Kin13]. **Spectacular** [Mor09]. **spectra** [Cas07]. **Spectro** [Lav14]. **Spectro-Chrome** [Lav14]. **Spectrum** [Kra09b, Rob83]. **Speculation** [Mit23, For08, Jac09]. **Spend** [Bey11]. **sperm** [Alm11, Kli13]. **Spier** [Zak13]. **Spirit** [Cha01, Kri01]. **Spokesman** [Hop96]. **sponsored** [Gru95, Wan99b]. **Spontaneous** [BC91, Hod93]. **Spots** [Pot23]. **Spread** [Eck87, Lei59]. **Springer** [Gor14a]. **Sputnik** [Ham10, Aas95, Wan08]. **Squeeze** [Wes08a]. **SSC** [Kev97, KH93]. **Stability** [Bad18]. **Stable** [Kel09]. **Stack** [Oli09]. **Staffan** [Kev09]. **stages** [Hom06]. **Stahl** [Rap61]. **Stalin** [Ham10, Gor09, Koz91]. **Standardizing** [Ame22]. **Standards** [Ker13]. **Stands** [Bad18]. **Stanford** [Wu20, Les87, Vet04]. **Stanisław** [DL09]. **Stanley** [Rai10]. **Starry** [Bal15, Hen14]. **Start** [Oli19]. **Started** [Smo12]. **State** [Bra15, Bro14, Cam10, Dah86, Hec14, MJ15, Rog12, Tei10, Ash10, Hol99, Lam11, Sur02, Wan99b, Wil99, Wol13b, Bro14, Gau10, Kev90]. **state-sponsored** [Wan99b]. **States** [Abb13, McG18, Nyh17, BV01, DIR91, Dim14, For87, Gav90, Hac00, Kev97, Kli13, Nov12, Pre11, Rid84, Sch86, Son53, Tyr15]. **statesman** [Aas99]. **Station** [Ben01, Mod08, GP17]. **Statistical** [Por81]. **Statistics** [Dar88, Dar91, Kle19, Sep18, ST18, Von18]. **statu** [Dmi04]. **stayed** [BG13]. **Steal** [Kel11]. **Steam** [Fyf12, Bal15]. **Steam-powered** [Fyf12, Bal15]. **Stefan** [Mat15]. **Stellar** [Huf81, Huf07]. **Stellar-Energy** [Huf81]. **Stem** [Kra09a, Lan19]. **Stephen** [Rad12, Ris10]. **Steps** [Goo81]. **stereochemistry** [Ram95]. **steroids** [Sla00]. **Stevenson** [Han15, Wil13]. **Stewart** [Sei86a]. **Sticky** [Tea23]. **Still** [Ric12, Sch64, SD08, Zak13]. **Stillborn** [Tre75]. **Stimuli** [Den17]. **Stokes** [Zak13]. **Stolen** [Den23]. **Stommel** [VD10]. **Stop** [Mod08, Smo12]. **Stories** [How12, Wes01a]. **Storm** [CH16]. **Storms** [Fle00a, HV06]. **Story** [Ham10, Shi23, BG13, McC08]. **Stranded** [Sch12a, Kre11]. **Strange** [Byc13]. **Strasser** [SD08]. **Strategies** [Nes13, Rad13, Set12, Tho12, Ros82]. **Straus** [Ham10, Sta08]. **Strength** [Bec23]. **strikes** [Fle00a]. **String** [BH08]. **Strong** [Bec23]. **Structure** [Bia12, Buc12, Das12, Gib12, GM12, GD59, Gro17, Han12, Kit12, Kra85, Lon12, Lyn12, Mor71, Rad12, Ros12a, Rüg88, Smo12, Sta12]. **Structures** [Pye11, Tei10]. **Struggle** [Phi10, Cas96, Ric08]. **Struggles** [Rad13, Ros82]. **STS** [Rad13]. **Stuart** [Tho84]. **Students** [MSD21]. **Studies** [And09, Far61, Lev61c, Lyn12, McC15, Mod20, Sch20, Dör06]. **Study**

[Can75, Cur16, Dol76, Goo81, Hac86, Hon89, Koz91, LB59, Lon08, Nye74, Phi10, Sch12a, She16, Wis79, All01, Dar94, Gli08, Hin03, Koh10, Wan99b, Yea03]. **Studying** [Fri89, Ved19]. **Stupid** [Cas09a]. **Style** [Cas79, Les08, Cas07, Neb94]. **Styles** [Gor20, Hol04]. **Stylish** [Gor20]. **Subelectrons** [Hol78]. **Submolecularity** [Mun67]. **Subsequent** [JJ15]. **Subsidiary** [JJ15]. **Substance** [Par48]. **Substances** [Far50]. **Subversive** [Cit15]. **Success** [Aga69, Shi86, Shi87, Tre75]. **Suh** [Wu20]. **Sulfa** [Str08, Les07]. **Suman** [Sta11, Kat05]. **Summer** [Ben01]. **Summers** [SD08]. **Sumum** [Lev64b]. **Sunshine** [Coo19]. **Super** [Eis16, Rio01]. **Superbomb** [GB89]. **Superconducting** [Rio01]. **Superconductivity** [Dah84, Dah86, Hod87]. **Superior** [San10]. **Superpowers** [TP16]. **Support** [Huf71]. **Supporting** [Fef92]. **Surge** [CH16]. **Surmise** [Mar21]. **Surround** [Bri15, Tur13]. **Surrounding** [Dah86, SF13, SF15]. **Surveillance** [CR16, Dry19, Fle00a]. **Survey** [Lev61b, Muk20, Por81]. **Surveys** [Rog12, Lam11]. **Surviving** [Wes08a, Wes10, Hop96]. **Susan** [Jac09, Rog12]. **Swansong** [Hei07]. **Swastika** [Hop96]. **Swedish** [GH17, Hal11]. **Swimming** [Mun21]. **Swindlers** [Bou12, Luc08]. **Symmetry** [BC91, Stu75, Kat04]. **Symptoma** [Dar91]. **synchrocyclotron** [Bur06, RM06]. **Synchrotron** [Cho12, Hal15, HHH15a, HHH15b, KP86, Doi09]. **Synthesis** [DD59, Har09, Jac14, Rei53, Tho22, Zak12, Sla00]. **Synthetic** [HS18, Cro20]. **Synthetical** [Jac14]. **System** [Bad18, Bar15, Dru20, Sei86b, Gru95, Hal11, Shi79]. **Systems** [Cur16, Koh91, Lin09, CLW07].

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Their [EG80, Huf07, Van07b]. **Theodor** [Vie17]. **Theodore** [Wu20, Str64]. **Theological** [Fin21]. **Theophrastos** [Rob59]. **Theoretical** [Bel18, De 02, Gal82, Sch86, Van07a]. **Theories** [Byk65, Cas81, Dei21, Jai66, Kai87, Vie17, BR94, Dar94, Gas96, Kat03]. **Theory** [Ass92b, Bar18, BC91, Can75, Dar88, Dar91, Dol76, Dor75, Eck87, Far64a, Fin21, For71, Fri77, Gar70, Gol70, Gol76, Goo81, Goo69, Hof17, Hoo49, Hun15, Jen84, Koh71, Koh74, Koh75, Kra79, Lei59, Lev61c, McC70, Men21, Oli19, Per18, Roc78, Sta11, Tre75, WK67, Wis82, Yag84, Yea12, Abi03, BV09, BR94, Dar96, Huf07, Sch03, Set04, Set10, Abi00, BK21, Cre83, Hir69, Hir76, Par59, Rad12]. **Therapy** [Lav14, Str08, Wat07]. **There** [SD08]. **Thermal** [Abi91]. **Thermochemistry** [Sch66]. **Thermodynamics** [Cof06, Cro88, Sch66]. **ThermoPoetics** [Gol10, Leg15]. **Thesis** [Ved19]. **Thickening** [LGSL+22]. **Things** [Jia16, Lam18, McG18, dC18]. **Thinking** [Gal79, HS18, Tat19]. **Thinly** [Eri23]. **Third** [Cof06, Sch66, Tho17]. **Thirties** [Kra82, Hen84, Sei86a]. **Thomas** [Fin21, Hop96, Rog12, Kli48, Mau12, Nye12, Ros12a]. **Thomson** [Buc77, Fal88, Fef89, Kli48, Wis79]. **Thoroughbred** [Tyr15]. **Thought** [HG71, Ric08, Phi10]. **Threat** [Ano09i]. **Three** [Bey11, Fle06, Aas95]. **Thunderstorms** [Kel08, Kel09]. **Tidal** [CH16]. **tide** [Ian93]. **Tidepool** [Lek23]. **Tiemeyer** [Lau14]. **Tilley** [Fin13]. **Timbuktu** [Wal00]. **Time** [Bey11, Far61, Gal79, Gil08, OD23, Rüg88, Sch09, Sep18, Stu75, Wu20, Zak13, Bel11, Chr11, Ric07, Rai10, Seo21]. **Time-Honored** [Wu20]. **Time/Travel** [Seo21]. **Times** [Ama20, CE81]. **Tobacco** [How12, OC10]. **Tocqueville** [Bou12]. **Today** [Oli19]. **Together** [Bri15, Wes01a]. **Token** [Den17]. **Tolerance** [Fri07]. **Tomás** [Por13]. **tomber** [Ore00]. **Tong** [Rog12]. **Took** [Elm12]. **Tool** [Bia12, Did18, Ten22]. **TOPEX** [Lam18]. **TOPEX/POSEIDON** [Lam18]. **topology** [Dar98b]. **Torbern** [Sch67]. **Torque** [Vel22]. **tortuous** [KW96]. **Tory** [Gor14a]. **totalitarian** [Koj99a]. **Touch** [Lau14, Oli13]. **Townsend** [Hon89]. **Toxic** [Fle20]. **TPC** [Wes01a]. **Tracers** [Koh77]. **Tracing** [Hyu19, Vaz23]. **trade** [Hec12, Wel12]. **trading** [Tur06]. **Tradition** [Ass92b, Jia16]. **Trafficking** [Ren09, San10]. **tragedy** [Bud07, Str08]. **Tragic** [Phi10, Ric08]. **Train** [Gue22]. **Training** [Mun21, Sch81]. **Traité** [Nev65]. **Trans** [Joh08, Rai10, Sta08]. **Transcripts** [Hop96]. **Transfer** [Gif20, Kra09a]. **Transformation** [Can78, Gol13, KR18, Mel93, Sei83, Gli08, Har11, Phi10]. **Transformations** [Lee18, GG50]. **Transformed** [Str08, Wu20, Les07]. **Transfusions** [Sch12a, Kre11]. **Transistor** [Hod81, Les01]. **Transition** [Oli09]. **transitional** [Kel96]. **Translation** [Arb19, Phi10, Gli08]. **Transmission** [CS78]. **Transmitting** [Tal16]. **Transnational** [Aub20]. **Transnationalism** [TBV20]. **Transplantation** [Kra09a]. **transport** [Hey06]. **Transubstantiation** [Lin09]. **Travel** [Seo21]. **Travelers** [Bar16]. **Traveling** [Bar16]. **Trends** [Aro17, AA95]. **Trespasser** [Par22]. **Triads** [Mor09, Jac06]. **Trials** [Gor17]. **Tribute** [Dei48]. **Trieste** [De 02]. **Trinity** [FV13, Oni15]. **Tripos** [Rob80, Wil82]. **Triumph** [Han15, Rei87, Str08, Bud07, Wil13]. **Trondheim** [Wit04]. **Truman** [Ham10, Gor09]. **Truth** [How12, Jac09, DPPdD11, Lin05, OC10, Oni15]. **Tswett** [Rob60]. **Tumors** [San15]. **Turbulence** [Dar02]. **Turn** [Nye74, Set11]. **turned** [Ahe03]. **Turner** [Bri15]. **Tuve** [Wan12]. **Twentieth** [Bar16, Cro20, Dör12, Lau14, MJ15, Nes13,

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U.K [Zak13]. **U.S** [Mod08]. **U.S.** [Ake07, Ben12, Cas94, Fle00a, Par01, Rei95, Wan99b]. **U.S.A.** [Van49]. **UA1** [Wes01a]. **Ubiquitous** [Abb13]. **unburied** [Fab10, Nov15]. **uncertainties** [HV06]. **Uncertainty** [Nye09, Sta11, Cas09b, Coe07, Hey06, Mar12, Bra15, Hop96]. **Understand** [Zak13, Rus11a]. **Understanding** [Cas86, Fri89]. **Unification** [Hop96, Cat98, Jur02]. **unified** [Asp80]. **Union** [Bac65, Hol99]. **United** [Abb13, Dim14, Kli13, BV01, DIR91, For87, Hac00, Kev97, Nov12, Pre11, Rid84, Sch86, Son53, Tyr15]. **Uniting** [Zak13, Rus11a]. **Universality** [TP16]. **Universe** [Gol13, Het82, PA11, De 12, Sta08]. **Universidad** [Mat15, Por13, San10, Her08]. **Universitaires** [Coe10]. **Universitat** [Mat15]. **Universities** [GG88, GH17]. **University** [And09, Bal15, Bra15, Bro14, Coe10, Cro20, Fin13, Fle20, Gar09, Gil08, Ham10, Har09, Hec14, Jac09, Joh08, Kev09, Kim14, Kli13, Lau14, Lec92, Lin09, Lon08, Mod08, Mor09, Nee87, Nov15, Nye09, Phi10, Por13, Rad13, Rai10, Ris10, Rog12, San10, Sch12a, Sla12b, Sta08, Str08, SD08, Ved20, Wal15a, Wol13a, Wu20, Zak13, Lev13, Fef92, GS11, Her08, MC13, Slo14, Tho84, Vet04, Zul09]. **University-Based** [Nee87]. **universo** [De 12, Mat15]. **Unknown** [DD59]. **Unmaking** [MW18]. **Unmechanischer** [Ser77]. **Unpublished** [Bue53, Fra81, Nev62, Sol61, Sol65]. **Unrealized** [Mod08, Kir05]. **unruly** [Von01]. **Unsaid** [Ala23]. **Untwisting** [Gar09]. **Upright** [Hop96]. **upsilon** [Neb94]. **Uranium** [Wel12, Hec12]. **Urbana** [Phi10]. **Uribe** [Por13]. **Use** [Dav48, Ker13]. **Useful** [Mil90, Sch12a]. **Users** [Kli13, Tak12]. **Uses** [Kat19].

V [Ric12, Sch88, DeV87]. **V-2** [DeV87]. **Vaccine** [Var21]. **Vagner** [Sem66]. **Valdivieso** [Por13]. **Valence** [Koh75, WK67, Koh74]. **Valentini** [Sta11]. **Valero** [Mat15]. **Valley** [Joh08, Léc06, Les01]. **Value** [Byc13]. **Values** [Het82, Ito02]. **Vannevar** [Mir21, Rei87]. **Vantage** [MJ15]. **Variable** [Kau67b]. **Variances** [Löw90c]. **Variation** [dC20]. **Velocity** [Pot23, Abi03]. **Velocity-Dependency** [Pot23]. **Velvet** [Cho12, Doi09]. **Venant** [Dar01]. **vendetta** [Cra00]. **Venerella** [Rai10]. **Venial** [Qué88]. **Ventilator** [Wal21]. **Verne** [Han15, Wil13]. **vers** [Dau48]. **versa** [CG96]. **versus** [Gas96, Hon89, SS18, Tur82]. **Vertebrate** [Sun12]. **Verticality** [Rei17a]. **Vettel** [Mod08]. **viaje** [BG10, Por13]. **vice** [CG96]. **vice-versa** [CG96]. **Vichy** [BT10]. **Victorian** [Bal15, Leg15, Mor09, DeY11, Gol10, Hen14, Ott08, Rob76, Sec14, Smi06, ST70]. **Vieira** [GP17]. **Vienna** [Coe07, Nye09, Ren09, San10]. **View** [Dor75, GG50, Kat05, Set04, Set05]. **Viewpoint** [Coo12]. **Vignettes** [CA14]. **vii** [Kli13, Lau14]. **viii** [Bra15, Wal15a]. **Vincent** [Vie17]. **Vine** [Fra82]. **Violation** [Fra83]. **Virtues** [Tai17]. **Virus** [Can21]. **Visible** [Ble12, Por13]. **Vision** [Leg15, DeY11, Ott08]. **Visioneers** [Dim14, McC3]. **Visions** [Hec14, Sec14, Wis12b, Bal15]. **Visited** [Kle19]. **Visits** [Nes13]. **Vista** [McC04]. **Visual** [And09, Cha11, Gal79, Han15, Kwa18, Mor09,

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Wil13, Aas99, Cas01, Dah86, Dev00, Hod93, Jon18, Kai02, KR18, Nov15, Por13, Ric17a, Ris10, Rus86, Tei10, Tur13, WG10, Han15]. **world-view** [Kat05, Set04, Set05]. **Worlds** [Rud08, Sta16, Vie17, Rai10]. **Worldview** [Hir76, Set20]. **Worrying** [Mod08, Smo12]. **Worthy** [Wol13a, Rus13]. **Wounds** [Sem23]. **Wrenching** [Vel22]. **Writing** [Sim16, TAR+20]. **Wrote** [Joh08, BG13]. **WWF** [Cam20]. **www.gutenberg-e.org** [San10].

x [Bra15, Har09, Jac09, Kev09, Kim14, Lau14, Mor09, Nye09, San10, Sta08, Het87, Hog15, Whe81]. **X-Ray** [Het87]. **X-Rays** [Whe81]. **Xavier** [Mat15]. **xi** [Ham10, Har09, Kli13, Lon08, Mod08, Nye09, Ris10, Wal15a]. **xii** [Bra15, Bro14, Fin13, Jac09, Kev09, Lau14, Phi10, Por13, Ris10, San10, Wal15a, Wol13a]. **xiii** [Bal15, Fin13, Fle20, Ham10, Kev09, Rai10]. **xiv** [Fin13, Har09, Lon08, Phi10, Rai10, Sch12a, Wal15a, Wol13a, Zak13]. **xix** [Bro14, Dea08, Nye09, Poh11]. **XIXe** [Coe10, Loc08]. **Xu** [Mil99]. **xv** [Coe10, Lin09, Mod08, Wu20, Zak13]. **xvi** [Bal15, Bra15, Lon08, Sch12a, Zak13]. **xvii** [Gar09, Mod08]. **xviii** [Gar09, Rad13, Rai10]. **xx** [Phi10, Rad13, Mat15]. **xxi** [Gor14a, Zak13]. **xxii** [Fle20, Rai10, Sta08]. **xxiii** [Mor09]. **xxiv** [Gil08]. **xxix** [Lau14, Mod08]. **xxvii** [Ham10, Zak13]. **xxxiii** [SD08]. **xxxiv** [Sta08]. **xxxix** [Rai10].

Yakobi [Sol65]. **Yakov** [Fre97]. **Yale** [Gar09, Joh08, Lon08, SD08, Ved20]. **Year** [Ame22, ABO10]. **Years** [Ber88, Dah84, GM12, vSvS66]. **Yeast** [GSLV+22b]. **Yellow** [Hen19]. **Yes** [SD08]. **Yoo** [Wu20]. **York** [Bra15, Ham10, Kli13, Lau14, Oni15, San10, Sch12a, Sta08, Wol13a, Zak13]. **Yoshio** [Ito02, Kim06]. **Young** [Sch90]. **youthful** [Huf07]. **Yves** [Ved20].

Z [Kin11]. **Zealand** [Bra15, Pri12]. **Zeeman** [For70]. **Zodiac** [Kin11, BJ10]. **Zoology** [Sun12]. **Zukunftsaufgaben** [Gan53]. **Zunz** [Wol13a]. **Zuoxiu** [Mil99]. **Zuoyue** [Ham10]. **Zur** [Pra53]. **Zwang** [Ser77].

References

Abir-Am:1995:NTH

[AA95] Pnina Abir-Am. 'new' trends in the history of molecular biology. *Historical Studies in the Physical and Biological Sciences*, 26 (1):167–196, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Aaserud:1995:SPT

[Aas95] Finn Aaserud. Sputnik and the 'Princeton three:' the national security laboratory that was not to be. *Historical Studies in the Physical and Biological Sciences*, 25(2):185–239, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Aaserud:1999:SSN

[Aas99] Finn Aaserud. The scientist and the statesman: Niels Bohr's political crusade during World War II. *Historical Studies in the Physical and Biological Sciences*, 30(1):1–47, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Aaserud:2007:RMT

[Aas07] Finn Aaserud. Russell McCormmach as a teacher. *Historical Studies in the Physical and Biological Sciences*, 37(2): 453–462, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Agar:1998:BSC

[AB98] Jon Agar and Brian Balmer. British scientists and the Cold War: The Defence Research Policy Committee and information networks, 1947–1963. *Historical Studies in the Physical and Biological Sciences*, 28(2): 209–252, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Abbate:2013:BRK

[Abb13] Janet Abbate. Book reviews: Killer apps and technomyths: *Divining a Digital Future: Mess and Mythology in Ubiquitous Computing Histories of Computing Cybernetic Revolutionaries: Technology and Politics in Allende's Chile Biomedical Computing: Digitizing Life in the United States Simulation and Its Discontents. Historical Studies in the Natural Sciences*, 43(1):105–112, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.105.pdf`.

Abiko:1991:CTO

[Abi91] Seiya Abiko. On the chemicothermal origins of Special Relativity. *Historical Studies in the Physical and Biological Sciences*, 22(1):1–24, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757671`.

Abiko:2000:EKA

[Abi00] Seiya Abiko. Einstein's Kyoto address: 'how I created the Theory of Relativity'. *Historical Studies in the Physical and Biological Sciences*, 31(1):1–35, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Abiko:2003:EDE

[Abi03] Seiya Abiko. On Einstein's distrust of the electromagnetic theory: The origin of the light-velocity postulate. *Historical Studies in the Physical and Biological Sciences*, 33(2):193–215, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See comments [Dar04] and reply [Abi04].

Abiko:2004:ROD

[Abi04] Seiya Abiko. Reply to Olivier Darrigol. *Historical Studies in the Physical and Biological Sciences*, 35(1):157–160, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Abi03, Dar04].

Aronova:2010:BSB

[ABO10] Elena Aronova, Karen S. Baker, and Naomi Oreskes. Big science and big data in biology: From the International Geophysical Year through the International Biological Program to the Long Term Ecological Research (LTER) Network, 1957–present. *Historical Studies in the Natural Sciences*, 40(2):183–224, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Abrams:2020:INO

[Abr20] Ellen Abrams. "Indebted to no one": Grounding and gendering the self-made mathematician. *Historical Studies in the Natural Sciences*, 50(3):217–247, June 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/3/217/110324/Indebted-to-No-One-Grounding-and-Gendering-the`.

Adas:2006:DDT

[Ada06] Michael Adas. *Dominance by design: technological imperatives and America's civilizing mission*. Belknap Press of Harvard University Press, Cambridge, MA, USA; London, UK, 2006. ISBN 0-674-01867-2, 0-674-03216-0. 542 pp. LCCN E744 .A243 2006eb. URL `http://site.ebrary.com/id/10312789`.

Agassi:1969:SJH

[Aga69] Joseph Agassi. Sir John Herschel's philosophy of success. *Historical Studies in the Physical Sciences*, 1(??):1–36, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757293`.

Ahern:2003:WHT

[Ahe03] Joseph-James Ahern. 'we had the hose turned on us!': Ross Gunn and the Naval Research Laboratory's early research into nuclear propulsion, 1939–1946. *Historical Studies in the Physical and Biological Sciences*, 33 (2):217–236, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Ahn:2022:FIW

[Ahn22] Eun-Joo Ahn. Finding the invisible workers in astronomy: The case of Mount Wilson Observatory, 1900–1930. *Historical Studies in the Natural Sciences*, 52(5):555–??, November 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/5/555/194655/Finding-the-Invisible-Workers-in-AstronomyThe-Case`.

Akera:2007:CNW

[Ake07] Atsushi Akera. *Calculating a natural world: scientists, engineers, and computers during*

the rise of U.S. Cold War research. Inside technology. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-01231-6. ix + 427 pp. LCCN QA76.17 .A42 2007.

Anderson:2020:PBH

[AL20] Warwick Anderson and M. Susan Lindee. Pacific biologies: How humans become genetic. *Historical Studies in the Natural Sciences*, 50(5):483–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/5/483/114252/Pacific-Biologies-How-Humans-Become-Genetic`.

Alam:2023:CU

[Ala23] Eram Alam. Citing the unsaid. *Historical Studies in the Natural Sciences*, 53(1):73–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/73/195535/Citing-the-Unsaid`.

Allen:2001:BBC

[All01] Garland E. Allen. The biological basis of crime: an historical and methodological study. *Historical Studies in the Physical and Biological Sciences*, 31 (2):183–222, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Almeling:2011:SCM

[Alm11] Rene Almeling. *Sex cells: the medical market for eggs and sperm*. University of California Press, Berkeley, CA, USA, 2011. ISBN 0-520-27095-9 (hardcover), 0-520-27096-7 (paperback). x + 228 pp. LCCN HQ761 .A46 2011eb.

Alcalde-Mongrut:1964:MRP

[AM64] Arturo Alcalde-Mongrut. Mariano de Rivero, pioneer of mining education in South America. *Chymia: Annual Studies in the History of Chemistry*, 9 (??):77–95, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757234`.

Amado:2020:STM

[Ama20] Eduardo Díaz Amado. Shifting times: Medicine, society, and life. *Historical Studies in the Natural Sciences*, 50(1–2):183–198, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Amery:2022:CNL

[Ame22] Fiona Amery. Capturing the Northern Lights: Standardizing the practice of auroral photography during the Second International Polar Year, 1932–1933. *Historical Studies in the Natural Sciences*, 52(2):147–??, April 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/`

52/2/147/144555/Capturing-the-Northern-LightsStandardizing-the.

Amsterdamska:1993:PDR

[Ams93] Olga Amsterdamska. From pneumonia to DNA: The research career of Oswald T. Avery. *Historical Studies in the Physical and Biological Sciences*, 24(1):1–40, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://profiles.nlm.nih.gov/CC/A/A/P/S/_/ccaaps.pdf.

Anderson:2009:BRE

[And09] Nancy Anderson. Book reviews: Eye and Image: Looking at a Visual Studies of Science: Lorraine Daston and Peter Galison. *Objectivity*. Cambridge, MA: MIT Press, 2007. 500 pp., 140 illus., 32 color, index. ISBN 978-1-890951-78-8. $38.95 (cloth). Jutta Schickore. *The Microscope and the Eye: A History of Reflections, 1740–1870*. Chicago: University of Chicago Press, 2007. 320 pp., 16 halftones, index. ISBN 978-0-226737-84-3. $40 (cloth). *Historical Studies in the Natural Sciences*, 39(1):115–125, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anderson:2020:RTA

[And20] Warwick Anderson. From racial types to Aboriginal Clines: The illustrative career of Joseph B. Birdsell. *Historical Studies in the Natural Sciences*, 50(5):498–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/50/5/498/114251/From-Racial-Types-to-Aboriginal-ClinesThe.

Anker:2010:BEH

[Ank10] Peder Anker. *From Bauhaus to ecohouse: a history of ecological design*. Louisiana State University Press, Baton Rouge, LA, USA, 2010. ISBN 0-8071-3551-8 (hardcover). viii + 188 pp. LCCN NA2542.35 .A54 2010.

Anonymous:1986:FM

[Ano86a] Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 17 (1):??, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757573.

Anonymous:1986:SB

[Ano86b] Anonymous. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 16(1):189–195, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757562.

Anonymous:2005:C

[Ano05a] Anonymous. Cover. *Historical Studies in the Physical and Biological Sciences*, 36

(1):C1, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2005:FM

[Ano05b] Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 36(1): ii–v, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2005:NPE

[Ano05c] Anonymous. Neutron physics in the early 1930s. *Historical Studies in the Physical and Biological Sciences*, 36(1):207, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2005:TC

[Ano05d] Anonymous. Table of contents. *Historical Studies in the Physical and Biological Sciences*, 36 (1):i, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2006:C

[Ano06a] Anonymous. Cover. *Historical Studies in the Physical and Biological Sciences*, 36 (2):C1, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2006:FMa

[Ano06b] Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 36 (2):C2, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2006:FMb

[Ano06c] Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 37(1): ii–iv, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2006:TCa

[Ano06d] Anonymous. Table of contents. *Historical Studies in the Physical and Biological Sciences*, 36(2):i, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2006:TCb

[Ano06e] Anonymous. Table of Contents. *Historical Studies in the Physical and Biological Sciences*, 37 (1):i, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2007:Ca

[Ano07a] Anonymous. Cover. *Historical Studies in the Physical and Biological Sciences*, 37 (2):C1–C4, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2007:Cb

[Ano07b] Anonymous. Cover. *Historical Studies in the Physical and Biological Sciences*, 37(S1): C1, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.cover.pdf`.

Anonymous:2007:F

[Ano07c] Anonymous. Foreword. *Historical Studies in the Physical and Biological Sciences*, 37(S1): 1, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.1.pdf`.

Anonymous:2007:FM

[Ano07d] Anonymous. Front matter. *Historical Studies in the Physical and Biological Sciences*, 37(S1): C2–ii, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.fm.pdf`.

Anonymous:2007:TCa

[Ano07e] Anonymous. Table of contents. *Historical Studies in the Physical and Biological Sciences*, 37 (2):1–5, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Anonymous:2007:TCb

[Ano07f] Anonymous. Table of contents. *Historical Studies in the Physical and Biological Sciences*, 37 (S1):i, September 2007. CODEN HSPSEW. ISSN 0890-9997
(print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.toc.pdf`.

Anonymous:2008:Ca

[Ano08a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 38(1):C1–C4, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:Cb

[Ano08b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 38(2):C1–C4, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:Cc

[Ano08c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 38(3):C1–C4, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:Cd

[Ano08d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 38(4):C1–C4, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:FMa

[Ano08e] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 38(1):C2–ii, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:FMb

[Ano08f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 38(2):C2–ii, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:FMc

[Ano08g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 38(3):C2–ii, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:FMd

[Ano08h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 38(4):C2–ii, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:RLJ

[Ano08i] Anonymous. On re-launching a journal. *Historical Studies in the Natural Sciences*, 38(1):1–3, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:TCa

[Ano08j] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 38(1):i, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:TCb

[Ano08k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 38(2):i, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:TCc

[Ano08l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 38(3):i, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2008:TCd

[Ano08m] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 38(4):i, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:Ca

[Ano09a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 39(1):C1–C4, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:Cb

[Ano09b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 39(2):C1–C4, May 2009.

CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:Cc

[Ano09c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 39(3):C1–C4, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:Cd

[Ano09d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 39(4):C1–C4, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:FMa

[Ano09e] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 39(1):C2–ii, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:FMb

[Ano09f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 39(2):C2–ii, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:FMc

[Ano09g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 39(3):C2–ii, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:FMd

[Ano09h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 39(4):C2–ii, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:JUT

[Ano09i] Anonymous. Journals under threat: a joint response from HSTM Editors. *Historical Studies in the Natural Sciences*, 39(1):126–128, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:TCa

[Ano09j] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 39(1):i, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:TCb

[Ano09k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 39(2):i, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:TCc

[Ano09l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 39(3):i, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2009:TCd

[Ano09m] Anonymous. Table of contents. *Historical Studies in the Natu-*

ral Sciences, 39(4):i, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:Ca

[Ano10a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 40(1):C1–C4, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:Cb

[Ano10b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 40(2):C1–C4, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:Cc

[Ano10c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 40(3):C1–C4, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:Cd

[Ano10d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 40(4):C1–C4, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2010.40.4.cover`.

Anonymous:2010:FMa

[Ano10e] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 40(1):C2–ii, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:FMb

[Ano10f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 40(2):C2–ii, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:FMc

[Ano10g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 40(3):C2–ii, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:FMF

[Ano10h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 40(4):C2–ii, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2010.40.4.fm`.

Anonymous:2010:TCa

[Ano10i] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 40(1):i, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:TCb

[Ano10j] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 40(2):i, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:TCc

[Ano10k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 40(3):i, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Anonymous:2010:TCT

[Ano10l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 40(4):i, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2010.40.4.toc`.

Anonymous:2011:Ca

[Ano11a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 41(1):C1–C4, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.1.cover`.

Anonymous:2011:Cb

[Ano11b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 41(2):C1–C4, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.2.cover`.

Anonymous:2011:FMa

[Ano11c] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 41(1):C2–ii, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.1.fm`.

Anonymous:2011:FMb

[Ano11d] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 41(2):c2–ii, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.2.fm`.

Anonymous:2011:TCa

[Ano11e] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 41(1):i, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.1.toc`.

Anonymous:2011:TCb

[Ano11f] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 41(2):i, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.2.toc`.

Anonymous:2012:BMa

[Ano12a] Anonymous. Back matter. *Historical
Studies in the Natural Sciences*, 42(4):??, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.4.BM.pdf`.

Anonymous:2012:BMb

[Ano12b] Anonymous. Back matter. *Historical Studies in the Natural Sciences*, 42(5):??, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.BM.pdf`.

Anonymous:2012:Ca

[Ano12c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 42(2):??, April 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.2.COVER.pdf`.

Anonymous:2012:Cb

[Ano12d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 42(3):??, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.3.COVER.pdf`.

Anonymous:2012:Cc

[Ano12e] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 42(4):??, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.4.COVER.pdf`.

Anonymous:2012:Cd

[Ano12f] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 42(5):??, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.COVER.pdf`.

Anonymous:2012:FMa

[Ano12g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 42(2):??, April 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.2.FM.pdf`.

Anonymous:2012:FMb

[Ano12h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 42(3):??, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.3.FM.pdf`.

Anonymous:2012:FMc

[Ano12i] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 42(4):??, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.4.FM.pdf`.

Anonymous:2012:FMd

[Ano12j] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 42(5):??, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.FM.pdf`.

Anonymous:2012:TCa

[Ano12k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 42(2):??, April 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.2.TOC.pdf`.

Anonymous:2012:TCb

[Ano12l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 42(3):??, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.3.TOC.pdf`.

Anonymous:2012:TCc

[Ano12m] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 42(4):??, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.4.TOC.pdf`.

Anonymous:2012:TCd

[Ano12n] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 42(5):??, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.TOC.pdf`.

Anonymous:2013:Ca

[Ano13a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(1):??, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.cover.pdf`.

Anonymous:2013:CIb

[Ano13b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(2):??, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.cover.pdf`.

Anonymous:2013:CIc

[Ano13c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(3):c1–c2, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.cover.pdf`.

Anonymous:2013:Cb

[Ano13d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(4):c1–c2, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.4.cover`.

Anonymous:2013:Cc

[Ano13e] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 43(5):c1–c2, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.5.cover`.

Anonymous:2013:FMa

[Ano13f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(1):??, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.fm.pdf`.

Anonymous:2013:FMIb

[Ano13g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(2):??, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.fm.pdf`.

Anonymous:2013:FMIc

[Ano13h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(3):i–ii, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.fm.pdf`.

Anonymous:2013:FMb

[Ano13i] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(4):i–ii, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.4.fm`.

Anonymous:2013:FMc

[Ano13j] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 43(5):i–ii, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.5.fm`.

Anonymous:2013:TCa

[Ano13k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(1):??, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.toc.pdf`.

Anonymous:2013:TCb

[Ano13l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(2):??, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.toc.pdf`.

Anonymous:2013:TCc

[Ano13m] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(3):iii, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.toc.pdf`.

Anonymous:2013:TCd

[Ano13n] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(4):iii, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.4.toc`.

Anonymous:2013:TCe

[Ano13o] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 43(5):iii, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.5.toc`.

Anonymous:2014:Ca

[Ano14a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 44(1):c1–c2, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.1.cover`.

Anonymous:2014:Cb

[Ano14b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 44(2):c1–c2, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.2.cover`.

Anonymous:2014:Cc

[Ano14c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 44(3):c1–c2, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.3.cover`.

Anonymous:2014:CI

[Ano14d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 44(4):c1–c2, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.4.cover`.

Anonymous:2014:FMa

[Ano14e] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 44(1):i–iii, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X

(electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.1.fm`.

Anonymous:2014:FMb

[Ano14f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 44(2):i–iii, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.2.fm`.

Anonymous:2014:FMc

[Ano14g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 44(3):i–iii, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.3.fm`.

Anonymous:2014:FMd

[Ano14h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 44(4):i–ii, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.4.fm`.

Anonymous:2014:TCa

[Ano14i] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 44(1):ii, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.1.toc`.

Anonymous:2014:TCb

[Ano14j] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 44(2):ii, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.2.toc`.

Anonymous:2014:TCc

[Ano14k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 44(3):ii, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.3.toc`.

Anonymous:2014:TCd

[Ano14l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 44(4):iii, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.4.toc`.

Anonymous:2015:Ca

[Ano15a] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(1):c1–c2, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.cover`.

Anonymous:2015:Cb

[Ano15b] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(2):c1–c2, April 2015.

CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.2.cover.

Anonymous:2015:Cc

[Ano15c] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(3):c1–c2, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.3.cover.

Anonymous:2015:Cd

[Ano15d] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(4):C1–C2, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.4.cover.

Anonymous:2015:Ce

[Ano15e] Anonymous. Cover. *Historical Studies in the Natural Sciences*, 45(5):C1–C2, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.5.cover.

Anonymous:2015:FMa

[Ano15f] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(1):i–ii, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.1.fm.

Anonymous:2015:FMb

[Ano15g] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(2):i–ii, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.2.fm.

Anonymous:2015:FMc

[Ano15h] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(3):i–iii, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.3.fm.

Anonymous:2015:FMd

[Ano15i] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(4):i–iii, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.4.fm.

Anonymous:2015:FMe

[Ano15j] Anonymous. Front matter. *Historical Studies in the Natural Sciences*, 45(5):i–iii, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.5.fm.

Anonymous:2015:TCa

[Ano15k] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(1):iii, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.toc`.

Anonymous:2015:TCb

[Ano15l] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(2):iii, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.2.toc`.

Anonymous:2015:TCc

[Ano15m] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(3):ii, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.3.toc`.

Anonymous:2015:TCd

[Ano15n] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(4):ii, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.4.toc`.

Anonymous:2015:TCe

[Ano15o] Anonymous. Table of contents. *Historical Studies in the Natural Sciences*, 45(5):ii, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.5.toc`.

Anonymous:2017:MJN

[Ano17] Anonymous. Mary Jo Nye publications (1972–2016). *Historical Studies in the Natural Sciences*, 47(3):450–457, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Arbel:2019:FHM

[Arb19] Tal Arbel. Fear in Hebrew: Militarized behaviorism and the cultural politics of science in translation. *Historical Studies in the Natural Sciences*, 49(5):471–503, November 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Armstrong:1948:F

[Arm48] Eva V. Armstrong. Foreword. *Chymia: Annual Studies in the History of Chemistry*, 1(??):ii, ix–xiv, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757109`.

Aronova:2017:RTH

[Aro17] Elena Aronova. Recent trends in the historiography of science in the Cold War. *Historical Studies in the Natural Sciences*, 47(4):568–577, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic).

Ash:2010:EPK

[Ash10] Eric H. Ash, editor. *Expertise: practical knowledge and the early modern state*, volume 25 (second series) of *Osiris, 0369-7827*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-02939-5 (paperback). 259 pp. LCCN Q125 .E89 2010. URL `http://www.journals.uchicago.edu/loi/osiris/`.

Aspden:1980:PUH

[Asp80] Harold Aspden. *Physics unified*. Sabberton Publications, Southampton, UK, 1980. ISBN 0-85056-009-8 (hardcover), 0-85056-010-1 (paperback). xiii + 206 pp. LCCN QC173.7 .A85.

Assmus:1992:AMP

[Ass92a] Alexi Assmus. The Americanization of molecular physics. *Historical Studies in the Physical and Biological Sciences*, 23 (1):1–34, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757691`.

Assmus:1992:MTE

[Ass92b] Alexi Assmus. The molecular tradition in early quantum theory. *Historical Studies in the Physical and Biological Sciences*, 22(2):209–231, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757681`.

Aubin:2020:CMB

[Aub20] David Aubin. Congress mania in Brussels, 1846–1856: Soft power, transnational experts, and diplomatic practices. *Historical Studies in the Natural Sciences*, 50(4):340–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/4/340/111893/Congress-Mania-in-Brussels-1846-1856Soft-Power`.

Augustine:2007:RPE

[Aug07] Dolores L. Augustine. *Red Prometheus: engineering and dictatorship in East Germany, 1945–1990*. Transformations. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-01236-7 (hardcover). xxx + 381 + 4 pp. LCCN TA73.1 .A94 2007. URL `http://www.loc.gov/catdir/toc/ecip078/2007000656.html`.

Achbari:2016:DSG

[AvL16] A. Achbari and F. van Lunteren. Dutch skies, global laws: The British creation of "Buys Ballot's Law". *Historical Studies in the Natural Sciences*, 46(1): 1–43, February 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Ayres:2012:SEL

[Ayr12] P. G. (Peter G.) Ayres. *Shaping ecology: the life of Arthur Tansley*. Wiley-Blackwell, Chich-

ester, West Sussex, UK, 2012. ISBN 0-470-67156-4 (hardcover), 0-470-67154-8 (paperback). xii + 213 pp. LCCN QH31.T37 A87 2012.

Bacon:1965:PAC

[Bac65] Egbert K. Bacon. A precursor of the American Chemical Society — Chandler and the Society of Union College. *Chymia: Annual Studies in the History of Chemistry*, 10(??): 183–197, ???? 1965. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757250`.

Badino:2018:YIS

[Bad18] Massimiliano Badino. And yet it stands: The stability of the solar system in Eighteenth-Century physical astronomy. *Historical Studies in the Natural Sciences*, 48(2):123–179, April 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Baker:1964:HI

[Bak64] A. Albert Baker, Jr. A history of indicators. *Chymia: Annual Studies in the History of Chemistry*, 9(??):147–167, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757238`.

Baldwin:2015:BRA

[Bal15] Melinda Baldwin. Book reviews: Adelene Buckland. *Novel Science: Fiction and the Invention of Nineteenth-Century Geology*. Chicago: University of Chicago Press, 2013. 400 pp., illus., index. ISBN 978-0-22-607968-4. $45 (hardcover). Aileen Fyfe. *Steam-Powered Knowledge: William Chambers and the Business of Publishing, 1820–1860*. Chicago: University of Chicago Press, 2012. xvi + 336 pp., illus., index. ISBN 978-0-22-627651-9. $55 (hardcover). Anna Henchman. *The Starry Sky Within: Astronomy and the Reach of the Mind in Victorian Literature*. Oxford: Oxford University Press, 2014. xvi + 320 pp., illus., index. ISBN 978-0-19-968696-4. $85 (hardcover). James Secord. *Visions of Science: Books and Readers at the Dawn of the Victorian Age*. Chicago: University of Chicago Press, 2014. xiii + 256 pp., illus., index. ISBN 978-0-22-620328-7. $30 (hardcover). *Historical Studies in the Natural Sciences*, 45(4):610–620, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.4.610`.

Barrow:2009:NGC

[Bar09] Mark V. Barrow. *Nature's ghosts: confronting extinction from the age of Jefferson to the age of ecology*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-03815-7 (e-book), 0-226-03814-9. xi + 497 pp. LCCN QL84.2 .B377 2009.

Barahona:2015:MGM

[Bar15] Ana Barahona. Medical genetics in Mexico: The origins of cytogenetics and the health care system. *Historical Studies in the Natural Sciences*, 45(1): 147–173, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.147`.

Barany:2016:FTT

[Bar16] Michael J. Barany. Fellow travelers and traveling fellows: The intercontinental shaping of modern mathematics in mid-twentieth century Latin America. *Historical Studies in the Natural Sciences*, 46(5):669–709, November 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Barany:2018:IPW

[Bar18] Michael J. Barany. Integration by parts: Wordplay, abuses of language, and modern mathematical theory on the move. *Historical Studies in the Natural Sciences*, 48(3):259–299, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Bauchner:2021:FWE

[Bau21] Joshua Bauchner. Fechner on a walk: Everyday investigations of the mind–body relationship. *Historical Studies in the Natural Sciences*, 51(1):1–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/1/116282/Fechner-on-a-WalkEveryday-Investigations-of-the`.

Brown:1991:SBS

[BC91] Laurie M. Brown and Tian Yu Cao. Spontaneous breakdown of symmetry: Its rediscovery and integration into quantum field theory. *Historical Studies in the Physical and Biological Sciences*, 21(2):211–235, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757663`.

Brush:1969:MOR

[BE69] S. G. Brush and C. W. F. Everitt. Maxwell, Osborne Reynolds, and the radiometer. *Historical Studies in the Physical Sciences*, 1(??): 105–125, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757296`.

Becher:1980:WWC

[Bec80] Harvey W. Becher. William Whewell and Cambridge mathematics. *Historical Studies in the Physical Sciences*, 11 (1):1–48, ???? 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757470`.

Beck:2023:SFP

[Bec23] Pieter T. L. Beck. Strong foundations: Petrus van Musschenbroek's experimental research on the strength of materials. *Historical Studies in the Natural Sciences*, 53(2):109–??, April 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/2/109/196001/Strong-FoundationsPetrus-van-Musschenbroek-s`.

Belhoste:2011:PSP

[Bel11] Bruno Belhoste. *Paris savant: parcours et rencontres au temps des lumières. (French) [Paris learned: pathways and meetings at the time of the Enlightenment]*. Colin, Paris, France, 2011. ISBN 2-200-25563-2. 310 pp. LCCN Q127.F8 B44 2011. URL `http://www.loc.gov/catdir/toc/fy12pdf03/2012428139.html`.

Bellon:2018:ECT

[Bel18] Richard Bellon. Emotional comfort and theoretical necessity: Sex and gender in the age of Darwin. *Historical Studies in the Natural Sciences*, 48(2):246–257, April 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Benson:2001:SCS

[Ben01] Keith R. Benson. Summer camp, seaside station, and marine laboratory: Marine biology and its institutional identity. *Historical Studies in the Physical and Biological Sciences*, 32 (1):11–18, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Benson:2012:ESR

[Ben12] Etienne Benson. Endangered science: The regulation of research by the U.S. Marine Mammal Protection and Endangered Species Acts. *Historical Studies in the Natural Sciences*, 42 (1):30–61, February 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.1.30`.

Bernstein:1982:MJR

[Ber82] Barton J. Bernstein. In the matter of J. Robert Oppenheimer. *Historical Studies in the Physical Sciences*, 12(2): 195–252, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757496`.

Bernstein:1988:FPB

[Ber88] Barton J. Bernstein. Four physicists and the bomb: The early years, 1945–1950. *Historical Studies in the Physical and Biological Sciences*, 18(2): 231–263, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757603`.

Bertozzi:2019:ECR

[Ber19] Eugenio Bertozzi. Establishing and consolidating a research field: The biography of the Wilson cloud chamber in the history of particle physics. *Historical Studies in the Natural Sciences*, 49(2):117–150, April 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Beyer:2000:SB

[Bey00] Kurt Beyer. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 31(1):175–??, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Beyer:2001:SB

[Bey01] Kurt W. Beyer. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 31(2):381–387, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Beyer:2002:SB

[Bey02] Kurt Beyer. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 32(2):409–416, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Beyler:2011:TWS

[Bey11] Richard H. Beyler. Three ways to spend some time in the historiographical metropolis. *Historical Studies in the Natural Sciences*, 41(3):354–364, Summer 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.3.354`.

BernalVillegas:2010:IRR

[BG10] J. E. (Jaime E.) Bernal Villegas and Alberto Gómez Gutiérrez. *A impulsos de una rara resolución: el viaje de José Celestino Mutis al Nuevo Reino de Granada, 1760–1763*. Pontificia Universidad Javeriana, Bogotá, Colombia, 2010. ISBN 958-716-326-5. 352 pp. LCCN F2261 .B47 2010.

Byrne:2013:DGB

[BG13] Eugene Byrne and Simon Gurr. *Darwin: a graphic biography: the really exciting and dramatic story of a man who mostly stayed at home and wrote some books*. Smithsonian Books, Washington, DC, 2013. ISBN 1-58834-352-9 (paperback). 96 pp. LCCN QH31.D2 B97 2013.

BernalVillegas:2008:MCM

[BGC08] J. E. (Jaime E.) Bernal Villegas, Alberto Gómez Gutiérrez, and José Celestino. *Medicina científica mutisiana: estudio elaborado a partir de un documento médico inédito de José Celestino Mutis y Bosio, escrito en Madrid en 1759 y conservado hoy en el Archivo Histórico Javeriano de Bogotá*. Editorial Pontificia Universidad Javeriana, Bogotá, Colombia, 2008.

ISBN 958-716-135-1. 144 pp. LCCN QP21 .B45 2008.

Brooke:2007:RMC

[BH07] John Hedley Brooke and Peter Harman. Russell McCormmach as a colleague. *Historical Studies in the Physical and Biological Sciences*, 37(2): 475–478, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Bodnarczuk:2008:MPP

[BH08] Mark Bodnarczuk and Lillian Hoddeson. Megascience in particle physics: The birth of an experiment string at Fermilab. *Historical Studies in the Natural Sciences*, 38(4):508–534, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Biagioli:2012:PIK

[Bia12] Mario Biagioli. Productive illusions: Kuhn's structure as a recruitment tool. *Historical Studies in the Natural Sciences*, 42(5):479–484, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.479.pdf`.

Bian:2022:SRE

[Bia22] He Bian. Science and really existing socialism in Maoist China: a review of recent works. *Historical Studies in the Natural Sciences*, 52(2):265–??, April 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/2/265/144552/Science-and-Really-Existing-Socialism-in-Maoist`.

Bimm:2021:AMA

[Bim21] Jordan Bimm. Andean man & the astronaut: Race and the 1958 Mount Evans Acclimatization Experiment. *Historical Studies in the Natural Sciences*, 51(3):285–??, June 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/3/285/117359/Andean-Man-amp-the-AstronautRace-and-the-1958`.

Buchwald:2010:ZPH

[BJ10] Jed Z. Buchwald and Diane Greco Josefowicz. *The zodiac of Paris: how an improbable controversy over an ancient Egyptian artifact provoked a modern debate between religion and science*. Princeton University Press, Princeton, NJ, USA, 2010. ISBN 0-691-14576-8. vi + 428 + 8 pp. LCCN Q127.E8 B83 2010.

Bagdonas:2021:FOB

[BK21] Alexandre Bagdonas and Alexei Kojevnikov. Funny origins of the Big Bang Theory. *Historical Studies in the Natural Sciences*, 51(1):87–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (elec-

tronic). URL https://online.ucpress.edu/hsns/article/51/1/87/116291/Funny-Origins-of-the-Big-Bang-Theory.

Bleichmar:2012:VEB

[Ble12] Daniela Bleichmar. *Visible empire: botanical expeditions and visual culture in the Hispanic Enlightenment*. University of Chicago Press, Chicago, IL, USA, 2012. ISBN 0-226-05853-0 (hardcover). xii + 286 pp. LCCN QK21.S7 B54 2012.

Barrera-Osorio:2006:ENS

[BO06] Antonio Barrera-Osorio. *Experiencing nature: the Spanish American empire and the early scientific revolution*. University of Texas Press, Austin, TX, USA, 2006. ISBN 0-292-70981-1. xi + 211 pp. LCCN Q127.L38 B37 2006. URL http://www.loc.gov/catdir/enhancements/fy0622/2005011166-d.html; http://www.loc.gov/catdir/toc/ecip0512/2005011166.html.

Bolman:2022:AHR

[Bol22] Brad Bolman. In the animal house: Rabies, labor, and salvage dogs in Jim Crow Birmingham. *Historical Studies in the Natural Sciences*, 52(5):589–??, November 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/52/5/589/194656/In-the-Animal-HouseRabies-Labor-and-Salvage-Dogs.

Borrello:2010:ERC

[Bor10] Mark E. Borrello. *Evolutionary restraints: the contentious history of group selection*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-06701-7 (hardcover). xi + 215 pp. LCCN QH376 .B67 2010.

Bouk:2012:BRT

[Bou12] Dan Bouk. Book review: Tocqueville's ghost: *Alexander Dallas Bache: Building the American Nation through Science and Education in the Nineteenth Century*, by Axel Jansen; *A Democracy of Facts: Natural History in the Early Republic*, by Andrew J. Lewis; *Scientists and Swindlers: Consulting on Coal and Oil in America, 1820–1890*, by Paul Lucier. *Historical Studies in the Natural Sciences*, 42(4):329–339, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2012.42.4.329.

Bouk:2018:NDC

[Bou18] Dan Bouk. The national data center and the rise of the data double. *Historical Studies in the Natural Sciences*, 48(5):627–636, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Bowler:2009:SAP

[Bow09] Peter J. Bowler. *Science for all: the popularization of science in early twentieth-century Britain*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-06866-8 (e-book), 0-226-06863-3 (hardcover). x + 339 pp. LCCN Q225.2.G7 B69 2009. URL `http://proxy2.hec.ca/login?url=http://site.ebrary.com/lib/hecm/Doc?id=10354019`.

Brown:1994:FTN

[BR94] Laurie M. Brown and Helmut Rechenberg. Field theories of nuclear forces in the 1930s: The Fermi-Field theory. *Historical Studies in the Physical and Biological Sciences*, 25(1):1–24, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Brain:2015:BRD

[Bra15] Stephen Brain. Book reviews: Dark green: The gloomy side of environmentalism: Peder Anker. *From Bauhaus to Eco-House: A History of Ecological Design*. Baton Rouge: Louisiana State University Press, 2010. viii + 188 pp., illus., index. ISBN 978-0-8071-3551-8. $34.95 (cloth).; Jacob Hamblin. *Arming Mother Nature: The Birth of Catastrophic Environmentalism*. New York: Oxford University Press, 2013. x + 298 pp., index. ISBN 978-0-19-974005-5. $29.95 (cloth).; Edwin A. Martini. *Agent Orange: History, Science, and the Politics of Uncertainty*. Amherst: University of Massachusetts Press, 2012. xvi + 302 pp., illus., index. ISBN 978-1-55849-975-1. $24.95 (paper).; Rebecca Priestley. *Mad on Radium: New Zealand in the Atomic Age*. Auckland, NZ: University of Auckland Press, 2012. xii + 284 pp., illus., index. ISBN 978-1-86940-727-8. $34.95 (paper). *Historical Studies in the Natural Sciences*, 45(2):340–347, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.2.340`.

Brick:2015:BRR

[Bri15] Howard Brick. Book reviews: Betwixt, between, and all together: The curious careers of new sciences: *Working Knowledge: Making the Human Sciences from Parsons to Kuhn* by Joel Isaac; *Misbehaving Science: Controversy and the Development of Behavior Genetics* by Aaron Panofsky; *The Democratic Surround: Multimedia & American Liberalism from World War II to the Psychedelic Sixties* by Fred Turner. *Historical Studies in the Natural Sciences*, 45(5):805–815, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.5.805`.

Browne:1948:RAI

[Bro48] C. A. Browne. Recently acquired information concerning Fredrick Accum, 1769–1838. *Chymia: Annual Studies in the History of Chemistry*, 1(??): 1–9, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757110`.

Brown:1969:ECE

[Bro69] Theodore M. Brown. The electric current in early Nineteenth-Century French physics. *Historical Studies in the Physical Sciences*, 1(??):61–103, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757295`.

Bromberg:1971:INB

[Bro71] Joan Bromberg. The impact of the neutron: Bohr and Heisenberg. *Historical Studies in the Physical Sciences*, 3(??): 307–341, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757321`.

Brooke:1975:LGP

[Bro75] John Hedley Brooke. Laurent, Gerhardt, and the philosophy of chemistry. *Historical Studies in the Physical Sciences*, 6 (??):405–429, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757345`.

Bromberg:1976:CPC

[Bro76] Joan Bromberg. The concept of particle creation before and after quantum mechanics. *Historical Studies in the Physical Sciences*, 7(??):161–191, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757356`.

Brown:2007:BHB

[Bro07] Cynthia Stokes Brown. *Big history: from the Big Bang to the present*. New Press, New York, NY, USA, 2007. ISBN 1-59558-196-0, 1-59558-414-5 (paperback), 1-59558-558-3 (e-book). xvi + 288 pp. LCCN D20 .B77 2007. URL `http://www.loc.gov/catdir/toc/ecip0711/2007006741.html`.

Bromberg:2008:NIM

[Bro08] Joan Lisa Bromberg. New instruments and the meaning of quantum mechanics. *Historical Studies in the Natural Sciences*, 38(3):325–352, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Broman:2014:BRW

[Bro14] Thomas Broman. Book review: Working knowledge technical practices, social identities, and expertise in early modern Europe Pamela O. Long. *Artisan/Practitioners and the Rise of the New Sciences, 1400–1600*. Corvallis: Oregon State University Press, 2011. xii + 196 pp.,

illus., index. ISBN 978-0-87071-609-6. $22.95 (paper).; Eric L. Ash, ed. *Expertise: Practical Knowledge and the Early Modern State*. Osiris 2nd Series, vol. 25. Chicago: University of Chicago Press, 2010. 259 pp., illus., index. ISBN 978-0-226-02939-9. $33.00 (paper).; Chandra Mukerji. *Impossible Engineering: Technology and Territoriality on the Canal du Midi*. Princeton, NJ: Princeton University Press, 2009. xix + 304 pp., illus., index. ISBN 978-0-691-14032-2. $42.00 (hardcover). *Historical Studies in the Natural Sciences*, 44 (1):80–89, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.1.80`.

Brookhuis:2023:MBB

[Bro23] Hein Brookhuis. Making Belgian Big Science: A history of the MYRRHA research reactor (1994–2010). *Historical Studies in the Natural Sciences*, 53 (1):35–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/35/195533/Making-Belgian-Big-ScienceA-History-of-the-MYRRHA`.

Brush:1987:RWE

[Bru87] Stephen G. Brush. Review: Whole Earth history. *Historical Studies in the Physical and Biological Sciences*, 17(2):345–355, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757586`.

Bruno:2003:BNB

[Bru03] Laura A. Bruno. The bequest of the nuclear battlefield: Science, nature, and the atom during the first decade of the Cold War. *Historical Studies in the Physical and Biological Sciences*, 33 (2):237–260, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Brush:2007:HIB

[Bru07] Stephen G. Brush. How ideas became knowledge: The light-quantum hypothesis 1905–1935. *Historical Studies in the Physical and Biological Sciences*, 37 (2):205–246, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Bonneui:2010:PLV

[BT10] Christophe Bonneui and Frederic Thomas. Purifying landscapes: The Vichy Regime and the genetic modernization of France. *Historical Studies in the Natural Sciences*, 40(4):532–568, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2010.40.4.532`.

Bub:2019:IQW

[Bub19] Jeffrey Bub. Interpreting the quantum world: Old questions and new answers. *Historical Studies in the Natural Sciences*, 49(2):226–239, April 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Buchwald:1977:WTM

[Buc77] Jed Z. Buchwald. William Thomson and the mathematization of Faraday's electrostatics. *Historical Studies in the Physical Sciences*, 8(??): 101–136, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757369`.

Buchwald:2012:KSF

[Buc12] Jed Z. Buchwald. Kuhn's structure four and a half decades later. *Historical Studies in the Natural Sciences*, 42(5):485–490, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.485.pdf`.

Buckland:2013:NSF

[Buc13] Adelene Buckland. *Novel science: fiction and the invention of nineteenth-century geology*. University of Chicago Press, Chicago, IL, USA, 2013. ISBN 0-226-07968-6 (hardcover), 0-226-92363-0 (e-book). 377 pp. LCCN PR468.G38 B83 2013.

Bud:2007:PTT

[Bud07] Robert Bud. *Penicillin: triumph and tragedy*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2007. ISBN 0-19-925406-0. ix + 330 pp. LCCN RM666.P35 B83 2007. URL `http://www.loc.gov/catdir/enhancements/fy0725/2006102287-d.html`; `http://www.loc.gov/catdir/toc/ecip077/2006102287.html`.

Buehler:1953:PUE

[Bue53] Curt F. Buehler. A projected but unpublished edition of the "*Life and Works*" of Robert Boyle. *Chymia: Annual Studies in the History of Chemistry*, 4(??):79–83, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757163`.

Bugos:1989:MCR

[Bug89] Glenn E. Bugos. Managing cooperative research and borderland science in the National Research Council, 1922–1942. *Historical Studies in the Physical and Biological Sciences*, 20(1): 1–32, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757633`.

Bugos:1992:ROQ

[Bug92] Glenn E. Bugos. Review: The organization of the quest for certainty. *Historical Studies in the Physical and Biological*

Sciences, 23(1):181–191, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757694`.

Burchfield:1982:RBA

[Bur82] Joe D. Burchfield. Review: The British Association and its historians. *Historical Studies in the Physical Sciences*, 13(1): 165–174, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757510`.

Burgos:2006:BSL

[Bur06] Marcelo Baumann Burgos. Brazilian synchrocyclotron light. *Historical Studies in the Physical and Biological Sciences*, 36(2):329–341, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Butler:1994:RMP

[But94] Loren Butler. Robert S. Mulliken and the politics of science and scientists, 1939–1946. *Historical Studies in the Physical and Biological Sciences*, 25 (1):25–45, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Bensaude-Vincent:2001:CDM

[BV01] Bernadette Bensaude-Vincent. The construction of a discipline: Materials science in the United States. *Historical Studies in the Physical and Biological Sciences*, 31(2):223–248, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Bacciagaluppi:2009:QTC

[BV09] Guido Bacciagaluppi and Antony Valentini, editors. *Quantum theory at the crossroads: reconsidering the 1927 Solvay conference*. Cambridge University Press, Cambridge, UK, 2009. ISBN 0-521-81421-9 (hardcover). LCCN QC173.96 .B33 2009. URL `http://www.loc.gov/catdir/toc/ecip0817/2008019585.html`.

Bycroft:2013:WAV

[Byc13] Michael Bycroft. Wonders in the Academy: The value of strange facts in the experimental research of Charles Dufay. *Historical Studies in the Natural Sciences*, 43(3): 334–370, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.334.pdf`.

Bykov:1965:HSE

[Byk65] G. V. Bykov. Historical sketch of the electron theories of organic chemistry. *Chymia: Annual Studies in the History of Chemistry*, 10(??):199–253, ???? 1965. CODEN CHYMAP. ISSN 0095-9367.

URL http://www.jstor.org/stable/27757251.

Casado:2014:VSN

[CA14] Santos Casado and Santiago Aragón. Vignettes of Spanish nature: Imagining a national fauna at the Museo Nacional de Ciencias Naturales, Madrid (1910–1936). *Historical Studies in the Natural Sciences*, 44 (3):197–233, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2014.44.3.197.

Cahan:1982:WSO

[Cah82] David Cahan. Werner Siemens and the origin of the Physikalisch-Technische Reichsanstalt, 1872–1887. *Historical Studies in the Physical Sciences*, 12(2):253–283, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757497.

Cahan:1985:IRG

[Cah85] David Cahan. The institutional revolution in German physics, 1865–1914. *Historical Studies in the Physical Sciences*, 15 (2):1–65, ???? 1985. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757549.

Cahan:1988:RPP

[Cah88] David Cahan. Review: Pride and prejudice in the history of physics: The German-speaking world, 1740–1945. *Historical Studies in the Physical and Biological Sciences*, 19(1):173–191, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757620.

Cahan:2004:HSA

[Cah04] David Cahan. Helmholtz and the shaping of the American physics elite in the Gilded Age. *Historical Studies in the Physical and Biological Sciences*, 35 (1):1–34, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Camprubi:2010:OGO

[Cam10] Lino Camprubí. One grain, one nation: Rice genetics and the corporate state in early Francoist Spain (1939–1952). *Historical Studies in the Natural Sciences*, 40(4):499–531, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2010.40.4.499.

Camprubi:2016:RIG

[Cam16] Lino Camprubí. Review: *The Invention of the Global Environment. Historical Studies in the Natural Sciences*, 46(2):243–251, April 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Camprubi:2020:BBE

[Cam20] Lino Camprubí. Birds without borders: Ecological diplomacy and the WWF in Franco's Spain. *Historical Studies in the Natural Sciences*, 50(4):433–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/4/433/111897/Birds-Without-BordersEcological-Diplomacy-and-the`.

Campagnolo:2022:HWG

[Cam22] Gian Marco Campagnolo. How to win games and influence football players. *Historical Studies in the Natural Sciences*, 52 (1):120–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/120/120497/How-to-Win-Games-and-Influence-Football-Players`.

Cantor:1975:RWT

[Can75] Geoffrey Cantor. The reception of the wave theory of light in Britain: a case study illustrating the role of methodology in scientific debate. *Historical Studies in the Physical Sciences*, 6(??):109–132, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757341`.

Caneva:1978:GET

[Can78] Kenneth L. Caneva. From Galvanism to electrodynamics: The transformation of German physics and its social context. *Historical Studies in the Physical Sciences*, 9(??):63–159, ???? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757377`.

Caneva:1997:CRM

[Can97] Kenneth L. Caneva. Colding, Ørsted, and the meanings of force. *Historical Studies in the Physical and Biological Sciences*, 28(1):1–138, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Caneva:2005:DSC

[Can05] Kenneth L. Caneva. 'Discovery' as a site for the collective construction of scientific knowledge. *Historical Studies in the Physical and Biological Sciences*, 35(2):175–291, March 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Candela:2021:DV

[Can21] Emily Candela. Designing the virus. *Historical Studies in the Natural Sciences*, 51(1):140–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/140/116284/Designing-the-Virus`.

Carson:1999:NMS

[Car99] Cathryn Carson. New models for science in politics: Heisenberg in West Germany. *Historical Studies in the Physical and Biological Sciences*, 30(1): 115–171, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Carson:2020:CD

[Car20] Cathryn Carson. Clouds of data. *Historical Studies in the Natural Sciences*, 50(1–2):81–89, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Cassidy:1979:HFC

[Cas79] David C. Cassidy. Heisenberg's first core model of the atom: The formation of a professional style. *Historical Studies in the Physical Sciences*, 10 (??):187–224, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757390`.

Cassidy:1981:CRS

[Cas81] David C. Cassidy. Cosmic ray showers, high energy physics, and quantum field theories: Programmatic interactions in the 1930s. *Historical Studies in the Physical Sciences*, 12 (1):1–39, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757488`.

Cassidy:1983:RRG

[Cas83] David C. Cassidy. Review: Recent German perspectives on German technical education. *Historical Studies in the Physical Sciences*, 14(1): 187–200, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757529`.

Cassidy:1986:RUH

[Cas86] David Cassidy. Review: Understanding the history of Special Relativity. *Historical Studies in the Physical and Biological Sciences*, 16(1):177–188, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757561`.

Cassidy:1994:CGS

[Cas94] David Cassidy. Controlling German science, I: U.S. and Allied forces in Germany, 1945–1947. *Historical Studies in the Physical and Biological Sciences*, 24 (2):197–235, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Cassidy:1996:CGS

[Cas96] David Cassidy. Controlling German science, II: Bizonal occupation and the struggle over West German science policy, 1946–1949. *Historical Studies in the Physical and Biological Sciences*, 26(2):197–239, ???? 1996. CODEN HSPSEW.

ISSN 0890-9997 (print), 1533-8355 (electronic).

Castonguay:2001:ERS

[Cas01] Stephane Castonguay. The emergence of research specialties in economic entomology in Canadian government laboratories after World War II. *Historical Studies in the Physical and Biological Sciences*, 32(1): 19–40, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Cassidy:2007:OFP

[Cas07] David C. Cassidy. Oppenheimer's first paper: Molecular band spectra and a professional style. *Historical Studies in the Physical and Biological Sciences*, 37(2):247–270, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Case:2009:ISM

[Cas09a] Stephen Case. 'Insufferably stupid or miserably out of place': F. A. P. Barnard and his scientific instrument collection in the Antebellum South. *Historical Studies in the Natural Sciences*, 39(4):418–443, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Cassidy:2009:BUH

[Cas09b] David C. Cassidy. *Beyond uncertainty: Heisenberg, quantum physics, and the bomb*. Bellevue Literary Press, New York, NY, USA, 2009. ISBN 1-934137-13-8. 480 pp. LCCN QC16.W518 C37 2008.

Cat:1998:PDU

[Cat98] Jordi Cat. The physicists' debates on unification in physics at the end of the 20th Century. *Historical Studies in the Physical and Biological Sciences*, 28 (2):253–300, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Cockburn:1981:OLT

[CE81] Stewart Cockburn and David Ellyard. *Oliphant, the life and times of Sir Mark Oliphant*. Axiom Books, Adelaide, SA, Australia, 1981. ISBN 0-9594164-0-4. xviii + 369 pp. LCCN QC16.O46 C6 1981.

Creager:1996:MSE

[CG96] Angela N. H. Creager and Jean-Paul Gaudillière. Meanings in search of experiments and vice-versa: The invention of allosteric regulation in Paris and Berkeley (1959–1968). *Historical Studies in the Physical and Biological Sciences*, 27(1):1–89, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Carlsson-Hyslop:2016:PPB

[CH16] Anna Carlsson-Hyslop. Patronage and practice in British oceanography: The mixed patronage of storm surge science

at the Liverpool Tidal Institute, 1919–1959. *Historical Studies in the Natural Sciences*, 46(3):270–312, June 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Chayut:1993:NSS

[Cha93] Michael Chayut. New sites for scientific change: Paul Flory's initiation into polymer chemistry. *Historical Studies in the Physical and Biological Sciences*, 23(2):193–218, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757698`.

Chayut:1994:BJL

[Cha94] Michael Chayut. From Berlin to Jerusalem: Ladislaus Farkas and the founding of physical chemistry in Israel. *Historical Studies in the Physical and Biological Sciences*, 24(2):237–263, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Chang:2001:SAQ

[Cha01] Hasok Chang. Spirit, air, and quicksilver: The search for the 'real' scale of temperature. *Historical Studies in the Physical and Biological Sciences*, 31(2): 249–284, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Charmantier:2011:CLV

[Cha11] Isabelle Charmantier. Carl Linnaeus and the visual representation of nature. *Historical Studies in the Natural Sciences*, 41(4):365–404, November 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.4.405`.

Chang:2012:WHE

[Cha12] Hasok Chang. *Is Water H_2O?: Evidence, Realism and Pluralism*, volume 293 of *Boston Studies in the Philosophy and History of Science*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2012. ISBN 94-007-3931-1, 94-007-3932-X (e-book). ISSN 0068-0346. xxi + 316 pp. LCCN QD169.W3 C43 2012. URL `https://link.springer.com/book/10.1007/978-94-007-3932-1`.

Charenko:2020:RCP

[Cha20] Melissa Charenko. Reconstructing climate: Paleoecology and the limits of prediction during the 1930s Dust Bowl. *Historical Studies in the Natural Sciences*, 50(1–2):90–128, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Choi:2012:BRD

[Cho12] Hyungsub Choi. Book review: Designing and redesigning artifacts and institutions: *Hitting*

the Brakes: Engineering Design and the Production of Knowledge, by Ann Johnson; *Makers of the Microchip: A Documentary History of Fairchild Semiconductor*, by Christophe Lécuyer and David C. Brock; *Velvet Revolution at the Synchrotron: Biology, Physics, and Change in Science*, by Park Doing; *Becoming MIT: Moments of Decision*, by David Kaiser. *Historical Studies in the Natural Sciences*, 42(4):322–328, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.4.322`; `https://www.math.utah.edu/pub/tex/bib/hsns.bib`.

Christian:2011:MTI

[Chr11] David Christian. *Maps of time: an introduction to big history*, volume 2 of *The California world history library*. University of California Press, Berkeley, CA, USA, 2011. ISBN 0-520-24476-1, 0-520-27144-0, 0-520-95067-4 (e-book). xxvii + 642 pp. LCCN CB19 .C47 2011eb. URL `http://site.ebrary.com/lib/princeton/Doc?id=10496862`.

Churchill:1967:SCE

[Chu67] Mary S. Churchill. The seven chapters, with explanatory notes. *Chymia: Annual Studies in the History of Chemistry*, 12(??):27, 29–57, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757273`.

Cittadino:2015:PSP

[Cit15] Eugene Cittadino. Paul Sears and the Plowshare Advisory Committee: "subversive" ecologist endorses nuclear excavation? *Historical Studies in the Natural Sciences*, 45(3):397–446, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.3.397`.

Carazza:1990:ARM

[CK90] Bruno Carazza and Helge Kragh. Augusto Righi's magnetic rays: a failed research program in early 20th-Century physics. *Historical Studies in the Physical and Biological Sciences*, 21(1):1–28, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757653`.

Creager:2007:SLM

[CLW07] Angela N. H. Creager, Elizabeth Lunbeck, and M. Norton Wise, editors. *Science without laws: model systems, cases, exemplary narratives*. Science and cultural theory. Duke University Press, Durham, NC, USA, 2007. ISBN 0-8223-4046-1 (cloth), 0-8223-4068-2 (paperback). 287 pp. LCCN QH324.8 .S25 2007. URL `http://www.loc.gov/catdir/toc/ecip0710/2007006303.html`.

Coen:2002:SEN

[Coe02] Deborah R. Coen. Scientists' errors, nature's fluctuations, and the Law of Radioactive Decay, 1899–1926. *Historical Studies in the Physical and Biological Sciences*, 32(2):179–205, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Coen:2007:VAU

[Coe07] Deborah R. Coen. *Vienna in the age of uncertainty: science, liberalism, and private life*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-11172-5 (cloth). xi + 380 pp. LCCN DB844.E98 C64 2007. URL `http://www.loc.gov/catdir/enhancements/fy0707/2007003723-b.html`; `http://www.loc.gov/catdir/enhancements/fy0707/2007003723-d.html`; `http://www.loc.gov/catdir/toc/ecip0710/2007003723.html`.

Coen:2010:BRW

[Coe10] Deborah R. Coen. Book reviews: Weatherwiser? Matthew Mulcahy. *Hurricanes and Society in the British Greater Caribbean, 1624–1783*. Baltimore: Johns Hopkins University Press, 2006. ix + 257 pp., illus., index. ISBN 978-0-801-89079-6. $25.00 (paper). Jan Golinski. *British Weather and the Climate of Enlightenment*. Chicago: University of Chicago Press, 2007. xv + 284 p., illus., index. ISBN: 978-0-226-30205-8. $35.00 (cloth). Fabien Locher. *Le savant et la tempête: Étudier l'atmosphère et prévoir le temps au XIXe siècle*. Presses Universitaires Rennes, 2008. 221 pp., illus. ISBN 978-2-753-50696-1. $25.44 (paper). Kristine C. Harper. *Weather by the Numbers: The Genesis of Modern Meteorology*. Cambridge, MA: MIT Press, 2008. ix + 308 pp., illus., index. ISBN 978-0-262-08378-2. $40.00 (cloth). *Historical Studies in the Natural Sciences*, 40(1):125–135, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Coen:2021:EMH

[Coe21] Deborah R. Coen. The experimental multispecies household. *Historical Studies in the Natural Sciences*, 51(3):330–??, June 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/3/330/117356/The-Experimental-Multispecies-Household`.

Coffey:2006:CFE

[Cof06] Patrick Coffey. Chemical free energies and the Third Law of Thermodynamics. *Historical Studies in the Physical and Biological Sciences*, 36(2):365–396, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Cohen:1950:BCI

[Coh50] I. Bernard Cohen. The beginning of chemical instruction in America: a brief account of the teaching of chemistry at Harvard prior to 1800. *Chymia: Annual Studies in the History of Chemistry*, 3(??):17–44, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757144`.

Collins:2003:LBB

[Col03] H. M. Collins. LIGO becomes big science. *Historical Studies in the Physical and Biological Sciences*, 33(2):261–297, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Coleman:2010:BEE

[Col10] David C. Coleman. *Big ecology: the emergence of ecosystem science*. University of California Press, Berkeley, CA, USA, 2010. ISBN 0-520-26475-4 (hardcover). xii + 236 pp. LCCN QH541.2 .C63 2010.

Conway:2006:DDS

[Con06] Erik M. Conway. Drowning in data: Satellite oceanography and information overload in the Earth sciences. *Historical Studies in the Physical and Biological Sciences*, 37(1): 127–151, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Conway:2011:IES

[Con11] Erik M. Conway. Infrastructures of Earth and sky. *Historical Studies in the Natural Sciences*, 41(3):344–353, Summer 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.3.344`.

Cook:2007:MEC

[Coo07a] Harold John Cook. *Matters of exchange: commerce, medicine, and science in the Dutch Golden Age*. Yale University Press, New Haven, CT, USA, 2007. ISBN 0-300-11796-5. xiv + 562 pp. LCCN Q127.N2 C66 2007. URL `http://www.loc.gov/catdir/toc/ecip0619/2006026973.html`.

Cooper:2007:IIL

[Coo07b] Alix Cooper. *Inventing the indigenous: local knowledge and natural history in early modern Europe*. Cambridge University Press,
Cambridge, UK, 2007. ISBN 0-521-87087-9 (hardcover). xiii + 218 pp. LCCN GR880 .C67 2007. URL `http://www.loc.gov/catdir/enhancements/fy0703/2006037259-d.html`; `http://www.loc.gov/catdir/enhancements/fy0703/2006037259-t.html`; `http://www.loc.gov/catdir/enhancements/fy0729/2006037259-b.html`.

Cook:2012:SCA

[Coo12] Harold J. Cook. Science as culture: An American viewpoint. *Historical Studies in the Natural Sciences*, 42(5):491–495, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.491.pdf`.

Cooper:2019:RSF

[Coo19] Austin R. Cooper. "A ray of sunshine on French tables": Citrus fruit, colonial agronomy, and French rule in Algeria (1930–1962). *Historical Studies in the Natural Sciences*, 49(3): 241–272, June 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Cowles:2017:HN

[Cow17] Henry M. Cowles. History naturalized. *Historical Studies in the Natural Sciences*, 47(1):107–116, February 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Carson:1999:EF

[CPWW99] Cathryn Carson, Ethan Pollock, Peter Westwick, and James H. Williams. Editors' foreword. *Historical Studies in the Physical and Biological Sciences*, 30 (1):i–??, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Carney:2009:SSA

[CR09] Judith Ann Carney and Richard Nicholas Rosomoff. *In the shadow of slavery: Africa's botanical legacy in the Atlantic world*. University of California Press, Berkeley, CA, USA, 2009. ISBN 0-520-25750-2 (hardcover). xiv + 280 + 7 pp. LCCN E29.N3 C375 2009.

Camprubi:2016:GOC

[CR16] Lino Camprubí and Sam Robinson. A gateway to ocean circulation: Surveillance and sovereignty at Gibraltar. *Historical Studies in the Natural Sciences*, 46(4):429–459, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Cowles:2021:ERI

[CR21] Henry M. Cowles and Chitra Ramalingam. Essays & reviews: Introduction. *Historical Studies in the Natural Sciences*, 51(1):138–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/138/116283/Essays-amp-ReviewsIntroduction`.

Cowles:2022:I

[CR22] Henry M. Cowles and Chitra Ramalingam. Introduction. *Historical Studies in the Natural Sciences*, 52(1):118–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https:`

//online.ucpress.edu/hsns/article/52/1/118/120495/Introduction.

Crawford:2000:GSH

[Cra00] Elisabeth Crawford. German scientists and Hitler's vendetta against the Nobel prizes. *Historical Studies in the Physical and Biological Sciences*, 31 (1):37–53, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Crelinsten:1983:WWC

[Cre83] Jeffrey Crelinsten. William Wallace Campbell and the "Einstein Problem": An observational astronomer confronts the Theory of Relativity. *Historical Studies in the Physical Sciences*, 14(1):1–91, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757525.

Creager:1995:FR

[Cre95] Angela N. Creager. In the fly room. *Historical Studies in the Physical and Biological Sciences*, 25(2):357–360, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Crease:2001:AHH

[Cre01] Robert P. Crease. Anxious history: The High Flux Beam Reactor and Brookhaven National Laboratory. *Historical Studies in the Physical and Biological Sciences*, 32(1):41–56, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Crease:2008:RSB

[Cre08] Robert P. Crease. Recombinant science: The birth of the Relativistic Heavy Ion Collider (RHIC). *Historical Studies in the Natural Sciences*, 38(4):535–568, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Creager:2015:RCM

[Cre15] Angela N. H. Creager. Radiation, cancer, and mutation in the Atomic Age. *Historical Studies in the Natural Sciences*, 45(1):14–48, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.1.14.

Creager:2020:FB

[Cre20] Angela N. H. Creager. Finding the biological. *Historical Studies in the Natural Sciences*, 50(1–2):74–80, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Cropper:1988:JJW

[Cro88] William H. Cropper. James Joule's work in electrochemistry and the emergence of the First Law of Thermodynamics. *Historical Studies in the Physical and Biological Sciences*, 19(1): 1–15, ???? 1988. CODEN

HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757615`.

Crozier:2007:PCM

[Cro07] Anna Crozier. *Practising colonial medicine: the Colonial Medical Service in British East Africa*. I. B. Tauris, London, UK, 2007. ISBN 1-84511-459-0. xiv + 225 pp. LCCN RA395.A353 C76 2007.

Crowe:2020:BRE

[Cro20] Nathan Crowe. Book reviews: The engineering ideal: Loeb's ghost, or something else?, Luis A. Campos, *Radium and the Secret of Life*. Chicago: University of Chicago Press, 2015. 378 pp., illus., index. ISBN 978-0-226-41874-2. $35.00 (paper). Helen Anne Curry, *Evolution Made to Order: Plant Breeding and Technological Innovation in Twentieth Century America*. Chicago: University of Chicago Press, 2016. 285 pp., illus., index. ISBN 978-0-226-39008-6. $55.00 (cloth). Sophia Roosth, *Synthetic: How Life Got Made*. Chicago: University of Chicago Press, 2017. 251 pp., illus., index. ISBN 978-0-226-44046-0. $35.00 (paper). *Historical Studies in the Natural Sciences*, 50(5):624–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/5/624/114257/The-Engineering-IdealLoeb-s-Ghost-or-Something`.

Crosland:1978:TPF

[CS78] Maurice Crosland and Crosbie Smith. The transmission of physics from France to Britain: 1800–1840. *Historical Studies in the Physical Sciences*, 9 (??):1–61, ???? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757376`.

Culotta:1974:GBO

[Cul74] Charles A. Culotta. German biophysics, objective knowledge, and romanticism. *Historical Studies in the Physical Sciences*, 4(??):3–38, ???? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757326`.

Cullather:2010:HWA

[Cul10] Nick Cullather. *The hungry world: America's Cold War battle against poverty in Asia*. Harvard University Press, Cambridge, MA, USA, 2010. ISBN 0-674-05078-9 (hardcover), 0-674-72581-6 (paperback). xi + 348 + 8 pp. LCCN HD2056.Z8 C85 2010.

Curran:2011:ABS

[Cur11] Andrew S. Curran. *The anatomy of blackness: science and slavery in an age of Enlightenment*. The Johns Hopkins University Press, Baltimore, MD, USA, 2011. ISBN

1-4214-0150-9 (hardcover). xiv + 310 pp. LCCN PQ265 .C87 2011.

Curry:2016:AAS

[Cur16] Helen Anne Curry. Atoms in agriculture: A study of scientific innovation between technological systems. *Historical Studies in the Natural Sciences*, 46(2): 119–153, April 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

DAgostino:1975:HRE

[D'A75] Salvo D'Agostino. Hertz's researches on electromagnetic waves. *Historical Studies in the Physical Sciences*, 6(??): 261–323, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757343`.

Dahl:1984:KOD

[Dah84] Per F. Dahl. Kamerlingh Onnes and the discovery of superconductivity: The Leyden years, 1911–1914. *Historical Studies in the Physical Sciences*, 15 (1):1–37, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757541`.

Dahl:1986:SAW

[Dah86] Per F. Dahl. Superconductivity after World War I and circumstances surrounding the discovery of a state $B = 0$. *Historical Studies in the Physical and Biological Sciences*, 16(1): 1–58, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757556`.

Darrigol:1984:HQC

[Dar84] Olivier Darrigol. A history of the question: Can free electrons be polarized? *Historical Studies in the Physical Sciences*, 15 (1):39–79, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757542`.

Darrigol:1986:OQM

[Dar86] Olivier Darrigol. The origin of quantized matter waves. *Historical Studies in the Physical and Biological Sciences*, 16(2): 197–253, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757565`.

Darrigol:1988:SCE

[Dar88] Olivier Darrigol. Statistics and combinatorics in early quantum theory. *Historical Studies in the Physical and Biological Sciences*, 19(1):17–80, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757616`.

Darrigol:1991:SCE

[Dar91] Olivier Darrigol. Statistics and combinatorics in early quantum

theory, II: Early symptoma of indistinguishability and holism. *Historical Studies in the Physical and Biological Sciences*, 21 (2):237–298, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757664`.

Darrigol:1994:ETL

[Dar94] Olivier Darrigol. The electron theories of Larmor and Lorentz: a comparative study. *Historical Studies in the Physical and Biological Sciences*, 24(2):265–336, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Darrigol:1996:EOR

[Dar96] Olivier Darrigol. The electrodynamic origins of Relativity theory. *Historical Studies in the Physical and Biological Sciences*, 26(2):241–312, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Darrigol:1998:OPA

[Dar98a] Olivier Darrigol. From organ pipes to atmospheric motions: Helmholtz on fluid mechanics. *Historical Studies in the Physical and Biological Sciences*, 29 (1):1–54, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Darrigol:1998:TNT

[Dar98b] Olivier Darrigol. Toward a new topology of scientific practice. *Historical Studies in the Physical and Biological Sciences*, 28 (2):337–351, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Darrigol:2001:GWM

[Dar01] Olivier Darrigol. God, waterwheels, and molecules: Saint–Venant's anticipation of energy conservation. *Historical Studies in the Physical and Biological Sciences*, 31(2):285–353, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Darrigol:2002:TCH

[Dar02] Olivier Darrigol. Turbulence in 19th-century hydrodynamics. *Historical Studies in the Physical and Biological Sciences*, 32 (2):207–262, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Darrigol:2004:RAS

[Dar04] Olivier Darrigol. On a recent article by Seiya Abiko. *Historical Studies in the Physical and Biological Sciences*, 35(1): 153–155, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Abi03] and reply [Abi04].

Daston:2012:S

[Das12] Lorraine Daston. Structure. *Historical Studies in the Natural Sciences*, 42(5):496–499, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.496.pdf`.

Daumas:1948:LCF

[Dau48] Maurice Daumas. L'école des Chimistes Français vers 1840. *Chymia: Annual Studies in the History of Chemistry*, 1(??):55–65, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757114`.

Daumas:1950:AEL

[Dau50] Maurice Daumas. Les Appareils d'Expérimentation de Lavoisier. (French) [Lavoisier's experimental equipment]. *Chymia: Annual Studies in the History of Chemistry*, 3(??):45–62, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757145`.

Daub:1970:ED

[Dau70] Edward E. Daub. Entropy and dissipation. *Historical Studies in the Physical Sciences*, 2(??): 321–354, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757310`.

Davis:1948:EUP

[Dav48] Tenney L. Davis. The early use of potassium chlorate in pyrotechny: Dr. Moritz Meyer's colored flame compositions. *Chymia: Annual Studies in the History of Chemistry*, 1(??):75–92, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757116`.

Davis:1949:PFT

[Dav49] Tenney L. Davis. *Pulvis Fulminans* Tenney L. Davis. *Chymia: Annual Studies in the History of Chemistry*, 2(??):ii + 99–110, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757126`.

Davis:1986:IAC

[Dav86] John L. Davis. The influence of astronomy on the character of physics in mid-Nineteenth Century France. *Historical Studies in the Physical and Biological Sciences*, 16(1):59–82, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757557`.

deChadarevian:2015:CPH

[dC15] Soraya de Chadarevian. Chromosome photography and the human karyotype. *Historical Studies in the Natural Sciences*, 45(1):115–146, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

URL http://www.jstor.org/stable/10.1525/hsns.2015.45.1.115.

deChadarevian:2018:TDR

[dC18] Soraya de Chadarevian. Things and data in recent biology. *Historical Studies in the Natural Sciences*, 48(5):648–658, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

deChadarevian:2020:NSV

[dC20] Soraya de Chadarevian. Normalization and the search for variation in the human genome. *Historical Studies in the Natural Sciences*, 50(5):578–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/50/5/578/114255/Normalization-and-the-Search-for-Variation-in-the.

deChadarevian:2018:ISD

[dCP18] Soraya de Chadarevian and Theodore M. Porter. Introduction: Scrutinizing the data world. *Historical Studies in the Natural Sciences*, 48(5):549–556, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Daumas:1959:LRU

[DD59] Maurice Daumas and Denis Duveen. Lavoisier's relatively unknown large-scale decomposition and synthesis of water, February 27 and 28, 1785. *Chymia: Annual Studies in the History of Chemistry*, 5(??): 113–129, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757179.

DeGreiff:2002:TTP

[De 02] Alexis De Greiff. The tale of two peripheries: The creation of the International Centre for Theoretical Physics in Trieste. *Historical Studies in the Physical and Biological Sciences*, 33 (1):33–59, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

DeGregorio:2005:NPE

[De 05] Alberto G. De Gregorio. Neutron physics in the early 1930s. *Historical Studies in the Physical and Biological Sciences*, 35 (2):293–340, March 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

delaPazRamosLara:2006:PAM

[de 06] María de la Paz Ramos Lara. Particle accelerators in Mexico. *Historical Studies in the Physical and Biological Sciences*, 36 (2):297–309, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

DeGreiffA:2012:PDU

[De 12] Alexis De Greiff A. *A las puertas del universo derrotado.*

(Spanish) [At the gates of the defeated universe]. Colección obra selecta. Universidad Nacional de Colombia, Vicerrectoría Académica, Bogotá, D.C., Colombia, 2012. ISBN 958-761-141-1 (hardcover), 958-761-142-X (paperback), 958-761-143-8 (e-book). 180 pp. LCCN QC7.5 .D425 2012.

Dear:2007:INH

[Dea07] Peter Robert Dear. *The intelligibility of nature: how science makes sense of the world*. Science.culture. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-13948-4, 0-226-13949-2. xii + 242 pp. LCCN Q175.32.R45. URL `http://www.gbv.de/dms/bowker/toc/9780226139487; http://www.loc.gov/catdir/enhancements/fy0702/2005026032-b.html; http://www.loc.gov/catdir/enhancements/fy0702/2005026032-d.html; http://www.loc.gov/catdir/toc/ecip0518/2005026032.html`.

Dear:2008:BRI

[Dea08] Peter Dear. Book review: The Inwardness of Science: Charles Coulston Gillispie. *Essays and Reviews in History and History of Science*. Philadelphia: American Philosophical Society, 2007. xix + 424 pp. ISBN 978-0-87169-965-7. $24 (paper). *Historical Studies in the Natural Sciences*, 38(4):621–625, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Dear:2014:DSN

[Dea14] Peter Dear. Darwin's sleepwalkers: Naturalists, nature, and the practices of classification. *Historical Studies in the Natural Sciences*, 44(4):297–318, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.4.297`.

Debus:1962:SAP

[Deb62] Allen G. Debus. Solution analyses prior to Robert Boyle. *Chymia: Annual Studies in the History of Chemistry*, 8(??):41–61, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757217`.

Deischer:1948:MTD

[Dei48] Claude K. Deischer. A memorial tribute to Dr. C. A. Browne: With a bibliography of his contributions to the history of chemistry. *Chymia: Annual Studies in the History of Chemistry*, 1(??):11–22, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757111`.

Deischer:1964:MSL

[Dei64] Claude K. Deischer. In memoriam to a secretary, librarian, curator of a library, and historian: Eva Vivian Armstrong

— 1877–1962. *Chymia: Annual Studies in the History of Chemistry*, 9(??):13–17, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757227`.

Deichmann:2004:ERA

[Dei04] Ute Deichmann. Early responses to Avery et al.'s paper on DNA as hereditary material. *Historical Studies in the Physical and Biological Sciences*, 34 (2):207–232, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Deichmann:2021:TTR

[Dei21] Ute Deichmann. Template theories, the rule of parsimony, and disregard for irreproducibility — the example of Linus Pauling's research on antibody formation. *Historical Studies in the Natural Sciences*, 51(4):427–??, September 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/4/427/118595/Template-Theories-the-Rule-of-Parsimony-and`.

deMilt:1953:ALF

[deM53] Clara deMilt. Auguste Laurent, founder of modern organic chemistry. *Chymia: Annual Studies in the History of Chemistry*, 4(??):85–114, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757164`.

Dentinger:2017:AFT

[Den17] Rachel Mason Dentinger. From "actual forces" to "token stimuli": Gottfried S. Fraenkel and the evolutionary 'raison d'Être" of plant molecules, 1930s–1960s. *Historical Studies in the Natural Sciences*, 47(2):127–163, April 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Dent:2023:SM

[Den23] Rosanna Dent. Stolen masks. *Historical Studies in the Natural Sciences*, 53(1):76–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/76/195534/Stolen-Masks`.

DeVorkin:1987:OSR

[DeV87] David DeVorkin. Organizing for space research: The V-2 Rocket Panel. *Historical Studies in the Physical and Biological Sciences*, 18(1):1–24, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757594`.

Devorkin:2000:WSA

[Dev00] David H. Devorkin. Who speaks for astronomy? How astronomers responded to government funding after World War II. *Historical Studies in the Physical and Biological Sciences*, 31(1):55–92, ???? 2000.

CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

DeYoung:2011:VMS

[DeY11] Ursula DeYoung. *A vision of modern science: John Tyndall and the role of the scientist in Victorian culture*. Palgrave studies in the history of science and technology. Palgrave Macmillan, New York, NY, 2011. ISBN 0-230-11053-3 (hardcover). 270 pp. LCCN Q143.T96
D43 2011. URL `http://www.palgraveconnect.com/doifinder/10.1057/9780230118058`.

Daston:2007:O

[DG07] Lorraine Daston and Peter Galison. *Objectivity*. Zone Books, New York, NY, USA, 2007. ISBN 1-890951-78-1. 501 + 38 pp. LCCN BD220 .D37 2007. URL `http://www.loc.gov/catdir/toc/ecip0720/2007023997.html`.

Didier:2018:OAG

[Did18] Emmanuel Didier. Open-access genomic databases: A profit-making tool? *Historical Studies in the Natural Sciences*, 48(5): 659–672, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Dimoia:2014:BRP

[Dim14] John P. Dimoia. Book review: Projecting the future? the shifting boundaries of postwar American science. *Biomedical Computing: Digitizing Life in the United States*, by Joseph A. November; *Instrumental Community: Probe Microscopy and the Path to Nanotechnology*, by Cyrus C. M. Mody. *Genentech: Beginnings of Biotech*, by Sally Smith Hughes. *The Visioneers: How a Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future*, by W. Patrick McCray. *Historical Studies in the Natural Sciences*, 44(1):90–98, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.1.90`.

DeMaria:1991:DCR

[DIR91] M. De Maria, M. G. Ianniello, and A. Russo. The discovery of cosmic rays: Rivalries and controversies between Europe and the United States. *Historical Studies in the Physical and Biological Sciences*, 22(1): 165–192, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757676`.

Dejong-Lambert:2009:ELE

[DL09] William Dejong-Lambert. From eugenics to Lysenkoism: The evolution of Stanisław Skowron. *Historical Studies in the Natural Sciences*, 39(3):269–299, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Daston:2011:HSO

[DL11] Lorraine Daston and Elizabeth Lunbeck, editors. *Histories of scientific observation*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-13677-9 (hardcover), 0-226-13678-7 (paperback). 460 + 1 pp. LCCN Q174.8 .H57 2011.

deMilt:1948:CWC

[dM48] Clara de Milt. Carl Weltzein and the Congress at Karlsruhe. *Chymia: Annual Studies in the History of Chemistry*, 1(??): 153–169, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757121`.

Dorries:2006:ICC

[DM06] Matthias Dörries and Christophe Masutti. Introduction: Changing climate — modeling climate. *Historical Studies in the Physical and Biological Sciences*, 37(1):1–2, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Dmitriev:2004:SDS

[Dmi04] Igor S. Dmitriev. Scientific discovery in statu nascendi: The case of Dmitrii Mendeleev's Periodic Law. *Historical Studies in the Physical and Biological Sciences*, 34(2):233–275, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Doing:2009:VRS

[Doi09] Park Doing. *Velvet Revolution at the synchrotron: biology, physics, and change in science*. Inside technology. MIT Press, Cambridge, MA, USA, 2009. ISBN 0-262-04255-X (hardcover). viii + 152 pp. LCCN QC51.N7 D65 2009.

Dolby:1976:DTS

[Dol76] R. G. A. Dolby. Debates over the theory of solution: a study of dissent in physical chemistry in the English-speaking world in the late Nineteenth and early Twentieth Centuries. *Historical Studies in the Physical Sciences*, 7(??):297–404, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757359`.

Donghi:1967:CRP

[Don67] Letícá Halperín Donghí. Chemistry in the rio de la plata at the end of the colonial epoch. *Chymia: Annual Studies in the History of Chemistry*, 12(??): 119–126, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757276`.

Doran:1975:OCF

[Dor75] Barbara Giusti Doran. Origins and consolidation of field theory in Nineteenth-Century Britain: From the mechanical to the electromagnetic view of nature. *Historical Studies in the Physical Sciences*, 6(??):

133–260, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757342`.

Dorries:1991:PHA

[Dör91] Matthias Dörries. Prior history and aftereffects: Hysteresis and "Nachwirkung" in 19th-Century physics. *Historical Studies in the Physical and Biological Sciences*, 22(1):25–55, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757672`.

Dorries:1995:HKP

[Dör95] Matthias Dörries. Heinrich Kayser as philologist of physics. *Historical Studies in the Physical and Biological Sciences*, 26 (1):1–33, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Dorries:2006:PEV

[Dör06] Matthias Dörries. In the public eye: Volcanology and climate change studies in the 20th Century. *Historical Studies in the Physical and Biological Sciences*, 37(1):87–125, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Dorries:2012:BRL

[Dör12] Matthias Dörries. Book review: Life, language, and science: Hans-Jörg Rheinberger's historical epistemology: *An Epistemology of the Concrete: Twentieth-Century Histories of Life* by Hans-Jörg Rheinberger; *On Historicizing Epistemology: An Essay by Hans-Jörg Rheinberger. Historical Studies in the Natural Sciences*, 42(1):71–82, February 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.1.71`. See [Rhe10a, Rhe10b].

Dorries:2020:HCC

[Dör20] Matthias Dörries. Hot climate, Cold War. *Historical Studies in the Natural Sciences*, 50(1–2):67–73, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Dorries:2021:ALH

[Dör21] Matthias Dörries. The art of listening: Hugo Benioff, seismology, and music. *Historical Studies in the Natural Sciences*, 51(4):468–??, September 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/4/468/118596/The-Art-of-ListeningHugo-Benioff-Seismology-and`.

Doxiadis:2011:LES

[DPPdD11] Apostolos Doxiadis, Christos H. Papadimitriou, Alecos Papadatos, and Annie di Donna. *Logicomix: an epic search for truth.*

Bloomsbury, New York, NY, USA, 2011. ISBN 1-59691-452-1. 347 pp. LCCN PN6790.D69 L64 2009.

Deischer:1950:OHK

[DR50] Claude K. Deischer and Joseph L. Rabinowitz. The owl of Heinrich Khunrath: Its origin and significance. *Chymia: Annual Studies in the History of Chemistry*, 3(??):ii + 243–250, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757142`.

DeMaria:1989:CRR

[DR89] M. De Maria and A. Russo. Cosmic ray romancing: The discovery of the latitude effect and the Compton–Millikan controversy. *Historical Studies in the Physical and Biological Sciences*, 19 (2):211–266, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757626`.

Druzhinin:2020:FPM

[Dru20] Petr A. Druzhinin. The first publication of Mendeleev's periodic system of elements: A new chronology. *Historical Studies in the Natural Sciences*, 50(1–2):129–182, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Dryer:2019:NCH

[Dry19] Theodora Dryer. The new critical history of surveillance and human data. *Historical Studies in the Natural Sciences*, 49(5): 556–565, November 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Duveen:1953:ML

[Duv53] Denis I. Duveen. Madame Lavoisier 1758–1836. *Chymia: Annual Studies in the History of Chemistry*, 4(??):13–29, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757161`.

Duval:1967:PRC

[Duv67] Clément Duval. Pilatre de Rozier (1754–1785), chemist and first aeronaut. *Chymia: Annual Studies in the History of Chemistry*, 12(??):99–117, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757275`.

Duveen:1949:SSC

[DW49] Denis I. Duveen and Antoine Willemart. Some Seventeenth Century chemists and alchemists of Lorraine. *Chymia: Annual Studies in the History of Chemistry*, 2(??):111–117, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757137`.

Eckert:1987:PSS

[Eck87] Michael Eckert. Propaganda in science: Sommerfeld and the spread of the electron theory of metals. *Historical Studies in the Physical and Biological Sciences*, 17(2):191–233, ????

1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757582.

Eckert:1988:NPM

[Eck88] Michael Eckert. Neutrons and politics: Maier–Leibnitz and the emergence of pile neutron research in the FRG. *Historical Studies in the Physical and Biological Sciences*, 19(1): 81–113, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757617.

Eckert:1990:PDF

[Eck90] Michael Eckert. Primacy doomed to failure: Heisenberg's role as scientific adviser for nuclear policy in the FRG. *Historical Studies in the Physical and Biological Sciences*, 21(1):29–58, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757654.

Edelstein:1948:PSW

[Ede48] Sidney M. Edelstein. Priestley settles the water controversy. *Chymia: Annual Studies in the History of Chemistry*, 1 (??):123–137, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757119.

Edelstein:1959:CRA

[Ede59] Sidney M. Edelstein. The chemical revolution in America from the pages of the "*Medical Repository*". *Chymia: Annual Studies in the History of Chemistry*, 5 (??):155–179, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757183.

Editors:2002:F

[Edi02] Guest Editors. Foreword. *Historical Studies in the Physical and Biological Sciences*, 33(1): 1–2, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Edmond:2006:LEM

[Edm06] Rod Edmond. *Leprosy and empire: a medical and cultural history*. Cambridge social and cultural histories. Cambridge University Press, Cambridge, UK, 2006. ISBN 0-521-86584-0. x + 255 pp. LCCN RC154.4 .E36 2006. URL http://www.h-net.org/review/hrev-a0f5c6-aa; http://www.loc.gov/catdir/enhancements/fy0733/2007277435-b.html; http://www.loc.gov/catdir/enhancements/fy0733/2007277435-d.html; http://www.loc.gov/catdir/enhancements/fy0733/2007277435-t.html.

Earman:1980:REB

[EG80] John Earman and Clark Glymour. Relativity and eclipses: The British Eclipse Expeditions of 1919 and their predecessors.

Historical Studies in the Physical Sciences, 11(1):49–85, ???? 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757471`.

Eisler:2016:MRS

[Eis16] Matthew N. Eisler. Materials research, super batteries, and the technopolitics of electric automobility. *Historical Studies in the Natural Sciences*, 46(1): 44–66, February 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Elkana:1970:HKI

[Elk70] Yehuda Elkana. Helmholtz' "Kraft": An illustration of concepts in flux. *Historical Studies in the Physical Sciences*, 2 (??):263–298, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757308`.

Elman:2012:ITS

[Elm12] Benjamin A. Elman. It took a scientist to historicize one! *Historical*
Studies in the Natural Sciences, 42(5):500–503, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.500.pdf`.

Endersby:2007:GPH

[End07] Jim Endersby. *A guinea pig's history of biology*. Harvard University Press, Cambridge, MA, USA, 2007. ISBN 0-674-02713-2. xii + 499 pp. LCCN QH431 .E615 2007. URL `http://www.loc.gov/catdir/toc/ecip0718/2007020824.html`.

Ericson:2023:PTC

[Eri23] Kjell David Ericson. The puzzle of the thinly coated pearl: Aquacultural ecology and the politics of density in Ago Bay. *Historical Studies in the Natural Sciences*, 53(3):256–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/3/256/196658/The-Puzzle-of-the-Thinly-Coated-PearlAquacultural`.

Esposito:2015:MTP

[Esp15] Maurizio Esposito. More than the parts: W. E. Ritter, the Scripps Marine Association, and the organismal conception of life. *Historical Studies in the Natural Sciences*, 45(2):273–302, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.2.273`.

Fabian:2010:SCR

[Fab10] Ann Fabian. *The skull collectors: race, science, and America's unburied dead*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-23348-0 (hardcover). xi + 270 pp. LCCN GN90 .F33 2010.

Falconer:1988:JJT

[Fal88] Isobel Falconer. J. J. Thomson's work on positive rays, 1906–1914. *Historical Studies in the Physical and Biological Sciences*, 18(2):265–310, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757604.

Farber:1950:BAS

[Far50] Eduard Farber. Bio-active substances in the Nineteenth Century. *Chymia: Annual Studies in the History of Chemistry*, 3 (??):63–76, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757146.

Farber:1961:ESC

[Far61] Eduard Farber. Early studies concerning time in chemical reactions. *Chymia: Annual Studies in the History of Chemistry*, 7(??):135–148, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757210.

Farber:1962:DMH

[Far62] Eduard Farber. The development of metal hydride chemistry. *Chymia: Annual Studies in the History of Chemistry*, 8 (??):165–180, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757223.

Farber:1964:TEN

[Far64a] Eduard Farber. The theory of the elements and nucleosynthesis in the Nineteenth Century. *Chymia: Annual Studies in the History of Chemistry*, 9 (??):181–200, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757240.

Farrar:1964:SBC

[Far64b] W. V. Farrar. Sir B. C. Brodie and his calculus of chemical operations. *Chymia: Annual Studies in the History of Chemistry*, 9(??):169–179, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757239.

Farber:1965:IOR

[Far65] Eduard Farber. Induced oxidation–reduction processes, the history of a chemical paradox. *Chymia: Annual Studies in the History of Chemistry*, 10(??):121–181, ???? 1965. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757249.

Farber:1966:CPW

[Far66] Eduard Farber. From chemistry to philosophy: The way of Alwin Mittasch (1869–1953). *Chymia: Annual Studies in the History of Chemistry*, 11(??): 157–178, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757266.

Feffer:1989:ASJ

[Fef89] Stuart M. Feffer. Arthur Schuster, J. J. Thomson, and the discovery of the electron. *Historical Studies in the Physical and Biological Sciences*, 20(1): 33–61, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757634`.

Feffer:1992:ACP

[Fef92] Stuart M. Feffer. Atoms, cancer, and politics: Supporting atomic science at the University of Chicago, 1944–1950. *Historical Studies in the Physical and Biological Sciences*, 22(2): 233–261, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757682`.

Feldman:1985:AMQ

[Fel85] Theodore S. Feldman. Applied mathematics and the quantification of experimental physics: The example of barometric hypsometry. *Historical Studies in the Physical Sciences*, 15(2): 127–195, ???? 1985. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757551`.

Feldman:2013:BRT

[Fel13] James W. Feldman. Book review: Testing the nuclear paradox: *Atomic Frontier Days: Hanford and the American West Full Body Burden: Growing Up in the Nuclear Shadow of Rocky Flats The Rise of Nuclear Fear*. *Historical Studies in the Natural Sciences*, 43(4): 531–538, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.4.531`.

Fester:1962:CCA

[Fes62] G. A. Fester. Copper and copper alloys in Ancient Argentina. *Chymia: Annual Studies in the History of Chemistry*, 8(??):21–31, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757215`.

Frederick-Frost:2017:LMH

[FF17] K. M. Frederick-Frost. For the love of a mother — Henry Moseley's rare earth research. *Historical Studies in the Natural Sciences*, 47(4):529–567, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic).

Fox:1998:LWS

[FG98] Robert Fox and Anna Guagnini. Laboratories, workshops, and sites. Concepts and practices of research in Industrial Europe, 1800–1914. *Historical Studies in the Physical and Biological Sciences*, 29(1):55–140, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Fox:1999:LWS

[FG99] Robert Fox and Anna Guagnini. Laboratories, workshops, and sites. Concepts and practices of research in industrial Europe, 1800–1914. *Historical Studies in the Physical and Biological Sciences*, 29(2):191–??, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Findlay:2011:AFD

[FH11] John M. Findlay and Bruce William Hevly. *Atomic frontier days: Hanford and the American West*. Emil and Kathleen Sick series in Western history and biography. Center for the Study of the Pacific Northwest in association with University of Washington Press, Seattle, WA, USA, 2011. ISBN 0-295-99097-X (paperback). xv + 368 pp. LCCN TD898.12.W2 F56 2011.

Fedman:2019:HDI

[FH19] David Fedman and Martin Hood. Hotly debated ice: Scholar alpinism and the great glacier controversy in Modern Japan. *Historical Studies in the Natural Sciences*, 49 (3):273–299, June 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Forman:1975:PCP

[FHW75] Paul Forman, John L. Heilbron, and Spencer Weart. Physics circa 1900: Personnel, funding, and productivity of the academic establishments. *Historical Studies in the Physical Sciences*, 5(??):1–185, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757335`.

Figurovskii:1966:HCA

[Fig66] N. A. Figurovskii. The history of chemistry in Ancient Russia. *Chymia: Annual Studies in the History of Chemistry*, 11 (??):45–79, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757259`.

Finnegan:2013:BRM

[Fin13] Diarmid A. Finnegan. Book reviews: Making science, making geography: K. Maria D. Lane, *Geographies of Mars: Seeing and Knowing the Red Planet*. Chicago: University of Chicago Press, 2010. xiii + 266 pp., illus., index. ISBN 978-0-226-47078-8. $45.00 (cloth).; S. M. Reid-Henry, *Cuban Cure: Reason and Resistance in Global Science*. Chicago: University of Chicago Press, 2010. xii + 200 pp., illus., index. ISBN 978-0-226-70917-8. $39.00 (cloth).; Helen Tilley, *Africa as a Living Laboratory: Empire, Development and the Problem of Scientific Knowledge, 1870–1950*. Chicago: University of Chicago Press, 2011. xiv + 496 pp., illus., index. ISBN 978-0-226-80347-0. $29.00 (paper). *Historical Studies in the Natural Sciences*,

43(1):113–119, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.113.pdf`.

Finnegan:2021:SST

[Fin21] Diarmid A. Finnegan. Of snails and salvation: The theological construction of John Thomas Gulick's theory of evolution. *Historical Studies in the Natural Sciences*, 51(5):567–??, November 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/5/567/119068/Of-Snails-and-SalvationThe-Theological`.

Fleming:2000:SSS

[Fle00a] James Rodger Fleming. Storms, strikes, and surveillance: The U.S. Army Signal Office, 1861–1891. *Historical Studies in the Physical and Biological Sciences*, 30(2):315–332, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Fleming:2000:F

[Fle00b] James Roger Fleming. Foreword. *Historical Studies in the Physical and Biological Sciences*, 30(2):307–??, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Fleming:2006:PHW

[Fle06] James Rodger Fleming. The pathological history of weather and climate modification: Three cycles of promise and hype. *Historical Studies in the Physical and Biological Sciences*, 37(1): 3–25, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Fleetwood:2020:BRS

[Fle20] Lachlan Fleetwood. Book reviews: Science in India and Indians in science: [David Arnold. *Toxic Histories: Poison and Pollution in Modern India*. Cambridge: Cambridge University Press, 2016. ix + 241 pp., illus., index. ISBN 978-1-107-12697-8. $49.99 (paper). Pankaj Sekhsaria. *Instrumental Lives: An Intimate Biography of an Indian Laboratory*. Abingdon: Routledge, 2018. xxii + 126 pp., illus., index. ISBN 978-1-138-58767-0. $60.00 (hardcover). Joydeep Sen. *Astronomy in India*, 1784 1876. London: Pickering & Chatto, 2014. xiii + 268 pp., illus., index. ISBN 978-1-781-44078-0. $99.00 (hardcover)]. *Historical Studies in the Natural Sciences*, 50(3):302–310, June 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/3/302/110323/Science-in-India-and-Indians-in-Science`.

Fisher:2016:SII

[FM16] Amy A. Fisher and Joseph D. Martin. Special issue introduction: Emerging prospects for history of the physical sciences. *Historical Studies in the Natural Sciences*, 46(3):261–269, June 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Forbes:1949:WNA

[For49] R. J. Forbes. Was Newton an alchemist? *Chymia: Annual Studies in the History of Chemistry*, 2(??):27–36, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757130`.

Forbes:1953:OA

[For53] R. J. Forbes. On the origin of alchemy. *Chymia: Annual Studies in the History of Chemistry*, 4(??):1–11, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757160`.

Forman:1970:ALA

[For70] Paul Forman. Alfred Landé and the Anomalous Zeeman Effect, 1919–1921. *Historical Studies in the Physical Sciences*, 2(??): 153–261, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757307`.

Forman:1971:WCC

[For71] Paul Forman. Weimar culture, causality, and quantum theory, 1918–1927: Adaptation by German physicists and mathematicians to a hostile intellectual environment. *Historical Studies in the Physical Sciences*, 3 (??):1–115, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757315`.

Forman:1987:BQE

[For87] Paul Forman. Behind quantum electronics: National security as basis for physical research in the United States, 1940–1960. *Historical Studies in the Physical and Biological Sciences*, 18 (1):149–229, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757599`.

Forman:2007:HLM

[For07] Paul Forman. How Lewis Mumford saw science, and art, and himself. *Historical Studies in the Physical and Biological Sciences*, 37(2):271–336, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Fortun:2008:PGI

[For08] Michael Fortun. *Promising genomics: Iceland and deCODE Genetics in a world of speculation*. University of California Press, Berkeley, CA, USA, 2008. ISBN 0-520-24750-7 (cloth), 0-520-24751-5 (paperback). x + 330 pp. LCCN QH438.7 .F67

2008. URL http://www.loc.gov/catdir/toc/ecip083/2007044597.html.

Fox:1974:RFL

[Fox74] Robert Fox. The rise and fall of Laplacian physics. *Historical Studies in the Physical Sciences*, 4(??):89–136, ???? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757328.

Fujimura:2020:REA

[FR20] Joan H. Fujimura and Ramya M. Rajagopalan. Race, ethnicity, ancestry, and genomics in Hawai'i: Discourses and practices. *Historical Studies in the Natural Sciences*, 50(5):596–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/50/5/596/114256/Race-Ethnicity-Ancestry-and-Genomics-in-Hawai.

Frankel:1977:JBB

[Fra77] Eugene Frankel. J. B. Biot and the mathematization of experimental physics in Napoleonic France. *Historical Studies in the Physical Sciences*, 8(??): 33–72, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757367.

Franklin:1981:MPU

[Fra81] Allan D. Franklin. Millikan's published and unpublished data on oil drops. *Historical Studies in the Physical Sciences*, 11 (2):185–201, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757478.

Frankel:1982:DRA

[Fra82] Henry Frankel. The development, reception, and acceptance of the Vine–Matthews–Morley hypothesis. *Historical Studies in the Physical Sciences*, 13 (1):1–39, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757504.

Franklin:1983:DAC

[Fra83] Allan Franklin. The discovery and acceptance of CP violation. *Historical Studies in the Physical Sciences*, 13(2): 207–238, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757515.

Freudenthal:1981:EEB

[Fre81] Gad Freudenthal. Early electricity
between chemistry and physics: The simultaneous itineraries of Francis Hauksbee, Samuel Wall, and Pierre Polinière. *Historical Studies in the Physical Sciences*,

11(2):203–229, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757479`.

Frenkel:1997:YIF

[Fre97] Victor Ya Frenkel. Yakov Ilich Frenkel: Sketches toward a civic portrait. *Historical Studies in the Physical and Biological Sciences*, 27(2):197–236, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Freire:2005:SED

[Fre05] Olival Freire Jr. Science and exile: David Bohm, the Cold War, and a new interpretation of quantum mechanics. *Historical Studies in the Physical and Biological Sciences*, 36(1): 1–34, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Friedman:1977:CNS

[Fri77] Robert Marc Friedman. The creation of a new science: Joseph Fourier's *Analytical Theory of Heat*. *Historical Studies in the Physical Sciences*, 8 (??):73–99, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757368`.

Friedman:1989:TCQ

[Fri89] Robert Marc Friedman. Text, con-
text, and quicksand: Method and understanding in studying the Nobel Science Prizes. *Historical Studies in the Physical and Biological Sciences*, 20(1): 63–77, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757635`.

Friedman:2007:TIJ

[Fri07] Robert Marc Friedman. Tolerance and integrity at Johns Hopkins. *Historical Studies in the Physical and Biological Sciences*, 37(2):463–474, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Fullmer:1960:PSH

[Ful60] J. Z. Fullmer. The poetry of Sir Humphry Davy. *Chymia: Annual Studies in the History of Chemistry*, 6(??):102–126, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757194`.

Fullmer:1962:HDA

[Ful62] J. Z. Fullmer. Humphry Davy's adversaries. *Chymia: Annual Studies in the History of Chemistry*, 8(??):147–164, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757222`.

Fullmer:1964:HDC

[Ful64] J. Z. Fullmer. Humphry Davy's critical abstracts. *Chymia: Annual Studies in the History of Chemistry*, 9(??):97–115, ????

1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757235`.

Fullmer:1967:DSH

[Ful67] J. Z. Fullmer. Davy's sketches of his contemporaries. *Chymia: Annual Studies in the History of Chemistry*, 12(??):127–150, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757277`.

Fetter-Vorm:2013:TGH

[FV13] Jonathan Fetter-Vorm. *Trinity: a graphic history of the first atomic bomb*. Novel graphics. Hill and Wang: a division of Farrar, Straus and Giroux, New York, NY, USA, 2013. ISBN 0-8090-9355-3. 154 pp. LCCN QC773.3.U5 F47 2013.

Fyfe:2012:SPK

[Fyf12] Aileen Fyfe. *Steam-powered knowledge: William Chambers and the business of publishing, 1820–1860*. University of Chicago Press, Chicago, IL, USA, 2012. ISBN 0-226-27651-1 (hardcover). xvi + 313 pp. LCCN Z325.C44 F94 2012.

Galison:1979:MST

[Gal79] Peter Louis Galison. Minkowski's space–time: From visual thinking to the absolute world. *Historical Studies in the Physical Sciences*, 10 (??):85–121, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757388`.

Galison:1982:TPE

[Gal82] Peter Galison. Theoretical predispositions in experimental physics: Einstein and the gyromagnetic experiments, 1915–1925. *Historical Studies in the Physical Sciences*, 12(2): 285–323, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757498`.

Ganzenmueller:1953:ZGA

[Gan53] W. Ganzenmueller. Zukunftsaufgaben der Geschichte der Alchemie.
(German) [Future tasks in the history of alchemy]. *Chymia: Annual Studies in the History of Chemistry*, 4(??):31–36, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757162`.

Garber:1970:CMK

[Gar70] Elizabeth Wolfe Garber. Clausius and Maxwell's kinetic theory of gases. *Historical Studies in the Physical Sciences*, 2 (??):299–319, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757309`.

Garber:1978:MSL

[Gar78] Elizabeth Garber. Molecular science in late-Nineteenth-Century Britain. *Historical*

Studies in the Physical Sciences, 9(??):265–297, ???? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757380`.

Garber:2009:BRU

[Gar09] Margaret D. Garber. Book reviews: Untwisting the Greene Lyon's Tale: Deborah E. Harkness. *The Jewel House: Elizabethan London and the Scientific Revolution*. New Haven: Yale University Press, 2007. xviii + 349 pp., illus., index. ISBN: 978-0-300-11196-5. $32.50 (cloth). Lauren Kassell. *Medicine and Magic in Elizabethan London: Simon Forman: Astrologer, Alchemist & Physician*. Oxford: Clarendon Press, 2005. xviii + 281 pp., illus., index. ISBN: 0-19-927905-5, 978-0-19-927905-0. $90.00 (cloth). Bruce Moran. *Distilling Knowledge: Alchemy, Chemistry, and the Scientific Revolution*. Cambridge, MA: Harvard University Press, 2005. 210 pp., illus., index. ISBN: 0-674-01495-2. $24.95 (cloth). Tara Nummedal. *Alchemy and Authority in the Holy Roman Empire*. Chicago: University of Chicago Press, 2007. xvii + 260 pp., illus., index. ISBN-13: 978-0-226-60856-3. $37.50 (cloth). *Historical Studies in the Natural Sciences*, 39(4):491–500, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Garber:2012:I

[Gar12] Daniel Garber. Incommensurabilities. *Historical Studies in the Natural Sciences*, 42(5):504–509, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.504.pdf`.

Gasca:1996:MTV

[Gas96] Ana Millán Gasca. Mathematical theories versus biological facts: a debate on mathematical population dynamics in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 26(2):347–403, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Gaston:2021:EW

[Gas21] Pablo Gastón. The essential worker. *Historical Studies in the Natural Sciences*, 51(1):146–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/146/116285/The-Essential-Worker`.

Gaukroger:2008:ESC

[Gau08] Stephen Gaukroger. *The emergence of a scientific culture: science and the shaping of modernity 1210–1685*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2008. ISBN 0-19-929644-8 (hardcover), 0-19-955001-8 (paperback). ix +

563 pp. LCCN BL240.3 .I58 v. 199. US$19.99. URL http://www.gbv.de/dms/bowker/toc/9780199550012.

Gausemeier:2010:GMP

[Gau10] Bernd Gausemeier. Genetics as a modernization program: Biological research at the Kaiser Wilhelm Institutes and the political economy of the Nazi State. *Historical Studies in the Natural Sciences*, 40(4):429–456, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2010.40.4.429.

Gavroglu:1990:RBP

[Gav90] Kostas Gavroglu. The reaction of the British physicists and chemists to van der Waals' early work and to the Law of Corresponding States. *Historical Studies in the Physical and Biological Sciences*, 20(2):199–237, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757643.

Galison:1989:LSD

[GB89] Peter Galison and Barton Bernstein. In any light: Scientists and the decision to build the superbomb, 1952–1954. *Historical Studies in the Physical and Biological Sciences*, 19(2):267–347, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757627.

Gorman:1959:HSA

[GD59] Mel Gorman and Charles Doering. History of the structure of acetone. *Chymia: Annual Studies in the History of Chemistry*, 5(??):202–208, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757186.

Geppert:2011:IOS

[Gep11] Alexander C. T. Geppert, editor. *Imagining outer space: European astroculture in the twentieth century*. Palgrave Macmillan, Houndmills, Basingstoke, Hampshire, UK, 2011. ISBN 0-230-23172-1 (hardcover). xvii + 393 pp. LCCN TL789.6.E9 I43 2012. URL http://www.netread.com/jcusers2/bk1388/726/9780230231726/image/lgcover.9780230231726.jpg.

Gere:2021:SRC

[Ger21] Cathy Gere. "Shovel-Ready": The commons and the climate crisis. *Historical Studies in the Natural Sciences*, 51(4):542–??, September 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/51/4/542/118592/Shovel-Ready-The-Commons-and-the-Climate-Crisis.

Ganzenmueller:1950:WGB

[GG50] W. Ganzenmueller and W. Ganzenmüller. Wandlun-

gen in der geschichtlichen Betrachtung der Alchemie. (German) [Transformations in the historical view of alchemy]. *Chymia: Annual Studies in the History of Chemistry*, 3(??):143–154, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757150`.

Galdabini:1988:PIB

[GG88] Silvana Galdabini and Giuseppe Giuliani. Physics in Italy between 1900 and 1940: The universities, physicists, funds, and research. *Historical Studies in the Physical and Biological Sciences*, 19(1):115–136, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757618`.

Gribbe:2017:EGM

[GH17] Johan Gribbe and Olof Hallonsten. The emergence and growth of materials science in Swedish universities. *Historical Studies in the Natural Sciences*, 47(4):459–493, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic).

Gibbs:2012:RBK

[Gib12] Frederick W. Gibbs. Riding the bicycle of Kuhn's structure. *Historical Studies in the Natural Sciences*, 42(5):510–513, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.510.pdf`.

Giffard:2020:ENS

[Gif20] Hermione Giffard. Exploiting Nazi science and technology and the history of technology transfer. *Historical Studies in the Natural Sciences*, 50(1–2):199–208, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Gillispie:1992:SSW

[Gil92] Charles Coulston Gillispie. Science and secret weapons development
in Revolutionary France, 1792–1804: a documentary history. *Historical Studies in the Physical and Biological Sciences*, 23 (1):35–152, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757692`.

Gillispie:2007:ERH

[Gil07] Charles Coulston Gillispie. *Essays and reviews in history and history of science*, volume 96, part 5 of *Transactions of the American Philosophical Society*. American Philosophical Society, Philadelphia, PA, USA, 2007. ISBN 0-87169-965-6 (paperback). xix + 424 pp. LCCN Q126.8 .G55 2006. URL `http://www.loc.gov/catdir/toc/fy0710/2006052602.html`.

Gillispie:2008:BRA

[Gil08] Charles C. Gillispie. Book review: Atop Mont Blanc: Bursting the Limits of Time: *The Reconstruction of Geohistory in the Age of Revolution*, by Martin J. S. Rudwick. Chicago and London: University of Chicago Press, 2005. xxiv + 708 pp., illus., index. $45.00 (cloth), $35.00 (paper). *Historical Studies in the Natural Sciences*, 38(1):163–171, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Gilbert:2023:SGG

[Gil23] Scott F. Gilbert. Shells, gills, and gonads: On the remarkable persistence of oysters in the Chesapeake Bay. *Historical Studies in the Natural Sciences*, 53(3):221–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/3/221/196655/Shells-Gills-and-GonadsOn-the-Remarkable`.

Gissis:2011:VRE

[Gis11] Snait B. Gissis. Visualizing "race" in the Eighteenth Century. *Historical Studies in the Natural Sciences*, 41(1):41–103, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.1.41`.

Gliboff:2008:HGB

[Gli08] Sander Gliboff. *H. G. Bronn, Ernst Haeckel, and the origins of German Darwinism: a study in translation and transformation*. Transformations. MIT Press, Cambridge, MA, USA, 2008. ISBN 0-262-07293-9 (hardcover). xii + 259 pp. LCCN QH366.2 .G55 2008. URL `http://www.loc.gov/catdir/toc/ecip081/2007039859.html`.

Gordin:2012:RMT

[GM12] Michael D. Gordin and Erika Lorraine Milam. A repository for more than anecdote: Fifty years of the structure of scientific revolutions. *Historical Studies in the Natural Sciences*, 42(5):476–478, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.476.pdf`.

Gode:1949:HAI

[God49] P. K. Gode. History of ambergris in India between about A.D. 700 and 1900. *Chymia: Annual Studies in the History of Chemistry*, 2(??):51–56, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757133`.

Goldberg:1960:CO

[Gol60] Edward D. Goldberg. Chemists and the oceans. *Chymia: Annual Studies in the History of Chemistry*, 6(??):162–179, ????

1960. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757197.

Goldberg:1970:DEB

[Gol70] Stanley Goldberg. In defense of ether: The British response to Einstein's Special Theory of Relativity, 1905–1911. *Historical Studies in the Physical Sciences*, 2(??):89–125, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757305.

Goldberg:1976:MPP

[Gol76] Stanley Goldberg. Max Planck's philosophy of nature and his elaboration of the Special Theory of Relativity. *Historical Studies in the Physical Sciences*, 7(??):125–160, ???? 1976. CODEN HSPSAS. ISBN 0-691-08169-7. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757355.

Golan:2000:BWD

[Gol00] Tal Golan. Blood will out: Distinguishing humans from animals and scientists from charlatans in the 19th-Century American courtroom. *Historical Studies in the Physical and Biological Sciences*, 31(1):93–124, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Golinski:2007:BWC

[Gol07] Jan Golinski. *British weather and the climate of enlightenment*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-30205-9 (cloth). xv + 284 pp. LCCN QC989.G69 G66
2007. URL http://www.h-net.org/review/hrev-a0f8a2-aa; http://www.loc.gov/catdir/enhancements/fy0702/2006031722-t.html; http://www.loc.gov/catdir/enhancements/fy0707/2006031722-b.html; http://www.loc.gov/catdir/enhancements/fy0707/2006031722-d.html.

Gold:2010:TEV

[Gol10] Barri J. Gold. *ThermoPoetics: energy in Victorian literature and science*. MIT Press, Cambridge, MA, USA, 2010. ISBN 0-262-01372-X (hardcover). x + 343 pp. LCCN PR468.S34 G65 2010.

Golec:2013:BRW

[Gol13] Michael J. Golec. Book review: In the way of technical images: *Into the Universe of Technical Images*; *Hide and Seek: Camouflage, Photography, and the Media of Reconnaissance*; *Histories of Scientific Observation*; *The Interface: IBM and the Transformation of Corporate Design, 1945–1976*. *Historical Studies in the Natural Sciences*, 43(4): 539–549, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/

stable/10.1525/hsns.2013.43.4.539.

Goodman:1969:WAT

[Goo69] D. C. Goodman. Wollaston and the Atomic Theory of Dalton. *Historical Studies in the Physical Sciences*, 1(??):37–59, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757294.

Gooding:1981:FSF

[Goo81] David Gooding. Final steps to the field theory: Faraday's study of magnetic phenomena, 1845–1850. *Historical Studies in the Physical Sciences*, 11(2): 231–275, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757480.

Goodstein:1984:WES

[Goo84] Judith R. Goodstein. Waves in the earth: Seismology comes to Southern California. *Historical Studies in the Physical Sciences*, 14(2):201–230, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757533.

Good:1991:RFL

[Goo91] Gregory A. Good. The Rockefeller Foundation, the Leipzig Geophysical Institute, and National Socialism in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 21 (2):299–316, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757665.

Goodman:2003:GHB

[Goo03] Michael S. Goodman. The grandfather of the hydrogen bomb?: Anglo–American intelligence and Klaus Fuchs. *Historical Studies in the Physical and Biological Sciences*, 34(1): 1–22, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Gorman:1962:HA

[Gor62] Mel Gorman. The history of acetone, 1600–1850. *Chymia: Annual Studies in the History of Chemistry*, 8(??):97–104, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757220.

Gordin:2002:ORM

[Gor02] Michael D. Gordin. The organic roots of Mendeleev's periodic law. *Historical Studies in the Physical and Biological Sciences*, 32(2):263–290, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Gordin:2009:RCD

[Gor09] Michael D. Gordin. *Red cloud at dawn: Truman, Stalin, and the end of the atomic monopoly.* Farrar, Straus and Giroux, New York, NY, USA, 2009. ISBN

0-374-25682-9. xii + 402 pp. LCCN U264 .G67 2009.

Gordin:2014:BRT

[Gor14a] Michael D. Gordin. Book review: The Tory interpretation of history: *Is Water H_2O?: Evidence, Realism and Pluralism*, Dordrecht: Springer, 2012. xxi + 316 pp., illus., index. ISBN 978-94-007-3931-4. $189.00 (hardcover). *Historical Studies in the Natural Sciences*, 44(4):413–423, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.4.413`.

Gordin:2014:P

[Gor14b] Michael D. Gordin. Preface. *Historical Studies in the Natural Sciences*, 44(1):1–2, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.1.1`.

Gordin:2017:TAK

[Gor17] Michael D. Gordin. The trials of Arnošt K.: The dark angel of dialectical materialism. *Historical Studies in the Natural Sciences*, 47(3):320–348, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Gordin:2020:WNS

[Gor20] Michael D. Gordin. When national styles were stylish. *Historical Studies in the Natural Sciences*, 50(1–2):11–16, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Garcia-Pereda:2017:EFG

[GP17] Ignacio García-Pereda. The emergence of forest genetics in Portugal: The works of Joaquim Vieira Natividade (1899–1968) in the Alcobaça Cork Oak Station. *Historical Studies in the Natural Sciences*, 47(1):76–106, February 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Greenberg:1983:GPP

[Gre83] John Greenberg. Geodesy in Paris in the 1730s and the Paduan Connection. *Historical Studies in the Physical Sciences*, 13(2):239–260, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757516`.

Greene:2007:PND

[Gre07] Jeremy A. Greene. *Prescribing by numbers: drugs and the definition of disease*. The Johns Hopkins University Press, Baltimore, MD, USA, 2007. ISBN 0-8018-8477-2 (hardcover). xv + 318 pp. LCCN RM262.G74 2007.

Greenhalgh:2008:JOC

[Gre08] Susan Greenhalgh. *Just one child: science and policy in Deng's China*. University of California Press, Berkeley, CA, USA, 2008. ISBN 0-520-25338-8

(hardcover), 0-520-25339-6 (paperback). xxii + 403 + 6 pp. LCCN HQ766.5.C6 G74 2008. URL `http://www.loc.gov/catdir/toc/ecip0727/2007038377.html`.

Groppi:2003:SBa

[Gro03a] Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 33(2):405–413, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Groppi:2003:SBb

[Gro03b] Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 34(1):199–206, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Groppi:2004:SBa

[Gro04a] Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 34(2):399–406, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Groppi:2004:SBb

[Gro04b] Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 35(1):161–174, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Groppi:2005:SBa

[Gro05a] Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 35(2):371–382, March 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Groppi:2005:SBb

[Gro05b] Susan M. Groppi. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 36(1):197–205, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Grodwohl:2017:MSE

[Gro17] Jean-Baptiste Grodwohl. Modeling social evolution, 1964–1973: Inclusive fitness meets population structure. *Historical Studies in the Natural Sciences*, 47(1):1–41, February 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Gruber:1995:OSG

[Gru95] Carol Gruber. The overhead system in government-sponsored academic science: Origins and early development. *Historical Studies in the Physical and Biological Sciences*, 25(2):241–268, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Gavroglu:1994:AGB

[GS94] Kostas Gavroglu and Ana Simoes. The Americans, the

Germans and the beginnings of quantum chemistry. *Historical Studies in the Physical and Biological Sciences*, 25(1):47–110, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Gaspar:2011:PPR

[GS11] Júlia Gaspar and Ana Simões. Physics on the periphery: a research school at the University of Lisbon under Salazar's dictatorship. *Historical Studies in the Natural Sciences*, 41(3): 303–343, Summer 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.3.303`.

Garcia-Sancho:2022:HGP

[GSLV+22a] Miguel García-Sancho, Rhodri Leng, Gil Viry, Mark Wong, Niki Vermeulen, and James Lowe. The Human Genome Project as a singular episode in the history of genomics. *Historical Studies in the Natural Sciences*, 52(3):320–??, June 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/3/320/185531/The-Human-Genome-Project-as-a-Singular-Episode-in`.

Garcia-Sancho:2022:YSN

[GSLV+22b] Miguel García-Sancho, James Lowe, Gil Viry, Rhodri Leng, Mark Wong, and Niki Vermeulen. Yeast sequencing: "Network" genomics and institutional bridges. *Historical Studies in the Natural Sciences*, 52(3):361–??, June 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/3/361/185528/Yeast-Sequencing-Network-Genomics-and`.

Guerlac:1959:SFA

[Gue59] Henry Guerlac. Some French antecedents of the chemical revolution. *Chymia: Annual Studies in the History of Chemistry*, 5(??):73–112, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757178`.

Guerlac:1961:CLE

[Gue61] Henry Guerlac. A curious Lavoisier episode. *Chymia: Annual Studies in the History of Chemistry*, 7(??):103–108, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757207`.

Guerlac:1976:CBP

[Gue76] Henry Guerlac. Chemistry as a branch of physics: Laplace's collaboration with Lavoisier. *Historical Studies in the Physical Sciences*, 7(??):193–276, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757357`.

Guerrini:2017:I

[Gue17] Anita Guerrini. Introduction. *Historical Studies in the Natural Sciences*, 47(3):263–267, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Guenther:2022:HTY

[Gue22] Katja Guenther. How to train your analyst. *Historical Studies in the Natural Sciences*, 52 (1):123–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/123/120498/How-to-Train-Your-Analyst`.

GomezGutierrez:2011:AMD

[GUOB11] Alberto Gómez Gutiérrez, Jorge Tomás Uribe Angel, Pedro Ortiz Valdivieso, and J. E. (Jaime E.) Bernal Villegas. *Academia Mutisiana: documentos preneogranadinos de José Celestino Mutis y la promoción de sociedades científicas en la Nueva Granada*. Pontificia Universidad Javieriana, Academia Nacional de Medicina, Bogotá, Colombia, 2011. ISBN 958-716-490-3. 325 pp. LCCN QK31.M8 G655 2011.

Hartcup:1984:CA

[HA84] Guy Hartcup and T. E. Allibone. *Cockcroft and the atom*. Adam Hilger Ltd., Bristol, UK, 1984. ISBN 0-85274-759-4. xii + 320 pp. LCCN QC774.C6 H37 1984. US$18.95.

Ha:2015:DSC

[Ha15] Nathan Q. Ha. Diagnosing sex chromatin: A binary for every cell. *Historical Studies in the Natural Sciences*, 45(1):49–84, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.49`.

Hackmann:1986:SRN

[Hac86] Willem D. Hackmann. Sonar research and naval warfare 1914–1954:
a case study of a Twentieth-Century establishment science. *Historical Studies in the Physical and Biological Sciences*, 16 (1):83–110, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757558`.

Hacker:2000:MPG

[Hac00] Barton Hacker. Military patronage and the geophysical science in the United States: An introduction. *Historical Studies in the Physical and Biological Sciences*, 30(2):309–??, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Hagen:2014:BRE

[Hag14] Joel B. Hagen. Book review: Emerging ecologies: Past, present, and future: *Shaping*

Ecology: The Life of Arthur Tansley, by Peter Ayres; *Big Ecology: The Emergence of Ecosystem Science* by David C. Coleman; *Leopold's Shack and Ricketts's Lab: The Emergence of Environmentalism* by Michael J. Lannoo. *Historical Studies in the Natural Sciences*, 44(3):285–295, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.3.285`.

Hall:1962:HC

[Hal62] Marie Boas Hall. Humanism in chemistry. *Chymia: Annual Studies in the History of Chemistry*, 8(??):33–39, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757216`.

Hallonsten:2011:GBS

[Hal11] Olof Hallonsten. Growing big science in a small country: MAX-lab and the Swedish Research Policy System. *Historical Studies in the Natural Sciences*, 41(2):179–215, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.2.179`.

Hallonsten:2015:PSR

[Hal15] Olof Hallonsten. The parasites: Synchrotron radiation at SLAC, 1972–1992. *Historical Studies in the Natural Sciences*, 45(2):217–272, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.2.217`.

Hamblin:2008:PWR

[Ham08] Jacob Darwin Hamblin. *Poison in the well: radioactive waste in the oceans at the dawn of the nuclear age*. Rutgers University Press, New Brunswick, NJ, USA, 2008. ISBN 0-8135-4220-0 (hardcover). x + 311 pp. LCCN TD898 .H35 2008. URL `http://www.loc.gov/catdir/toc/ecip0715/2007015498.html`.

Hamblin:2010:BRS

[Ham10] Jacob Darwin Hamblin. Book review: Science and Technology for Every Man, Woman, and Child: Zuoyue Wang. *In Sputnik's Shadow: The President's Science Advisory Committee and Cold War America*. Piscataway, NJ: Rutgers University Press, 2008. xiii + 454 pp., illus., index. ISBN 978-0-813-54331-4. $49.95 (cloth). Lillian Hoddeson, Adrienne W. Kolb, and Catherine Westfall. *Fermilab: Physics, the Frontier, and Megascience*. Chicago: University of Chicago Press, 2008. xi + 497 pp., illus., index. ISBN 978-0-226-34623-6. $45 (cloth). W. Patrick McCray. *Keep Watching the Skies! The Story of Operation Moonwatch and the Dawn of the Space Age*. Princeton: Princeton University Press, 2008. xiii + 308 pp., illus., index. ISBN 978-0-691-12854-2. $29.95 (cloth). Michael

D. Gordin. *Red Cloud at Dawn: Truman, Stalin, and the End of the Atomic Monopoly*. New York: Farrar, Straus and Giroux, 2009. 416 pp., illus., index. ISBN 978-0-374-25682-1. $28 (cloth). Dolores L. Augustine. *Red Prometheus: Engineering and Dictatorship in East Germany, 1945–1990*. Cambridge, MA: MIT Press, 2007. xxvii + 381 pp., illus., index. ISBN 978-0-262-01236-2. $43 (cloth). *Historical Studies in the Natural Sciences*, 40(2): 259–267, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Hamblin:2013:AMN

[Ham13] Jacob Darwin Hamblin. *Arming Mother Nature: the birth of catastrophic environmentalism*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2013. ISBN 0-19-974005-4. x + 298 pp. LCCN GE180 .H35 2013.

Hanle:1979:IBH

[Han79] Paul A. Hanle. Indeterminacy before Heisenberg: The case of Franz Exner and Erwin Schrödinger. *Historical Studies in the Physical Sciences*, 10 (??):225–269, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757391`.

Hanson:2012:KSE

[Han12] Marta Hanson. Kuhn's structure in East Asia. *Historical Studies in the Natural Sciences*, 42(5):514–520, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.514.pdf`.

Hanson:2015:BRW

[Han15] Craig Ashley Hanson. Book reviews: *Wicked Intelligence: Visual Art and the Science of Experiment in Restoration London*; *Catching Nature in the Act: Réaumur and the Practice of Natural History in the Eighteenth Century*; *The Triumph of Human Empire: Verne, Morris, and Stevenson at the End of the World*. *Historical Studies in the Natural Sciences*, 45(3):493–500, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.3.493`.

Harwood:2005:TDA

[Har05] Jonathan Harwood. *Technology's dilemma: agricultural colleges between science and practice in Germany, 1860–1934*. P. Lang, Oxford, UK, 2005. ISBN 3-03910-299-0 (paperback), 0-8204-6987-4 (US: paperback). 288 pp. LCCN S535.G3 H37 2005.

Haring:2006:HRT

[Har06] Kristen Haring. *Ham radio's technical culture*. Inside technology. MIT Press, Cambridge, MA, USA, 2006. ISBN 0-262-08355-8 (hardcover). xvii +

218 pp. LCCN TK9956 .H3626 2007.

Harkness:2007:JHE

[Har07a] Deborah E. Harkness. *The Jewel house: Elizabethan London and the scientific revolution*. Yale University Press, New Haven, CT, USA, 2007. ISBN 0-300-11196-7. xviii + 349 pp. LCCN Q127.G4 H37 2007. URL `http://www.h-net.org/review/hrev-a0f5v3-aa`; `http://www.loc.gov/catdir/enhancements/fy0833/2007002683-b.html`; `http://www.loc.gov/catdir/enhancements/fy0833/2007002683-d.html`; `http://www.loc.gov/catdir/toc/ecip079/2007002683.html`.

Harrison:2007:FMF

[Har07b] Peter Harrison. *The fall of man and the foundations of science*. Cambridge University Press, Cambridge, UK, 2007. ISBN 0-521-87559-5. xi + 300 pp. LCCN BL245 .H355 2007. URL `http://www.loc.gov/catdir/enhancements/fy0827/2008272575-d.html`; `http://www.loc.gov/catdir/enhancements/fy0827/2008272575-t.html`.

Harper:2008:WNG

[Har08] Kristine Harper. *Weather by the numbers: the genesis of modern meteorology*. Transformations. MIT Press, Cambridge, MA, USA, 2008. ISBN 0-262-08378-7. ix + 308 pp. LCCN QC855 .H374 2008. URL `http://www.loc.gov/catdir/toc/ecip081/2007039860.html`.

Harrison:2009:BRA

[Har09] Mark Harrison. Book reviews: After Empire: Searching for A New Synthesis: Michael Adas. *Dominance by Design: Technological Imperatives and America's Civilizing Mission*. Cambridge, MA: Harvard Belknap Press, 2006. 542 pp., illus., index. ISBN 978-0-674-03216-3. $29.95 (cloth). Anna Crozier. *Practising Colonial Medicine: The Colonial Medical Service in British East Africa*. London: I. B. Tauris, 2007. xiv + 225 pp., illus., index. ISBN 978-1-845-11459-6. $85.00 (hardback). Rod Edmond. *Leprosy and Empire: A Medical and Cultural History*. Cambridge: Cambridge University Press, 2006. x + 255 pp., illus., index. ISBN 0-521-86584-0. $90.00 (hardback). Eric T. Jennings. *Curing the Colonizers: Hydrotherapy, Climatology, and French Colonial Spas*. Durham, NC: Duke University Press, 2006. xi + 271 pp., illus., index. ISBN 978-0-822-33822-2. $74.95 (cloth), $21.95 (paper). Richard C. Keller. *Colonial Madness: Psychiatry in French North Africa*. Chicago: University of Chicago Press, 2007. xi + 294 pp., illus., index. ISBN 978-0-226-42972-4. $70.00 (cloth), $25.00 (paper). *Historical Studies in the Natural Sci-*

ences, 39(2):258–268, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Harwood:2010:FPF

[Har10] Jonathan Harwood. The fate of peasant-friendly plant breeding in Nazi Germany. *Historical Studies in the Natural Sciences*, 40(4):569–603, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2010.40.4.569`.

Harwood:2011:IIT

[Har11] John Harwood. *The interface: IBM and the transformation of corporate design, 1945/1976*. A Quadrant book. University of Minnesota Press, Minneapolis, MN, USA, 2011. ISBN 0-8166-7849-9, 0-8166-7039-0. 278 + 8 pp. LCCN HD9696.2.U64. URL `http://site.ebrary.com/lib/alltitles/Doc?id=10519770`.

Home:2006:I

[HdAG06] R. W. Home, Ana M. Ribeiro de Andrade, and Carlos D. Galles. Introduction. *Historical Studies in the Physical and Biological Sciences*, 36(2):209–211, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Hecht:2011:CSE

[Hec11] David K. Hecht. Constructing a scientist: Expert authority and public images of Rachel Carson. *Historical Studies in the Natural Sciences*, 41(3):277–302, Summer 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.3.277`.

Hecht:2012:BNA

[Hec12] Gabrielle Hecht. *Being nuclear: Africans and the global uranium trade*. MIT Press, Cambridge, MA, USA, 2012. ISBN 0-262-01726-1 (hardcover). xx + 451 pp. LCCN HD9539.U72 A43 2012.

Hecht:2014:BRP

[Hec14] David K. Hecht. Book review: The perpetual quest: Science and the search for authority: *Lab Coats in Hollywood: Science, Scientists, and Cinema*, by David A. Kirby; *Cold War University: Madison and the New Left in the Sixties*, by Matthew Levin; *Engineers for Change: Competing Visions of Technology in 1960s America*, by Matthew Wisnioski; *Competing with the Soviets: Science, Technology, and the State in Cold War America*, by Audra J. Wolfe. *Historical Studies in the Natural Sciences*, 44(3):277–284, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.3.277`.

Hedeen:2008:BBL

[Hed08] Stanley Hedeen. *Big Bone*

Lick: the cradle of American paleontology. University Press of Kentucky, Lexington, KY, USA, 2008. ISBN 0-8131-2485-9 (hardcover). xviii + 182 pp. LCCN QE705.U6 H43 2008. URL http://www.loc.gov/catdir/enhancements/fy0812/2007040474-b.html; http://www.loc.gov/catdir/enhancements/fy0812/2007040474-d.html; http://www.loc.gov/catdir/toc/fy0803/2007040474.html.

Heimann:1976:MCF

[Hei76] P. M. Heimann. Mayer's concept of "force": The "axis" of a new science of physics. *Historical Studies in the Physical Sciences*, 7(??):277–296, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757358.

Heilbron:1983:OEP

[Hei83] J. L. Heilbron. The origins of the exclusion principle. *Historical Studies in the Physical Sciences*, 13(2):261–310, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757517.

Heilbron:1991:CBG

[Hei91] J. L. Heilbron. The contributions of Bologna to Galvanism. *Historical Studies in the Physical and Biological Sciences*, 22 (1):57–85, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757673.

Heilbron:1993:WIO

[Hei93] J. L. Heilbron. Weighing imponderables and other quantitative science around 1800. *Historical Studies in the Physical and Biological Sciences*, 24(1 (Supplement)):1–337, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Heilbron:2007:S

[Hei07] J. L. Heilbron. Swansong. *Historical Studies in the Physical and Biological Sciences*, 37(2): 185–187, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Helmreich:2012:HKW

[Hel12] Stefan Helmreich. The house of Kuhn, by the water. *Historical Studies in the Natural Sciences*, 42(5):521–526, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.521.pdf.

Hendry:1984:CPT

[Hen84] John Hendry, editor. *Cambridge physics in the thirties*. Adam Hilger Ltd., Bristol, UK, 1984. ISBN 0-85274-761-6. 209 pp. LCCN QC51.G72 C352 1984.

Hentschel:1993:DRS

[Hen93] Klaus Hentschel. The discovery of the redshift of solar Fraunhofer lines by Rowland and Jewell in Baltimore around 1890. *Historical Studies in the Physical and Biological Sciences*, 23 (2):219–277, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757699`.

Henchman:2014:SSW

[Hen14] Anna Henchman. *The starry sky within: astronomy and the reach of the mind in Victorian literature*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2014. ISBN 0-19-968696-3. xvi + 294 pp. LCCN PR468.A79 H46 2014. URL `http://www.loc.gov/catdir/enhancements/fy1410/2013942193-b.html`; `http://www.loc.gov/catdir/enhancements/fy1410/2013942193-d.html`; `http://www.loc.gov/catdir/enhancements/fy1410/2013942193-t.html`.

Henderson:2016:GHC

[Hen16] Gabriel Henderson. Governing the hazards of climate: The development of the National Climate Program Act, 1977–1981. *Historical Studies in the Natural Sciences*, 46(2):207–242, April 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Henderson:2019:ASF

[Hen19] Gabriel Henderson. Adhering to the "Flashing Yellow Light": Heuristics of moderation and carbon dioxide politics during the 1970s. *Historical Studies in the Natural Sciences*, 49(4):384–419, September 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Herran:2008:ASR

[Her08] Nestor Herran. *Aguas, semillas y radiaciones: el laboratorio de radiactividad de la universidad de Madrid 1904–1929. (Spanish) [Water, seeds and radiation: the University of Madrid Radioactivity Laboratory 1904–1929]*, volume 52 of *Estudios sobre la ciencia*. Consejo Superior de Investigaciones Cinetificas, Madrid, Spain, 2008. ISBN 84-00-08692-9. 271 pp. LCCN MLC.

Hersch:2012:IAA

[Her12] Matthew H. Hersch. *Inventing the American astronaut*. Palgrave studies in the history of science and technology. Palgrave Macmillan, New York, NY, USA, 2012. ISBN 1-137-02527-1 (hardcover), 1-137-02528-X. xiii + 219 pp. LCCN TL789.8.U5 H53 2012. URL `http://www.loc.gov/catdir/enhancements/fy1311/2012275134-b.html`; `http://www.loc.gov/catdir/enhancements/fy1311/2012275134-d.html`; `http://www.loc.gov/`

catdir/enhancements/fy1311/2012275134-t.html.

Hetherington:1982:PVO

[Het82] Norriss S. Hetherington. Philosophical values and observation in Edwin Hubble's choice of a model of the universe. *Historical Studies in the Physical Sciences*, 13(1):41–67, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757505.

Hetherington:1987:RTH

[Het87] Norriss S. Hetherington. Review: Toward the history of X-ray astronomy. *Historical Studies in the Physical and Biological Sciences*, 17(2):357–360, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757587.

Hetherington:1989:REL

[Het89] Norriss Hetherington. Review: The extraterrestrial life debate: a productive perspective. *Historical Studies in the Physical and Biological Sciences*, 20(1):179–182, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757638.

Heymann:2006:MRP

[Hey06] Matthias Heymann. Modeling reality. Practice, knowledge, and uncertainty in atmospheric transport simulation. *Historical Studies in the Physical and Biological Sciences*, 37(1):49–85, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Heimann:1971:NFL

[HG71] P. M. Heimann and J. E. Mc Guire. Newtonian forces and Lockean powers: Concepts of matter in Eighteenth-Century thought. *Historical Studies in the Physical Sciences*, 3(??):233–306, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757320.

Heinze:2015:PCSa

[HHH15a] Thomas Heinze, Olof Hallonsten, and Steffi Heinecke. From periphery to center: Synchrotron radiation at DESY, Part I: 1962–1977. *Historical Studies in the Natural Sciences*, 45(3):447–492, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2015.45.3.447.

Heinze:2015:PCSb

[HHH15b] Thomas Heinze, Olof Hallonsten, and Steffi Heinecke. From periphery to center: Synchrotron radiation at DESY, Part II: 1977–1993. *Historical Studies in the Natural Sciences*, 45(4):513–548, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

URL http://www.jstor.org/stable/10.1525/hsns.2015.45.4.513.

Hillpern:1949:SPQ

[Hil49] Edmund P. Hillpern. Some personal qualities of Wilhelm Ostwald Recalled by a former assistant. *Chymia: Annual Studies in the History of Chemistry*, 2(??):57–64, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757134.

Hinokawa:2003:CSC

[Hin03] Shizue Hinokawa. A comparative study of cyclotron development at Cambridge and Liverpool in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 34(1): 23–39, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Hirsch:1950:IPD

[Hir50] Rudolf Hirsch. The invention of printing and the diffusion of alchemical and chemical knowledge. *Chymia: Annual Studies in the History of Chemistry*, 3 (??):115–141, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757149.

Hirosige:1969:OLT

[Hir69] Tetu Hirosige. Origins of Lorentz' Theory of Electrons and the concept of the electromagnetic field. *Historical Studies in the Physical Sciences*, 1 (??):151–209, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757298.

Hirosige:1976:EPM

[Hir76] Tetu Hirosige. The ether problem, the mechanistic worldview, and the origins of the Theory of Relativity. *Historical Studies in the Physical Sciences*, 7 (??):3–82, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757354.

Heilbron:1969:GBA

[HK69] John L. Heilbron and Thomas S. Kuhn. The genesis of the Bohr atom. *Historical Studies in the Physical Sciences*, 1(??):vi, 211–290, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757291.

Hoddeson:2008:FPF

[HKW08] Lillian Hoddeson, Adrienne W. Kolb, and Catherine Westfall. *Fermilab: physics, the frontier, and megascience*. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-34623-4 (cloth). xi + 497 pp. LCCN QC789.2.U62 F474 2008. URL http://www.loc.gov/catdir/toc/ecip0810/2008006254.html.

Hoddeson:1981:DPC

[Hod81] Lillian Hoddeson. The discovery of the point-contact transistor. *Historical Studies in the Physical Sciences*, 12(1): 41–76, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757489`.

Hoddeson:1987:FLS

[Hod87] Lillian Hoddeson. The first large-scale application of superconductivity: The Fermilab Energy Doubler, 1972–1983. *Historical Studies in the Physical and Biological Sciences*, 18(1): 25–54, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757595`.

Hoddeson:1993:DSF

[Hod93] Lillian Hoddeson. The discovery of spontaneous fission in plutonium during World War II. *Historical Studies in the Physical and Biological Sciences*, 23 (2):279–300, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757700`.

Hoffman:2017:JTA

[Hof17] Michelle D. Hoffman. Just a theory: The atomic theory debate and high school chemistry, 1905–1917. *Historical Studies in the Natural Sciences*, 47(4): 494–528, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic).

Hogan:2015:DGD

[Hog15] Andrew J. Hogan. Disrupting genetic dogma: Bridging cytogenetics and molecular biology in fragile X research. *Historical Studies in the Natural Sciences*, 45(1):174–197, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.174`.

Hogan:2019:EPH

[Hog19] Andrew J. Hogan. Expanding perspectives on heredity. *Historical Studies in the Natural Sciences*, 49(1):104–115, February 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Holmes:1962:EAC

[Hol62] Frederic L. Holmes. From elective affinities to chemical equilibria: Berthollet's Law of Mass Action. *Chymia: Annual Studies in the History of Chemistry*, 8(??):105–145, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757221`.

Holton:1978:SPM

[Hol78] Gerald Holton. Subelectrons, pre-
suppositions, and the Millikan–Ehrenhaft dispute. *Historical Studies in the Physical Sciences*, 9(??):161–224, ???? 1978. CODEN HSPSAS. ISSN 0073-2672

(print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757378`.

Holmes:1987:IOM

[Hol87] Frederic L. Holmes. The intake-output method of quantification in physiology. *Historical Studies in the Physical and Biological Sciences*, 17(2):235–270, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757583`.

Holloway:1999:PSC

[Hol99] David Holloway. Physics, the state, and civil society in the Soviet Union. *Historical Studies in the Physical and Biological Sciences*, 30(1):173–193, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Holmes:2003:CAR

[Hol03] Frederic Lawrence Holmes. Chemistry in the Académie Royale des Sciences. *Historical Studies in the Physical and Biological Sciences*, 34 (1):41–68, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Holmes:2004:IPS

[Hol04] Fredric Lawrence Holmes. Investigative and pedagogical styles in French chemistry at the end of the 17th century. *Historical Studies in the Physical and Biological Sciences*, 34 (2):277–309, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Holmes:2018:SHR

[Hol18] Matthew Holmes. Somatic hybridization: The rise and fall of a mid-Twentieth-Century biotechnology. *Historical Studies in the Natural Sciences*, 48 (1):1–23, February 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Home:2006:RAE

[Hom06] R. W. Home. The rush to accelerate: Early stages of nuclear physics research in Australia. *Historical Studies in the Physical and Biological Sciences*, 36 (2):213–241, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Hon:1989:FHV

[Hon89] Giora Hon. Franck and Hertz versus Townsend: a study of two types of experimental error. *Historical Studies in the Physical and Biological Sciences*, 20 (1):79–106, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757636`.

Hooykaas:1949:EOC

[Hoo49] R. Hooykaas. The experimental origin of chemical atomic and molecular theory before Boyle. *Chymia: Annual Studies in the*

History of Chemistry, 2(??):65–80, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757135`.

Hopper:1996:ERR

[Hop96] Teresa Hopper. Essay review: Recent books on Nazism and science: *Uncertainty: The Life and Science of Werner Heisenberg* by David Cassidy; *The Dilemmas of an Upright Man: Max Planck as Spokesman for German Science* by John Heilbron; *The Nazi Doctors: Medical Killing and the Psychology of Genocide* by Robert Jay Lifton; *Surviving the Swastika: Scientific Research in Nazi Germany* by Kristie Macrakis; *The Rocket and the Reich: Pennemunde and the Coming of the Ballistic Era* by Michael Neufeld; *Operation Epsilon: The Farm Hall Transcripts*; *Heisenberg's War: The Secret History of the German Bomb* by Thomas Powers; *Racial Hygiene: Medicine under the Nazis* by Robert N. Proctor; *Science, Technology and National Socialism* by Monika Renneberg and Mark Walker; *German National Socialism and the Quest for Nuclear Power, 1939–1949* by Mark Walker; *Health, Race and German Politics between National Unification and Nazism, 1870–1945* by Paul Weindling. *Historical Studies in the Physical and Biological Sciences*, 27(1):163–176, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757772`.

Horne:1966:AC

[Hor66] R. A. Horne. Aristotelian chemistry. *Chymia: Annual Studies in the History of Chemistry*, 11(??):21–27, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757256`.

Hoskin:2007:HH

[Hos07] Michael A. Hoskin. *The Herschels of Hanover*. Science History Publications, Cambridge, UK, 2007. ISBN 0-905193-07-5 (hardcover). x + 182 pp. LCCN QB35 .H67 2007.

Hounshell:1997:CWR

[Hou97] David Hounshell. The Cold War, RAND, and the generation of knowledge, 1946–1962. *Historical Studies in the Physical and Biological Sciences*, 27 (2):237–267, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Howell:2011:MHY

[How11] David L. Howell. May be hazardous to your health. *Historical Studies in the Natural Sciences*, 41(1):104–111, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.1.104`.

Howe:2012:BRS

[How12] Joshua P. Howe. Book review: The stories we tell: *Merchants of Doubt: How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming*, by Naomi Oreskes and Erik M. Conway. *Historical Studies in the Natural Sciences*, 42(3):244–254, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.3.244`.

Herran:2012:FDF

[HR12] Néstor Herrán and Xavier Roqué. *La física en la dictadura: físicos, cultura y poder en España, 1939–1975. (Spanish) [Physics under the Dictatorship: physicists, culture, and power in Spain]*, volume 10 of *Congressos*. Universitat Autónoma de Barcelona, Servei de Publicacions, Bellaterra, España, 2012. ISBN 84-490-3238-5. 310 pp. LCCN QC9.S7 F58 2012. URL `http://www.loc.gov/catdir/enhancements/fy1503/2013408785-b.html`; `http://www.loc.gov/catdir/enhancements/fy1503/2013408785-d.html`.

Howard:1989:EHG

[HS89] Don Howard and John J. Stachel, editors. *Einstein and the History of General Relativity: Based on the Proceedings of the 1986 Osgood Hill Conference, North Andover, Massachusetts, 8–11 May 1986*, volume 1 of *Einstein studies*. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 1989. ISBN 0-8176-3392-8. LCCN QC173.6 .E38 1989.

Holmes:2006:RGS

[HS06] Frederic Lawrence Holmes and William C. Summers. *Reconceiving the gene: Seymour Benzer's adventures in phage genetics*. Yale University Press, New Haven, CT, USA, 2006. ISBN 0-300-11078-2 (hardcover). ix + 334 pp. LCCN QH429.2.B46 H65 2006.

Hepler-Smith:2017:GTI

[HS17] Evan Hepler-Smith. Grasping the technical image. *Historical Studies in the Natural Sciences*, 47(1):117–125, February 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Hepler-Smith:2018:WTB

[HS18] Evan Hepler-Smith. A way of thinking backwards: Computing and method in synthetic organic chemistry. *Historical Studies in the Natural Sciences*, 48(3):300–337, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Hu:2004:OCE

[Hu04] Danian Hu. Organized criticism of Einstein and Relativity in China, 1949–1989. *Historical Studies in the Physical*

and Biological Sciences, 34(2): 311–338, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Hufbauer:1971:SSC

[Huf71] Karl Hufbauer. Social support for chemistry in Germany during the Eighteenth Century: How and why did it change? *Historical Studies in the Physical Sciences*, 3(??): 205–231, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757319`.

Hufbauer:1981:ATS

[Huf81] Karl Hufbauer. Astronomers take up the stellar-energy problem, 1917–1920. *Historical Studies in the Physical Sciences*, 11(2):277–303, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757481`.

Hufbauer:1994:AEB

[Huf94] Karl Hufbauer. Artificial eclipses: Bernard Lyot and the coronagraph, 1929–1939. *Historical Studies in the Physical and Biological Sciences*, 24(2):337–394, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Hufbauer:2007:LYS

[Huf07] Karl Hufbauer. Landau's youthful sallies into stellar theory: Their origins, claims, and receptions. *Historical Studies in the Physical and Biological Sciences*, 37(2):337–354, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Hughes:2011:GBB

[Hug11] Sally Smith Hughes. *Genentech: the beginnings of biotech*. Synthesis. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-35918-2 (hardcover). xv + 213 pp. LCCN HD9999.B444 H85 2011.

Hui:2022:HCD

[Hui22] Alexandra Hui. How to call a duck. *Historical Studies in the Natural Sciences*, 52(1):128–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/128/120499/How-to-Call-a-Duck`.

Hunt:1986:EEO

[Hun86] Bruce Hunt. Experimenting on the ether: Oliver J. Lodge and the Great Whirling Machine. *Historical Studies in the Physical and Biological Sciences*, 16 (1):111–134, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757559`.

Hunt:2010:PPL

[Hun10] Bruce J. Hunt. *Pursuing power and light: technology and*

physics from James Watt to Albert Einstein. Johns Hopkins introductory studies in the history of science. The Johns Hopkins University Press, Baltimore, MD, USA, 2010. ISBN 0-8018-9358-5 (hardcover), 0-8018-9359-3 (paperback). 182 pp. LCCN T173.8 .H92 2010.

Hunter:2013:WIV

[Hun13] Matthew C. Hunter. *Wicked intelligence: visual art and the science of experiment in Restoration London*. University of Chicago Press, Chicago, IL, USA, 2013. ISBN 0-226-01729-X (hardcover), 0-226-01732-X (e-book). xv + 329 + 10 pp. LCCN Q222 .H86 2013.

Hunt:2015:MMM

[Hun15] Bruce J. Hunt. Maxwell, measurement, and the modes of electromagnetic theory. *Historical Studies in the Natural Sciences*, 45(2):303–339, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.2.303`.

HurtadoDeMendoza:2006:PSF

[HV06] Diego Hurtado De Mendoza and Ana Maria Vara. Political storms, financial uncertainties, and dreams of "big science:" The construction of a heavy ion accelerator in Argentina. *Historical Studies in the Physical and Biological Sciences*, 36(2):343–364, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Hyun:2019:TNO

[Hyu19] Jaehwan Hyun. Tracing national origins, debating ethnic homogeneity: Population genetics and the politics of national identity in South Korea. *Historical Studies in the Natural Sciences*, 49(4):351–383, September 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Ianniello:1993:ENB

[Ian93] Maria Grazia Ianniello. Elastic Nachwirkung, Brownian motion and the tide against determinism: 1835–1920. *Historical Studies in the Physical and Biological Sciences*, 24(1):41–100, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Igo:2018:MMD

[Igo18] Sarah E. Igo. Me and my data. *Historical Studies in the Natural Sciences*, 48(5):616–626, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Ihde:1964:ARR

[Ihd64] Aaron J. Ihde. Alchemy in reverse: Robert Boyle on the degradation of gold. *Chymia: Annual Studies in the History of Chemistry*, 9(??):47–57, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757231`.

Im:1995:FDR

[Im95] Gyeong Soon Im. The formation and development of the Ramsauer effect. *Historical Studies in the Physical and Biological Sciences*, 25(2):269–300, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

IrinaPodgorny:2023:AUM

[Iri23] Susana V. García Irina Podgorny . Armadillos under the microscope: The end of natural history and the emergence of bio-materials research. *Historical Studies in the Natural Sciences*, 53(3):332–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/3/332/196656/Armadillos-under-the-MicroscopeThe-End-of-Natural`.

Isaac:2012:WKM

[Isa12] Joel Isaac. *Working knowledge: making the human sciences from Parsons to Kuhn*. Harvard University Press, Cambridge, MA, USA, 2012. ISBN 0-674-06574-3 (hardcover), 0-674-06522-0 (e-book). vi + 314 pp. LCCN H62 .I77 2012.

Ito:2002:VPS

[Ito02] Kenji Ito. Values of 'pure science': Nishina Yoshio's wartime discourse between nationalism and physics, 1940–1945. *Historical Studies in the Physical and Biological Sciences*, 33(1): 61–86, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

J:2023:DD

[J.23] Amrah Salomón J. Drawing on the difuentes. *Historical Studies in the Natural Sciences*, 53(1):91–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/91/195528/Drawing-on-the-Difuentes`.

Jackson:2006:HTP

[Jac06] Myles W. Jackson. *Harmonious triads: physicists, musicians, and instrument makers in Nineteenth-Century Germany*. Transformations. MIT Press, Cambridge, MA, USA, 2006. ISBN 0-262-10116-5. x + 395 pp. LCCN ML3805 .J33 2006. URL `http://www.loc.gov/catdir/toc/fy0710/2006044991.html`.

Jacobsen:2007:LRM

[Jac07] Anja Skaar Jacobsen. Léon Rosenfeld's Marxist defense of complementarity. *Historical Studies in the Physical and Biological Sciences*, 37(S1):3–34, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.3.pdf`.

Jackson:2009:BRM

[Jac09] Myles W. Jackson. Book review: Molecular Genetics: Redefining the Relationship between Science and Society: M. Susan Lindee. *Moments of Truth in Genetic Medicine*. Baltimore: Johns Hopkins University Press, 2005. xii + 270 pp., illus. ISBN 978-0-801-89101-4. $25.00 (paperback).
Shobita Parthasarathy. *Building Genetic Medicine: Breast Cancer, Technology, and the Comparative Politics of Health Care*. Cambridge, MA: MIT Press, 2007. x + 271 pp., illus. ISBN 978-0-262-16242-5. $35.00 (cloth). Michael A. Fortun. *Promising Genomics: Iceland and deCODE Genetics in a World of Speculation*. Berkeley: University of California Press, 2008. x + 330 pp., illus. ISBN 978-0-520-24751-2. $24.95 (paperback). *Historical Studies in the Natural Sciences*, 39(3):367–376, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Jacobsen:2012:LRP

[Jac12] Anja Skaar Jacobsen. *Léon Rosenfeld: physics, philosophy, and politics in the twentieth century*. World Scientific Publishing Co., Singapore; Philadelphia, PA, USA; River Edge, NJ, USA, 2012. ISBN 981-4307-81-5 (hardcover), 981-4307-82-3 (e-book), 1-280-66920-9. xii + 354 pp. LCCN QC16.R493 J326 2012. URL `http://www.worldscientific.com/worldscibooks/10.1142/7776`.

Jackson:2014:SEA

[Jac14] Catherine M. Jackson. Synthetical experiments and alkaloid analogues: Liebig, Hofmann, and the origins of organic synthesis. *Historical Studies in the Natural Sciences*, 44(4):319–363, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.4.319`.

Jain:1966:CTJ

[Jai66] N. L. Jain. Chemical theories of the Jains. *Chymia: Annual Studies in the History of Chemistry*, 11(??):11–19, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757255`.

Jansen:2011:ADB

[Jan11] Axel Jansen. *Alexander Dallas Bache: building the American nation through science and education in the nineteenth century*. Campus Verlag, Frankfurt, Germany, 2011. ISBN 3-593-39355-7. 352 pp. LCCN Q143.B2 J36 2011; Q143.B11 J36 2011.

Jensen:1984:TOE

[Jen84] Carsten Jensen. Two one-electron anomalies in the old quantum theory. *Historical Studies in the Physical Sciences*, 15(1):81–106, ???? 1984. CODEN HSPSAS. ISSN 0073-2672

(print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757543`.

Jennings:2006:CCH

[Jen06] Eric Thomas Jennings. *Curing the colonizers: hydrotherapy, climatology, and French colonial spas*. Duke University Press, Durham, NC, USA, 2006. ISBN 0-8223-3808-4 (cloth), 0-8223-3822-X (paperback). xi + 271 pp. LCCN RM813 .J46 2006. URL `http://www.h-net.org/review/hrev-a0f3m5-aa; http://www.loc.gov/catdir/toc/ecip0611/2006010438.html`.

Jones-Imhotep:2008:IE

[JI08] Edward Jones-Imhotep. Icons and electronics. *Historical Studies in the Natural Sciences*, 38 (3):405–450, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Jiang:2016:RPL

[Jia16] Lijing Jiang. Retouching the past with living things: Indigenous species, tradition, and biological research in Republican China, 1918–1937. *Historical Studies in the Natural Sciences*, 46(2):154–206, April 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

James:2015:SSR

[JJ15] Jeremiah James and Christian Joas. Subsequent and subsidiary? Rethinking the role of applications in establishing quantum mechanics. *Historical Studies in the Natural Sciences*, 45(5):641–702, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.5.641`.

Johnston:2005:WEN

[Joh05] Sean F. Johnston. From white elephant to Nobel Prize: Dennis Gabor's wavefront reconstruction. *Historical Studies in the Physical and Biological Sciences*, 36(1):35–70, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Johnson:2008:BRW

[Joh08] Ann Johnson. Book reviews: What If We Wrote the History of Science from the Perspective of Applied Science? Christophe Lécuyer. *Making Silicon Valley: Innovation and the Growth of High Tech, 1930–1970*. Cambridge, MA: MIT Press, 2005. 405 pp., illus. ISBN 978-0-262-12281-8. $40 (cloth), $22 (paper). Pap A. Ndiaye. *Nylon and Bombs: DuPont and the March of Modern America*. Trans. Elborg Forster. Baltimore: Johns Hopkins University Press, 2006. 289 pp. ISBN 978-0-8018-8444-3. $45 (hardcover). Peter J. Westwick. *Into the Black: JPL and the American Space Program 1976–2004*. New Haven: Yale University Press, 2006. 416 pp., illus. ISBN 978-0-3001-1075-3. $40 (cloth). *Historical*

Studies in the Natural Sciences, 38(4):610–620, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Johnson:2009:HBE

[Joh09] Ann Johnson. *Hitting the brakes: engineering design and the production of knowledge*. Duke University Press, Durham, NC, USA, 2009. ISBN 0-8223-4526-9 (hardcover), 0-8223-4541-2 (paperback). xviii + 207 pp. LCCN TL269.3 .J64 2009.

Johnson:2013:CMG

[Joh13] Jeffrey Allan Johnson. The case of the missing German quantum chemists: On molecular models, mobilization, and the paradoxes of modernizing chemistry in Nazi Germany. *Historical Studies in the Natural Sciences*, 43(4):391–452, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.4.391`.

Jones:2018:HWB

[Jon18] Matthew L. Jones. How we became instrumentalists (again): Data positivism since World War II. *Historical Studies in the Natural Sciences*, 48(5):673–684, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Jungnickel:1979:TRP

[Jun79] Christa Jungnickel. Teaching and research in the physical sciences and mathematics in Saxony, 1820–1850. *Historical Studies in the Physical Sciences*, 10 (??):iv + 3–47, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757386`.

Jurkowitz:2002:HLU

[Jur02] Edward Jurkowitz. Helmholtz and the liberal unification of science. *Historical Studies in the Physical and Biological Sciences*, 32(2):291–317, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kaiser:1987:ETE

[Kai87] Walter Kaiser. Early theories of the electron gas. *Historical Studies in the Physical and Biological Sciences*, 17(2):271–297, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757584`.

Kaiser:2002:CWR

[Kai02] David Kaiser. Cold War requisitions, scientific manpower, and the production of American physicists after World War II. *Historical Studies in the Physical and Biological Sciences*, 33 (1):131–159, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kaiser:2010:BMD

[Kai10] David Kaiser, editor. *Becoming MIT: moments of decision*. MIT Press, Cambridge, MA, USA, 2010. ISBN 0-262-11323-6 (hardcover). vi + 207 pp. LCCN T171.M428 B43 2010.

Kaiser:2011:CC

[Kai11] David Kaiser. Consciousness on the Charles. *Historical Studies in the Natural Sciences*, 41 (2):265–275, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2011.41.2.265.

Kapoor:1965:BPP

[Kap65] Satish C. Kapoor. Berthollet, Proust, and proportions. *Chymia: Annual Studies in the History of Chemistry*, 10(??): 53–110, ???? 1965. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757247.

Kargon:1977:TSC

[Kar77] Robert H. Kargon. Temple to science: Cooperative research and the birth of the California Institute of Technology. *Historical Studies in the Physical Sciences*, 8(??):iv + 3–31, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757365.

Karafantis:2013:SIS

[Kar13] Layne Karafantis. Sealab II and Skylab: Psychological fieldwork in extreme spaces. *Historical Studies in the Natural Sciences*, 43(5):551–588, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2013.43.5.551.

Kassell:2005:MME

[Kas05] Lauren Kassell. *Medicine and magic in Elizabethan London: Simon Forman, astrologer, alchemist, and physician*. Oxford historical monographs. Clarendon Press, New York, NY, USA, 2005. ISBN 0-19-927905-5. xviii + 281 pp. LCCN R489.F585 K37 2005. URL http://www.h-net.org/review/hrev-a0e9l9-aa; http://www.loc.gov/catdir/enhancements/fy0637/2005298872-d.html; http://www.loc.gov/catdir/enhancements/fy0637/2005298872-t.html.

Katzir:2003:EDM

[Kat03] Shaul Katzir. From explanation to description: Molecular and phenomenological theories of piezoelectricity. *Historical Studies in the Physical and Biological Sciences*, 34(1): 69–94, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Katzir:2004:EPS

[Kat04] Shaul Katzir. The emergence of the principle of symmetry in physics. *Historical Studies in the Physical and Biological Sciences*, 35(1):35–65, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Katzir:2005:EWV

[Kat05] Shaul Katzir. On "The electromagnetic world-view": a comment on an article by Suman Seth. *Historical Studies in the Physical and Biological Sciences*, 36(1):189–192, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Set04] and response [Set05].

Katzir:2009:HAE

[Kat09] Shaul Katzir. Hermann Aron's electricity meters: Physics and invention in late Nineteenth-Century Germany. *Historical Studies in the Natural Sciences*, 39(4):444–481, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Katzir:2019:EBF

[Kat19] Shaul Katzir. Employment before formulation: Uses of proto-energetic arguments. *Historical Studies in the Natural Sciences*, 49(1):1–40, February 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Kauffman:1960:SMJ

[Kau60] George B. Kauffman. Sophus Mads Jørgensen and the Werner–Jørgensen controversy. *Chymia: Annual Studies in the History of Chemistry*, 6(??): 180–204, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757198`.

Kauffman:1967:AWH

[Kau67a] George B. Kauffman. Alfred Werner's "*Habilitationsschrift*". *Chymia: Annual Studies in the History of Chemistry*, 12(??): 183–187, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757281`.

Kauffman:1967:CNE

[Kau67b] George B. Kauffman. On coordination number "eight" and the variable coordination number, by Alfred Werner. *Chymia: Annual Studies in the History of Chemistry*, 12(??):221–232, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757284`.

Kauffman:1967:RDM

[Kau67c] George B. Kauffman. A recently discovered manuscript by Alfred Werner. *Chymia: Annual Studies in the History of Chemistry*, 12(??):217–219, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757283`.

Keller:1996:DET

[Kel96] Evelyn Fox Keller. *Drosophila* embryos as transitional objects: The work of Donald Poulson and Christiane Nüsslein-Volhard. *Historical Studies in the Physical and Biological Sciences*, 26(2):313–346, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Keller:2007:CMP

[Kel07] Richard C. (Richard Charles) Keller. *Colonial madness: psychiatry in French North Africa*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-42972-5 (cloth), 0-226-42973-3 (paperback). xi + 294 pp. LCCN RC451.A42 K45 2007. URL `http://www.h-net.org/review/hrev-a0f7o5-aa; http://www.loc.gov/catdir/enhancements/fy0707/2006026923-b.html; http://www.loc.gov/catdir/enhancements/fy0707/2006026923-d.html; http://www.loc.gov/catdir/toc/ecip0619/2006026923.html`.

Keller:2008:OMT

[Kel08] Evelyn Fox Keller. Organisms, machines, and thunderstorms: a history of self-organization, part one. *Historical Studies in the Natural Sciences*, 38(1):45–75, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Keller:2009:OMT

[Kel09] Evelyn Fox Keller. Organisms, machines, and thunderstorms: a history of self-organization, part two. Complexity, emergence, and stable attractors. *Historical Studies in the Natural Sciences*, 39(1):1–31, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Kelty:2011:SR

[Kel11] Christopher Kelty. Steal this review! *Historical Studies in the Natural Sciences*, 41(2):255–264, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.2.255`.

Keller:2012:LKT

[Kel12] Evelyn Fox Keller. Lexicons, kind-terms, and world changes. *Historical Studies in the Natural Sciences*, 42(5):527–531, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.527.pdf`.

Kershaw:2013:TCL

[Ker13] Michael Kershaw. Twentieth-Century length: The origins, use, and formalization of electromagnetic standards. *Historical Studies in the Natural Sciences*, 43(2):162–201, April 2013. CODEN ???? ISSN 1939-1811

(print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.162.pdf`.

Kevles:1990:CWH

[Kev90] Dan Kevles. Cold War and hot physics: Science, security, and the American State, 1945–56. *Historical Studies in the Physical and Biological Sciences*, 20 (2):239–264, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757644`.

Kevles:1994:ACW

[Kev94] Daniel Kevles. Ananda Chakrabarty wins a patent: Biotechnology, law, and society, 1972–1980. *Historical Studies in the Physical and Biological Sciences*, 25 (1):111–135, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kevles:1997:BSB

[Kev97] Daniel J. Kevles. Big Science and big politics in the United States: Reflections on the death of the SSC and the life of the Human Genome Project. *Historical Studies in the Physical and Biological Sciences*, 27(2): 269–297, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kevles:2009:BRH

[Kev09] Daniel J. Kevles. Book reviews: Historicizing Heredity: Jim Endersby. *A Guinea Pig's History of Biology*. Cambridge, MA: Harvard University Press, 2007. xii + 499 pp., illus., index. ISBN-10: 0-674-02713-2. $27.95 (cloth). Staffan Müller-Wille and Hans-Jörg Rheinberger, eds. *Heredity Produced: At the Crossroads of Biology, Politics, and Culture, 1500–1870*. Cambridge, MA and London: MIT Press, 2007. x + 496 pp., illus., index. ISBN-13: 978-0-262-13476-7. $52.00 (cloth). James Schwartz. *In Pursuit of the Gene: From Darwin to DNA*. Cambridge, MA: Harvard University Press, 2008. xiii + 370 pp., illus., index. ISBN-13: 978-0-674-02670-4. $29.95 (cloth). *Historical Studies in the Natural Sciences*, 39(4):482–490, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Kolb:1993:MWA

[KH93] Adrienne Kolb and Lillian Hoddeson. The mirage of the 'world accelerator for world peace' and the origins of the SSC, 1953–1983. *Historical Studies in the Physical and Biological Sciences*, 24(1):101–124, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kim:2002:CBI

[Kim02] Dong-Won Kim. The conflict

between the image and role of physics in South Korea. *Historical Studies in the Physical and Biological Sciences*, 33(1): 107–129, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kim:2006:YNT

[Kim06] Dong-Won Kim. Yoshio Nishina and two cyclotrons. *Historical Studies in the Physical and Biological Sciences*, 36(2):243–273, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kim:2014:BRM

[Kim14] Mi Gyung Kim. Book review: Material enlightenments: Bruno Belhoste. *Paris savant: Parcours et rencontres au temps des Lumières*. Paris: Armand Colin, 2011. 311 pp., illus., index. ISBN: 978-2-200-25563-3. 25.40 (paper); Emma C. Spary. *Eating the Enlightenment: Food and the Sciences in Paris, 1670–1760*. Chicago: University of Chicago Press, 2012. x + 366 pp., illus., index. ISBN: 978-0-226-76886-1. $45.00 (hardcover).; Sean Takats. *The Expert Cook in Enlightenment France*. Baltimore, MD: Johns Hopkins University Press, 2011. x + 203 pp., illus., index. ISBN: 978-1-4214-0283-3. $60.00 (hardcover). *Historical Studies in the Natural Sciences*, 44(4):424–433, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.4.424`.

Kingston:2011:BRD

[Kin11] Ralph Kingston. Book review: Do ancient artifacts have politics? *The Zodiac of Paris: How an Improbable Controversy over an Ancient Egyptian Artifact Provoked a Modern Debate between Religion and Science* by Jed Z. Buchwald and Diane Greco Josefowicz. *Historical Studies in the Natural Sciences*, 41(4):457–469, November 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.4.457`.

Kinukawa:2013:LVC

[Kin13] Tomomi Kinukawa. Learned vs. commercial?: The commodification of nature in early modern natural history specimen exchanges in England, Germany, and The Netherlands. *Historical Studies in the Natural Sciences*, 43(5):589–618, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.5.589`.

Kirsch:2005:PGP

[Kir05] Scott Kirsch. *Proving grounds: Project Plowshare and the unrealized dream of nuclear earthmoving*. Rutgers University Press, New Brunswick, NJ,

USA, 2005. ISBN 0-8135-3666-9 (hardcover). xi + 257 pp. LCCN TA748 .K57 2005. URL `http://www.loc.gov/catdir/toc/ecip057/2005002579.html`.

Kirby:2011:LCH

[Kir11] David A. (David Allen) Kirby. *Lab coats in Hollywood: science, scientists, and cinema*. MIT Press, Cambridge, MA, USA, 2011. ISBN 0-262-01478-5 (hardcover), 0-262-51870-8 (paperback). xiv + 265 pp. LCCN PN1995.9.S265 K57 2011.

Kitcher:2012:MLS

[Kit12] Philip Kitcher. The many lessons of structure. *Historical Studies in the Natural Sciences*, 42(5):255–282, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.532.pdf`.

Klein:1969:GC

[Kle69] Martin J. Klein. Gibbs on Clausius. *Historical Studies in the Physical Sciences*, 1(??): 127–149, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757297`.

Klein:1970:FPB

[Kle70] Martin J. Klein. The first phase of the Bohr–Einstein dialogue. *Historical Studies in the Physical Sciences*, 2(??):iv + 1–39, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757302`.

Kleinman:2019:WEA

[Kle19] Kim Kleinman. Why Edgar Anderson visited math departments: Natural history, statistics, and applied mathematics. *Historical Studies in the Natural Sciences*, 49(1):41–69, February 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Kleemans:2021:SGD

[Kle21] Machiel Kleemans. Secrecy and the genesis of the 1951 Dutch–Norwegian nuclear reactor. *Historical Studies in the Natural Sciences*, 51(1):48–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/48/116292/Secrecy-and-the-Genesis-of-the-1951-Dutch`.

Klickstein:1948:TTP

[Kli48] Herbert S. Klickstein. Thomas Thomson: Pioneer historian of chemistry. *Chymia: Annual Studies in the History of Chemistry*, 1(??):37–53, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757113`.

Klickstein:1953:CCC

[Kli53] Herbert S. Klickstein. Charles Caldwell and the controversy in America over Liebig's "*Animal*

Chemistry". *Chymia: Annual Studies in the History of Chemistry*, 4(??):129–157, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757166`.

Klickstein:1959:EFS

[Kli59] Herbert S. Klickstein. Edgar Fahs Smith — his contributions to the history of chemistry. *Chymia: Annual Studies in the History of Chemistry*, 5(??):11–30, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757173`.

Kline:2013:BRR

[Kli13] Wendy Kline. Book reviews: Risk and responsibility: The brave new world of reproductive medicine. Rene Almeling. *Sex Cells: The Medical Market for Eggs and Sperm*. Berkeley: University of California Press, 2011. vii + 228 pp., index. ISBN 978-0520-27096-1. $24.95 (paper).; Annie Murphy Paul. *Origins: How the Nine Months Before Birth Shape the Rest of Our Lives*. New York: Simon and Schuster, 2010. vii + 306, index. ISBN 978-0-7432-9663-2. $15 (paper).; Heather Munro Prescott. *The Morning After: A History of Emergency Contraception in the United States*. New Brunswick, NJ: Rutgers University Press, 2012. vii + 153 pp., index. ISBN 978-0-8135-5163-0. $22.95 (paper).; Chikako Takeshita. *The Global Biopolitics of the IUD: How Science Constructs Contraceptive Users and Women's Bodies*. Cambridge, MA: MIT Press, 2012. xi + 238, index. ISBN 978-0-262-01658-2. $30 (hardcover). *Historical Studies in the Natural Sciences*, 43(2): 236–242, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.236.pdf`.

Kohler:1971:OGL

[Koh71] Robert E. Kohler, Jr. The origin of G. N. Lewis's theory of the shared pair bond. *Historical Studies in the Physical Sciences*, 3(??):343–376, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757322`.

Kohler:1974:ILO

[Koh74] Robert E. Kohler, Jr. Irving Langmuir and the "Octet" Theory of Valence. *Historical Studies in the Physical Sciences*, 4 (??):39–87, ???? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757327`.

Kohler:1975:LLT

[Koh75] Robert E. Kohler, Jr. The Lewis–Langmuir theory of valence and the chemical community, 1920–1928. *Historical Studies in the Physical Sciences*,

6(??):431–468, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757346`.

Kohler:1977:RSI

[Koh77] Robert E. Kohler, Jr. Rudolf Schoenheimer, isotopic tracers, and biochemistry in the 1930's. *Historical Studies in the Physical Sciences*, 8(??): 257–298, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757372`.

Kohler:1991:SPD

[Koh91] Robert E. Kohler. Systems of production: *Drosophila*, *Neurospora*, and biochemical genetics. *Historical Studies in the Physical and Biological Sciences*, 22(1):87–130, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757674`.

Kohler:2008:PPC

[Koh08] Robert E. Kohler. Plants and pigeonholes: Classification as a practice in American ecology. *Historical Studies in the Natural Sciences*, 38(1):77–108, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Kohlstedt:2010:TCS

[Koh10] Sally Gregory Kohlstedt. *Teaching children science: hands-on nature study in North America, 1890–1930*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-44990-4 (hardcover), 0-226-44992-0 (e-book). xv + 363 pp. LCCN LB1585.3 .K64 2010. URL `http://site.ebrary.com/id/10389565`.

Kohler:2011:PEA

[Koh11] Robert E. Kohler. Paul Errington, Aldo Leopold, and wildlife ecology: Residential science. *Historical Studies in the Natural Sciences*, 41(2):216–254, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.2.216`.

Koizumi:1975:EJF

[Koi75] Kenkichiro Koizumi. The emergence of Japan's first physicists: 1868–1900. *Historical Studies in the Physical Sciences*, 6(??): iv + 3–108, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757339`.

Koizumi:2007:TCF

[Koi07] Kenkichiro Koizumi. Technology at a crossroads: The Fifth Generation Computer Project in Japan. *Historical Studies in the Physical and Biological Sciences*, 37(2):355–368, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kojevnikov:1999:DAK

[Koj99a] Alexei Kojevnikov. Dialogues about knowledge and power in totalitarian political culture. *Historical Studies in the Physical and Biological Sciences*, 30 (1):227–248, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kojevnikov:1999:FCQ

[Koj99b] Alexei Kojevnikov. Freedom, collectivism, and quasiparticles: Social metaphors in quantum physics. *Historical Studies in the Physical and Biological Sciences*, 29(2):295–331, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kojevnikov:2002:DBC

[Koj02] Alexei Kojevnikov. David Bohm and collective movement. *Historical Studies in the Physical and Biological Sciences*, 33(1): 161–192, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kozhevnikov:1991:PKS

[Koz91] Aleksei Kozhevnikov. Piotr Kapitza and Stalin's government: a study in moral choice. *Historical Studies in the Physical and Biological Sciences*, 22 (1):131–164, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757675`.

Krige:1986:CCF

[KP86] John Krige and Dominique Pestre. The choice of CERN's first large bubble chambers for the proton synchrotron (1957–1958). *Historical Studies in the Physical and Biological Sciences*, 16(2): 255–279, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757566`.

Kaiser:2018:PGP

[KR18] David Kaiser and Dean Rickles. The price of gravity: Private patronage and the transformation of gravitational physics after World War II. *Historical Studies in the Natural Sciences*, 48(3): 338–379, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Kragh:1979:NBS

[Kra79] Helge Kragh. Niels Bohr's second atomic theory. *Historical Studies in the Physical Sciences*, 10(??):123–186, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757389`.

Kragh:1982:CPT

[Kra82] Helge Kragh. Cosmo-physics in the thirties: Towards a history of Dirac cosmology. *Historical Studies in the Physical Sciences*, 13(1):69–108, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic).

URL http://www.jstor.org/stable/27757506.

Kragh:1985:FSH

[Kra85] Helge Kragh. The fine structure of hydrogen and the gross structure of the physics community, 1916–26. *Historical Studies in the Physical Sciences*, 15 (2):67–125, ???? 1985. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757550.

Kragh:2007:CEC

[Kra07] Helge S. Kragh. Cosmology and the entropic creation argument. *Historical Studies in the Physical and Biological Sciences*, 37 (2):369–382, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kraft:2009:MTL

[Kra09a] Alison Kraft. Manhattan transfer: Lethal radiation, bone marrow transplantation, and the birth of stem cell biology, ca. 1942–1961. *Historical Studies in the Natural Sciences*, 39(2):171–218, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Kragh:2009:SAB

[Kra09b] Helge Kragh. The spectrum of the *Aurora Borealis*: From enigma to laboratory science. *Historical Studies in the Natural Sciences*, 39(4):377–417, November 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Kragh:2014:NBB

[Kra14] Helge Kragh. Naming the Big Bang. *Historical Studies in the Natural Sciences*, 44(1):3–36, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2014.44.1.3.

Krementsov:2011:MSE

[Kre11] N. L. Krementsov. *A Martian stranded on Earth: Alexander Bogdanov, blood transfusions, and proletarian science*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-45412-6 (hardcover). xvi + 175 pp. LCCN QH305.2.S63 K74 2011.

Kreiner:2021:OPO

[Kre21] Jamie Kreiner. Our pigs, ourselves. *Historical Studies in the Natural Sciences*, 51(4):553–??, September 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/51/4/553/118594/Our-Pigs-Ourselves.

Krige:1999:FFE

[Kri99] John Krige. The Ford Foundation, European physics, and the Cold War. *Historical Studies in the Physical and Biological Sciences*, 29(2):333–361, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Krige:2001:FBC

[Kri01] John Krige. Felix Bloch and the creation of a 'scientific spirit' at CERN. *Historical Studies in the Physical and Biological Sciences*, 32(1):57–69, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Krige:2005:PPC

[Kri05] John Krige. The politics of phosphorus-32: a Cold War fable based on fact. *Historical Studies in the Physical and Biological Sciences*, 36(1): 71–91, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Krige:2008:PAP

[Kri08] John Krige. The peaceful atom as political weapon: Euratom and American foreign policy in the late 1950s. *Historical Studies in the Natural Sciences*, 38 (1):5–44, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Kuhn:1984:RP

[Kuh84] Thomas S. Kuhn. Revisiting Planck. *Historical Studies in the Physical Sciences*, 14 (2):231–252, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757534`.

Kuklick:1995:MM

[Kuk95] Henrika Kuklick. Mind over matter? *Historical Studies in the Physical and Biological Sciences*, 25(2):361–378, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kushner:2018:QCR

[Kus18] Birdie Kushner. The question concerning reproductive technology. *Historical Studies in the Natural Sciences*, 48(4):526–535, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Kutcher:2009:CMC

[Kut09] Gerald Kutcher. *Contested medicine: cancer research and the military*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-46531-4 (hardcover). x + 247 pp. LCCN RC267 .K88 2009.

Kuznetsov:1966:DBI

[Kuz66] V. I. Kuznetsov. The development of basic ideas in the field of catalysis. *Chymia: Annual Studies in the History of Chemistry*, 11(??):179–204, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757267`.

Kuznetsov:1971:QRR

[Kuz71] Boris Kuznetsov. Quantum-relativistic retrospection and the history of classical physics:

Classical rationalism and non-classical science. *Historical Studies in the Physical Sciences*, 3(??):117–135, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757316`.

Kuznetsov:1974:NSP

[Kuz74] Boris Kuznetsov. Nonclassical science and the philosophy of optimism. *Historical Studies in the Physical Sciences*, 4 (??):197–231, ???? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757331`.

Kragh:1996:SST

[KW96] Helge Kragh and Stephen J. Weininger. Sooner silence than confusion: The tortuous entry of entropy into chemistry. *Historical Studies in the Physical and Biological Sciences*, 27 (1):91–130, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kwa:1993:MG

[Kwa93] Chunglin Kwa. Modeling the grasslands. *Historical Studies in the Physical and Biological Sciences*, 24(1):125–155, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Kwa:2018:VGF

[Kwa18] Chunglin Kwa. The visual grasp of the fragmented landscape: Plant geographers vs. plant sociologists. *Historical Studies in the Natural Sciences*, 48(2):180–222, April 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Laemmli:2022:HCM

[Lae22] Whitney E. Laemmli. How to capture movement. *Historical Studies in the Natural Sciences*, 52(1):132–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/132/120492/How-to-Capture-Movement`.

Levey:1966:CMF

[LAKAK66] Martin Levey, Noury Al-Khaledy, and Nowry Al-Khaledy. Chemistry in the medical formulary of Al-Samarqandi. *Chymia: Annual Studies in the History of Chemistry*, 11(??):37–44, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757258`.

Lalli:2013:ARA

[Lal13] Roberto Lalli. Anti-relativity in action: The scientific activity of Herbert E. Ives between 1937 and 1953. *Historical Studies in the Natural Sciences*, 43 (1):41–104, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.41.pdf`.

Lam:2011:PFS

[Lam11] Tong Lam. *A passion for facts: social surveys and the construction of the Chinese nation state, 1900–1949*, volume 9 of *Asia Pacific modern*. University of California Press, Berkeley, CA, USA, 2011. ISBN 0-520-26786-9 (hardcover). xiii + 263 pp. LCCN HN740.Z9 S6752 2011.

Lamy:2018:MAT

[Lam18] Jérôme Lamy. The measure of all things: Space oceanography and the TOPEX/POSEIDON Mission, 1980s 1990s. *Historical Studies in the Natural Sciences*, 48(4):403–440, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Lannoo:2010:LSR

[Lan10] Michael J. Lannoo. *Leopold's shack and Ricketts's lab: the emergence of environmentalism*. University of California Press, Berkeley, CA, USA, 2010. ISBN 0-520-26478-9 (hardcover). xix + 196 pp. LCCN GE195 .L37 2010.

Lane:2011:GMS

[Lan11] K. Maria D. Lane. *Geographies of Mars: seeing and knowing the Red Planet*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-47078-4 (hardcover). xiii + 266 pp. LCCN QB641 .L366 2011.

Lancaster:2019:HSC

[Lan19] Cheryl Lancaster. The history of stem cell research: A philosophical review. *Historical Studies in the Natural Sciences*, 49(4):447–458, September 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Lans:2023:BS

[Lan23] Aja M. Lans. Bioarchaeology of the self. *Historical Studies in the Natural Sciences*, 53(1): 79–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/79/195536/Bioarchaeology-of-the-Self`.

Larson:2017:NDS

[Lar17] Carolyne R. Larson. "Noble and delicate sentiments": Museum natural scientists as an emotional community in Argentina, 1862–1920. *Historical Studies in the Natural Sciences*, 47(1): 42–75, February 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Laucht:2012:EGK

[Lau12] Christoph Laucht. *Elemental Germans: Klaus Fuchs, Rudolf Peierls, and the making of British nuclear culture 1939–59*. Palgrave Macmillan, Houndmills, Basingstoke, Hampshire, UK, 2012. ISBN 0-230-35487-4 (hardcover). xiv + 274 pp. LCCN QC773.3.G7 L38 2012.

Launius:2014:BRA

[Lau14] Roger D. Launius. Book reviews:

Alexander C. T. Geppert, Ed. *Imagining Outer Space: European Astroculture in the Twentieth Century*. New York: Palgrave Macmillan, 2012. xxix + 393 pp., color plates, notes, index. ISBN 978-0-230-23172-6. $105.00 (hardcover).; Matthew H. Hersch. *Inventing the American Astronaut*. New York: Palgrave Macmillan, 2012. x + 219 pp., illus., notes, selected biblio., index. ISBN 978-1-137-02528-9. $27.00 (paper).; David P. D. Munns. *A Single Sky: How an International Community Forged the Science of Radio Astronomy*. Cambridge, MA: MIT Press, 2013. x + 247 pp., illus., biblio., index. ISBN 978-0-262-01833-3. $34.00, £23.95 (hardcover).; Kendrick Oliver. *To Touch the Face of God: The Sacred, the Profane, and the American Space Program, 1957–1975*. Baltimore, MD: Johns Hopkins University Press, 2013. xii + 229 pp., illus., biblio. essay, index. ISBN 978-1-4214-0788-3. $35.96 (hardcover).; Phil Tiemeyer. *Plane Queer: Labor, Sexuality, and AIDS in the History of Male Flight Attendants*. Berkeley: University of California Press, 2013. vii + 288 pp., illus., biblio., index. ISBN 978-0-520-27477-8. $24.95 (paper).; Peter J. Westwick, Ed. *Blue Sky Metropolis: The Aerospace Century in Southern California*. Foreword by William Deverell. Berkeley: University of California Press; San Marino: Huntington Library, 2012. xii + 308 pp., illus., biblio., index. ISBN 978-0-87328-249-9. $44.95, £30.95 (hardcover). *Historical Studies in the Natural Sciences*, 44(2):187–195, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.2.187`.

Lavine:2014:SAP

[Lav14] Matthew Lavine. The science of automatic precision: The rise and fall of spectro-chrome therapy. *Historical Studies in the Natural Sciences*, 44(2):140–177, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.2.140`.

Levey:1959:SAM

[LB59] Martin Levey and J. E. Burke. A study of Ancient Mesopotamian bronze. *Chymia: Annual Studies in the History of Chemistry*, 5(??):37–50, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757175`.

Lecuyer:2010:MMD

[LB10] Christophe Lécuyer and David C. Brock. *Makers of the microchip: a documentary history of Fairchild Semiconductor*. MIT Press, Cambridge, MA, USA, 2010. ISBN 0-262-01424-6 (hardcover). xi + 312 pp. LCCN TK7871.85 .L4167 2010.

Lecuyer:1992:MSB

[Lec92] Christophe Lecuyer. The making of a science based technological university: Karl Compton, James Killian, and the reform of MIT, 1930–1957. *Historical Studies in the Physical and Biological Sciences*, 23(1): 153–180, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757693`.

Lecuyer:1995:PRI

[Léc95] Christoph Lécuyer. MIT, progressive reform, and 'industrial service,' 1890–1920. *Historical Studies in the Physical and Biological Sciences*, 26(1):35–88, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Lecuyer:2006:MSV

[Léc06] Christophe Lécuyer. *Making Silicon Valley: innovation and the growth of high tech, 1930–1970*. Inside technology. MIT Press, Cambridge, MA, USA, 2006. ISBN 0-262-12281-2. x + 393 pp. LCCN HC107.C22 S395 2006. URL `http://www.h-net.org/review/hrev-a0f4a8-aa`.

Leeds:2016:DCF

[Lee16] Adam E. Leeds. Dreams in cybernetic fugue: Cold War technoscience, the intelligentsia, and the birth of Soviet mathematical economics. *Historical Studies in the Natural Sciences*, 46(5):633–668, November 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Lee:2018:MTJ

[Lee18] Victoria Lee. Microbial transformations: The Japanese domestication of penicillin production, 1946–1951. *Historical Studies in the Natural Sciences*, 48(4):441–474, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Leggett:2015:BRV

[Leg15] Don Leggett. Book reviews: *A Vision of Modern Science: John Tyndall and the Role of the Scientist in Victorian Culture*; *ThermoPoetics: Energy in Victorian Literature and Science*; *Pursuing Power and Light: Technology and Physics from James Watt to Albert Einstein;* Communicating Physics: The Production, Circulation and Appropriation of Ganot's Textbooks in France and England, 1851–1887. *Historical Studies in the Natural Sciences*, 45(3):501–510, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.3.501`.

Leicester:1948:FWL

[Lei48] Henry M. Leicester. Factors which led Mendeleev to the Periodic Law. *Chymia: Annual Studies in the History of Chemistry*, 1(??):67–74, ???? 1948.

CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757115`.

Leicester:1959:STL

[Lei59] Henry M. Leicester. The spread of the theory of Lavoisier in Russia. *Chymia: Annual Studies in the History of Chemistry*, 5(??):138–144, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757181`.

Leicester:1961:BCA

[Lei61] Henry M. Leicester. Biochemical concepts among the Ancient Greeks. *Chymia: Annual Studies in the History of Chemistry*, 7(??):9–35, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757202`.

Lekan:2023:DEM

[Lek23] Thomas M. Lekan. "A delicate equilibrium of the most complex sort": Competition and community in Edward F. Ricketts's tidepool ecologies, 1923–1948. *Historical Studies in the Natural Sciences*, 53(2):147–??, April 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/2/147/196000/A-Delicate-Equilibrium-of-the-Most-Complex-Sort`.

Lelong:2005:IEP

[Lel05] Benoit Lelong. Ions, electrometers, and physical constants: Paul Langevin's laboratory work on gas discharges, 1896–1903. *Historical Studies in the Physical and Biological Sciences*, 36(1):93–130, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Lemay:1949:DCD

[Lem49] Pierre Lemay. Désormes et Clément découvrent et expliquent la catalyse. (French) [Désormes and Clément discover and explain catalysis]. *Chymia: Annual Studies in the History of Chemistry*, 2(??):45–49, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757132`.

Lemov:2018:EHP

[Lem18] Rebecca Lemov. An episode in the history of precrime. *Historical Studies in the Natural Sciences*, 48(5):637–647, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Lenoir:1986:MID

[Len86] Timothy Lenoir. Models and instruments in the development of electrophysiology, 1845–1912. *Historical Studies in the Physical and Biological Sciences*, 17 (1):1–54, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757574`.

Leopold:2009:URC

[Leo09] Ellen Leopold. *Under the radar: cancer and the Cold War*. Critical issues in health and medicine. Rutgers University Press, New Brunswick, NJ, USA, 2009. ISBN 0-8135-4404-1. xi + 284 pp. LCCN RC276 .L46 2009. URL `http://www.loc.gov/catdir/toc/ecip0811/2008007751.html`.

Lesch:1981:CCE

[Les81] John E. Lesch. Conceptual change in an empirical science: The discovery of the first alkaloids. *Historical Studies in the Physical Sciences*, 11(2): 305–328, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757482`.

Leslie:1987:PEG

[Les87] Stuart W. Leslie. Playing the education game to win: The military and interdisciplinary research at Stanford. *Historical Studies in the Physical and Biological Sciences*, 18(1): 55–88, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757596`.

Leslie:1990:PLM

[Les90] Stuart W. Leslie. Profit and loss: The military and MIT in the postwar era. *Historical Studies in the Physical and Biological Sciences*, 21(1):59–85, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757655`.

Leslie:2001:BCS

[Les01] Stuart W. Leslie. Blue collar science: Bringing the transistor to life in the Lehigh Valley. *Historical Studies in the Physical and Biological Sciences*, 32(1): 71–113, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Lesch:2007:FMD

[Les07] John E. Lesch. *The first miracle drugs: how the sulfa drugs transformed medicine*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2007. ISBN 0-19-518775-X (cloth). x + 364 pp. LCCN RM666.S88 L47 2007. URL `http://www.loc.gov/catdir/enhancements/fy0726/2005036136-d.html`; `http://www.loc.gov/catdir/toc/ecip065/2005036136.html`.

Leslie:2008:DKB

[Les08] Stuart W. Leslie. 'A different kind of beauty': Scientific and architectural style in I. M. Pei's Mesa Laboratory and Louis Kahn's Salk Institute. *Historical Studies in the Natural Sciences*, 38(2):173–221, May 2008. CODEN ???? ISSN 1939-

1811 (print), 1939-182X (electronic).

Levey:1959:RGA

[Lev59] Martin Levey. The refining of gold in Ancient Mesopotamia. *Chymia: Annual Studies in the History of Chemistry*, 5(??):31–36, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757174`.

Levey:1960:EMC

[Lev60a] Martin Levey. Early Muslim chemistry: Its debt to Ancient Babylonia. *Chymia: Annual Studies in the History of Chemistry*, 6(??):20–26, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757191`.

Levey:1960:GAT

[Lev60b] Martin Levey. A group of Akkadian texts on perfumery. *Chymia: Annual Studies in the History of Chemistry*, 6(??):11–19, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757190`.

Levey:1961:AIA

[Lev61a] Martin Levey. Alberuni and Indian alchemy. *Chymia: Annual Studies in the History of Chemistry*, 7(??):36–39, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757203`.

Levey:1961:MIL

[Lev61b] Martin Levey. The manufacture of inks, līqs, erasure fluids, and glues — a preliminary survey in Arabic chemical technology. *Chymia: Annual Studies in the History of Chemistry*, 7(??):57–72, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757205`.

Levey:1961:SDA

[Lev61c] Martin Levey. Studies in the development of atomic theory. *Chymia: Annual Studies in the History of Chemistry*, 7(??):40–56, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757204`.

Levey:1962:AAK

[Lev62] Martin Levey. The Aqrābādhīn of al-Kindī and early Arabic chemistry. *Chymia: Annual Studies in the History of Chemistry*, 8(??):11–20, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757214`.

Levey:1964:CTC

[Lev64a] Martin Levey. Chemical technology and commercial law in early Islam. *Chymia: Annual Studies in the History of Chemistry*, 9(??):19–25, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757228`.

Levey:1964:CKA

[Lev64b] Martin Levey. Chemistry in the "*Kitab Al-Sumum*" ("*Book of Poisons*") by "Ibn Al-Wahshiya". *Chymia: Annual Studies in the History of Chemistry*, 9(??):33–45, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757230`.

Levey:1964:SBI

[Lev64c] Martin Levey. Some black inks in early Mediaeval Jewish literature. *Chymia: Annual Studies in the History of Chemistry*, 9(??):27–31, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757229`.

Levey:1966:CNE

[Lev66] Martin Levey. Chemical notions of an early Ninth-Century Christian encyclopedist. *Chymia: Annual Studies in the History of Chemistry*, 11(??):29–36, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757257`.

Levey:1967:AMT

[Lev67a] Martin Levey. Arabic mineralogy of the Tenth Century. *Chymia: Annual Studies in the History of Chemistry*, 12(??): 15–26, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757272`.

Levey:1967:MAM

[Lev67b] Martin Levey. Medieval Arabic minting of gold and silver coins. *Chymia: Annual Studies in the History of Chemistry*, 12(??):3–14, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757271`.

Levitt:2000:DPA

[Lev00] Martin Levitt. The development and politicization of the American helium industry, 1917–1940. *Historical Studies in the Physical and Biological Sciences*, 30 (2):333–347, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Levin:2013:CWU

[Lev13] Matthew Levin. *Cold War university: Madison and the New Left in the sixties*. Studies in American thought and culture. The University of Wisconsin Press, Madison, 2013. ISBN 0-299-29284-3 (paperback), 0-299-29283-5 (e-book). vii + 224 + 14 pp. LCCN F589.M15 L48 2013.

Lewis:2011:DFN

[Lew11] Andrew J. (Andrew John) Lewis. *A democracy of facts: natural history in the early republic*. Early American studies. University of Pennsylvania Press, Philadelphia, PA, USA, 2011. ISBN 0-8122-4308-0 (hardcover). 204 pp. LCCN QH21.U6 L48 2011.

Lewenstein:2012:FKF

[Lew12] Bruce V. Lewenstein. Finding Kuhn, finding myself. *Historical Studies in the Natural Sciences*, 42(5):538–541, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.538.pdf`.

Lowe:2022:AWN

[LGSL+22] James Lowe, Miguel García-Sancho, Rhodri Leng, Mark Wong, Niki Vermeulen, and Gil Viry. Across and within networks: Thickening the history of genomics. *Historical Studies in the Natural Sciences*, 52 (3):443–??, June 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/3/443/185527/Across-and-within-NetworksThickening-the-History`.

Lindee:2005:MTG

[Lin05] M. Susan Lindee. *Moments of truth in genetic medicine*. The Johns Hopkins University Press, Baltimore, MD, USA, 2005. ISBN 0-8018-8175-7 (hardcover), 0-8018-9101-9 (paperback). xii + 270 pp. LCCN RB155 .L555 2005. URL `http://www.loc.gov/catdir/toc/ecip054/2004028267.html`.

Lindee:2009:BRT

[Lin09] Susan Lindee. Book reviews: Transubstantiation in Science: Angela N. H. Creager, Elizabeth Lunbeck, and M. Norton Wise, eds. *Science Without Laws: Model Systems, Cases, Exemplary Narratives*. Durham, NC: Duke University Press, 2007. 287 pp., illus., index. ISBN 978-0-8223-4046-1. $22.95 (cloth). Jessica Riskin, ed. *Genesis Redux: Essays in the History and Philosophy of Artificial Life*. Chicago: University of Chicago Press, 2007. xv + 389 pp., illus., ISBN 978-0-226-72080-7. $25.00 (cloth). *Historical Studies in the Natural Sciences*, 39(2):248–257, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Lindee:2020:FPA

[Lin20] M. Susan Lindee. First peoples of the atomic age: Finding new kinds of data in the biobanks of the radiation effects research foundation. *Historical Studies in the Natural Sciences*, 50(5):554–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/5/554/114254/First-Peoples-of-the-Atomic-AgeFinding-New-Kinds`.

Liu:2019:ACS

[Liu19] Daniel Liu. The artificial cell, the semipermeable membrane, and the life that never was, 1864–1901. *Historical Studies in the Natural Sciences*, 49(5):504–555, November 2019. CODEN

???? ISSN 1939-1811 (print), 1939-182X (electronic).

Leicester:1950:TLD

[LK50] Henry M. Leicester and Herbert S. Klickstein. Tenney Lombard Davis and the history of chemistry. *Chymia: Annual Studies in the History of Chemistry*, 3(??):1–16, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757143`.

Lykknes:2005:EGD

[LKB05] Annette Lykknes, Lise Kvittingen, and Anne Kristine Børresen. Ellen Gleditsch: Duty and responsibility in a research and teaching career, 1916–1946. *Historical Studies in the Physical and Biological Sciences*, 36(1): 131–188, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Lowe:2022:BPG

[LLV+22] James Lowe, Rhodri Leng, Gil Viry, Mark Wong, Niki Vermeulen, and Miguel García-Sancho. The bricolage of pig genomics. *Historical Studies in the Natural Sciences*, 52 (3):401–??, June 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/3/401/185530/The-Bricolage-of-Pig-Genomics`.

Lemay:1948:PLD

[LO48] Pierre Lemay and Ralph E. Oesper. Pierre Louis Dulong, his life and work. *Chymia: Annual Studies in the History of Chemistry*, 1(??):171–190, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757122`.

Locher:2008:STE

[Loc08] Fabien Locher. *Le savant et la tempête: étudier l'atmosphère et prévoir le temps au XIXe siècle*. Collection Carnot. Presses universitaires de Rennes, Rennes, France, 2008. ISBN 2-7535-0696-5. xvi + 221 pp. LCCN QC857.F7 L63 2008.

Long:2008:BRP

[Lon08] Pamela O. Long. Book reviews: Plants and Animals in History: The Study of Nature in Renaissance and Early Modern Europe: Brian W. Ogilvie. *The Science of Describing: Natural History in Renaissance Europe*. Chicago: University of Chicago Press, 2006. xvi + 385 pp., illus. ISBN 0-226-62087-5. $45 (hardcover), $27 (paper). Harold J. Cook. *Matters of Exchange: Commerce, Medicine, and Science in the Dutch Golden Age*. New Haven: Yale University Press, 2007. xiv + 562 pp. 60 black and white illus. ISBN 978-0-300-11796-7. $35 (hardcover). Alix Cooper. *Inventing the Indigenous: Local Knowledge and*

Natural History in Early Modern Europe. Cambridge: Cambridge University Press, 2007. xi + 218 pp., illus. ISBN 978-0-521-87087-0. $80 (hardcover). Antonio Barrera-Osorio. *Experiencing Nature: The Spanish American Empire and the Early Scientific Revolution*. Austin: University of Texas Press, 2006. xi + 211 pp., illus. ISBN 0-292-70981-1. $45 (hardcover). *Historical Studies in the Natural Sciences*, 38(2):313–323, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Long:2011:APR

[Lon11] Pamela O. Long. *Artisan/practitioners and the rise of the new sciences, 1400–1600*. The OSU Press Horning visiting scholars publication series. Oregon State University Press, Corvallis, OR, USA, 2011. ISBN 0-87071-609-3 (paperback), 0-87071-647-6 (e-book). xii + 196 pp. LCCN Q124.97 .L66 2011. URL `http://www.netread.com/jcusers/1309/2473069/image/lgcover.3175254.jpg`.

Longino:2012:LTS

[Lon12] Helen E. Longino. Lessons from teaching the structure of scientific revolutions. *Historical Studies in the Natural Sciences*, 42(5):542–544, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.542.pdf`.

Lowood:1986:SBa

[Low86a] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 16(2):371–377, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757570`.

Lowood:1986:SBb

[Low86b] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 17(1):183–190, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757579`.

Lowood:1987:SB

[Low87] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 17(2):369–381, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757590`.

Lowood:1988:SBb

[Low88a] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 18(2):403–414, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757608`.

Lowood:1988:SBa

[Low88b] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 19(1):199–210, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757622`.

Lowood:1989:SBb

[Low89a] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 19(2):403–413, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757629`.

Lowood:1989:SBa

[Low89b] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 20(1):183–195, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757639`.

Lowood:1990:SBb

[Low90a] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 20(2):423–436, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757649`.

Lowood:1990:SBa

[Low90b] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 21(1):197–210, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757659`.

Lowy:1990:VMD

[Löw90c] Ilana Löwy. Variances in meaning in discovery accounts: The case of contemporary biology. *Historical Studies in the Physical and Biological Sciences*, 21 (1):87–121, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757656`.

Lowood:1991:SB

[Low91] Henry Lowood. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 21(2):399–407, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757667`.

Low:1999:SCS

[Low99] Morris Low. Science and civil society in Japan: Physicists as public men and policymakers. *Historical Studies in the Physical and Biological Sciences*, 30 (1):193–225, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Low:2006:APP

[Low06] Morris F. Low. Accelerators and politics in postwar Japan.

Historical Studies in the Physical and Biological Sciences, 36 (2):275–296, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Lowengard:2023:DAB

[Low23] Sarah Lowengard. On the disappearance of the animal body: Animal fat, tallow, candles, soap, and chemistry before 1830. *Historical Studies in the Natural Sciences*, 53(3):242–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/3/242/196657/On-the-Disappearance-of-the-Animal-BodyAnimal-Fat`.

Lecuyer:2013:LMI

[LU13] Christophe Lécuyer and Takahiro Ueyama. The logics of materials innovation: The case of gallium nitride and blue light emitting diodes. *Historical Studies in the Natural Sciences*, 43(3):243–280, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.243.pdf`.

Lucier:2008:SSC

[Luc08] Paul Lucier. *Scientists and swindlers: consulting on coal and oil in America, 1820–1890*. Johns Hopkins studies in the history of technology. The Johns Hopkins University Press, Baltimore, MD, USA, 2008. ISBN 0-8018-9003-9 (hardcover). xiii + 426 pp. LCCN Q127.U6 L83 2008. URL `http://www.loc.gov/catdir/toc/ecip0811/2008006551.html`.

Lukyanov:1964:FCL

[Luk64] P. M. Luk'yanov. The first chemical laboratories in Russia. *Chymia: Annual Studies in the History of Chemistry*, 9 (??):59–69, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757232`.

Leng:2022:SSW

[LVGS+22] Rhodri Leng, Gil Viry, Miguel García-Sancho, James Lowe, Mark Wong, and Niki Vermeulen. The sequences and the sequencers: What can a mixed-methods approach reveal about the history of genomics? *Historical Studies in the Natural Sciences*, 52(3):277–??, June 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/3/277/185529/The-Sequences-and-the-SequencersWhat-Can-a-Mixed`.

Lynch:2012:KSS

[Lyn12] Michael Lynch. Kuhn's structure and science studies: a comment on commentaries. *Historical Studies in the Natural Sciences*, 42(5):545–550, November 2012. CODEN ???? ISSN 1939-1811

(print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.545.pdf`.

MacKinnon:1977:HMR

[Mac77] Edward MacKinnon. Heisenberg, models, and the rise of matrix mechanics. *Historical Studies in the Physical Sciences*, 8 (??):137–188, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757370`.

Madison:2017:PI

[Mad17] Paige Madison. The paleontological imagination. *Historical Studies in the Natural Sciences*, 47(2):255–262, April 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Maltese:2000:LER

[Mal00] Guilio Maltese. The late entrance of Relativity into Italian scientific community (1906–1930). *Historical Studies in the Physical and Biological Sciences*, 31(1):125–173, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Martini:2012:AOH

[Mar12] Edwin A. Martini. *Agent Orange: history, science, and the politics of uncertainty*. Culture, politics, and the cold war. University of Massachusetts Press, Amherst, MA, USA, 2012. ISBN 1-55849-975-X (paperback), 1-55849-974-1 (library hardcover). xvi + 302 pp. LCCN DS559.8.C5 M37 2012.

Martin:2015:FDP

[Mar15] Joseph D. Martin. Fundamental disputations: The philosophical debates that governed American physics, 1939–1993. *Historical Studies in the Natural Sciences*, 45(5):703–757, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.5.703`.

Martin:2016:SJR

[Mar16] Jennifer A. Martin. Seeing jaws: The role of shark science in ocean conservation. *Historical Studies in the Natural Sciences*, 46(1):67–100, February 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Martin:2021:SAI

[Mar21] Joseph D. Martin. Science in the age of invincible surmise: Nuclear optimism and the Michigan memorial–Phoenix project. *Historical Studies in the Natural Sciences*, 51(2):179–??, April 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/2/179/116758/Science-in-the-Age-of-Invincible-SurmiseNuclear`.

Marino:2022:FCW

[Mar22] Julia Marino. Fighting the Cold War and the "Market War" through critical technologies, 1979–1992. *Historical Studies in the Natural Sciences*, 52(4):485–??, September 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/4/485/191418/Fighting-the-Cold-War-and-the-Market-War-through`.

Masutti:2006:FCC

[Mas06] Christophe Masutti. Frederic Clements, climatology, and conservation in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 37(1): 27–48, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Mas:2022:HE

[Mas22] Catherine Mas. How not to be an expert. *Historical Studies in the Natural Sciences*, 52 (1):136–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/136/120494/How-Not-to-Be-an-Expert`.

Mateos:2015:BRC

[Mat15] Gisela Mateos. Book review: Closing and opening doors: Spanish history of science and science historiographies in Spanish: Knowledge production, circulation, and asymmetries. Alexis De Grieff. *A las puertas del universo derrotado*. Bogotá: Editorial Universidad Nacional de Colombia, 2012. 182 pp., illus., index. ISBN 978-958-761-142-7. $15.46 (hardcover); Néstor Herrán and Xavier Roqué, eds. *La física en la dictadura: Físicos, cultura y poder en España 1939–1975*. Barcelona: Universitat Autònoma de Barcelona, 2012. 310 pp., index. ISBN 978-84-490-3238-7. $20.75 (paper).; Stefan Pohl Valero. *Energía y cultura: historia de la termodinámica en la España de la segunda mitad del siglo XX*. Bogotá: Editorial Pontificia Universidad Javeriana, Editorial Universidad del Rosario, 2011. 321 pp., index. ISBN 978-958-716-498-5. $23 (paper). *Historical Studies in the Natural Sciences*, 45(1):198–205, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.198`.

Mauskopf:2012:TKC

[Mau12] Seymour H. Mauskopf. Thomas S. Kuhn and the chemical revolution. *Historical Studies in the Natural Sciences*, 42(5):551–556, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/`

stable/pdfplus/10.1525/hsns.2012.42.5.551.pdf.

Mayor:2005:FLF

[May05] Adrienne Mayor. *Fossil legends of the first Americans*. Princeton University Press, Princeton, NJ, USA, 2005. ISBN 0-691-11345-9 (cloth). xxxix + 446 pp. LCCN E58 .M36 2005. URL http://www.loc.gov/catdir/enhancements/fy0704/2004053234-d.html; http://www.loc.gov/catdir/enhancements/fy0704/2004053234-t.html; http://www.loc.gov/catdir/enhancements/fy0737/2004053234-b.html.

Mody:2013:MSN

[MC13] Cyrus C. M. Mody and Hyungsub Choi. From materials science to nanotechnology: Interdisciplinary center programs at Cornell University, 1960–2000. *Historical Studies in the Natural Sciences*, 43(2): 121–161, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.121.pdf.

McCray:2013:VEH

[McC3] Patrick (W. Patrick) McCray. *The Visioneers (eGalley): How a Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future*. Princeton University Press, Princeton, NJ, USA, 2013 (??). ISBN 1-4008-9963-X. 341 pp. LCCN Q125 .M417 2012. URL http://public.eblib.com/EBLPublic/PublicView.do?ptiID=979998.

McConnell:1964:CMH

[McC64] Virginia F. McConnell. Clara de Milt, historian of science. *Chymia: Annual Studies in the History of Chemistry*, 9(??): 201–215, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757241.

McCormmach:1970:ELE

[McC70] Russell McCormmach. Einstein, Lorentz, and the electron theory. *Historical Studies in the Physical Sciences*, 2 (??):41–87, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757304.

McCray:2004:PVC

[McC04] W. Patrick McCray. Project Vista, Caltech, and the dilemmas of Lee DuBridge. *Historical Studies in the Physical and Biological Sciences*, 34(2): 339–370, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

McCray:2008:KWS

[McC08] Patrick (W. Patrick) McCray. *Keep watching the skies!: the story of Operation Moonwatch*

and the dawn of the space age. Princeton University Press, Princeton, NJ, USA, 2008. ISBN 0-691-12854-5. xiii + 308 pp. LCCN QB33.U6 M33 2008. URL `http://www.loc.gov/catdir/enhancements/fy0835/2007941755-b.html`; `http://www.loc.gov/catdir/enhancements/fy0835/2007941755-d.html`; `http://www.loc.gov/catdir/enhancements/fy0835/2007941755-t.html`.

McCormmach:2015:HSP

[McC15] Russell McCormmach, editor. *Historical Studies in the Physical Sciences*, volume 7. Princeton University Press, Princeton, NJ, USA, 2015. ISBN 1-4008-7018-6. 528 pp. LCCN Q125; Q125 .H578 1976eb.

McEvoy:2007:MPH

[McE07] John G. McEvoy. Modernism, postmodernism and the historiography of science. *Historical Studies in the Physical and Biological Sciences*, 37(2):383–408, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

McGovern:2018:TEH

[McG18] Michael F. McGovern. Toward an epistemic history of political things: Cartography, science, and states. *Historical Studies in the Natural Sciences*, 48(3):380–389, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

McManus:2022:SIC

[McM22] Alison Lynn McManus. Science, interrupted: Censorship and the problem of credit allocation in the American Advisory Committee on Scientific Publications, 1940–46. *Historical Studies in the Natural Sciences*, 52(1):80–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/80/120500/Science-InterruptedCensorship-and-the-Problem-of`.

Moore:2023:I

[MCR23] Taylor M. Moore, Henry M. Cowles, and Chitra Ramalingam. Introduction. *Historical Studies in the Natural Sciences*, 53(1):71–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/71/195531/Introduction`.

Myers:2003:WIL

[MD03] Robert A. Myers and Richard W. Dixon. Who invented the laser: An analysis of the early patents. *Historical Studies in the Physical and Biological Sciences*, 34(1): 115–149, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Melhado:1980:MDI

[Mel80] Evan M. Melhado. Mitscherlich's discovery of isomorphism. *Historical Studies in the Physical Sciences*, 11(1):87–123, ???? 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757472`.

Melhado:1983:OPC

[Mel83] Evan M. Melhado. Oxygen, phlogiston, and caloric: The case of Guyton. *Historical Studies in the Physical Sciences*, 13 (2):311–334, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757518`.

Meli:1993:ERF

[Mel93] Domenico Bertoloni Meli. The emergence of reference frames and the transformation of mechanics in the enlightenment. *Historical Studies in the Physical and Biological Sciences*, 23 (2):301–335, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757701`.

Menzel:2021:WRL

[Men21] Julia Harriet Menzel. Wilsonian renormalization in the 1970s: Labor markets, geopolitics, and the rise of a new theory. *Historical Studies in the Natural Sciences*, 51(5):605–??, November 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/5/605/119067/Wilsonian-Renormalization-in-the-1970sLabor`.

Miles:1949:SKD

[Mil49] Wyndham Miles. Sir Kenelm Digby,
alchemist, scholar, courtier, and man of adventure. *Chymia: Annual Studies in the History of Chemistry*, 2(??):119–128, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757138`.

Miles:1950:EAC

[Mil50] Wyndham Miles. Early American
chemical societies: 1. the 1789 Chemical Society of Philadelphia 2. the Chemical Society of Philadelphia. *Chymia: Annual Studies in the History of Chemistry*, 3(??):95–113, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757148`.

Miles:1953:BRC

[Mil53] Wyndham Miles. Benjamin Rush, chemist. *Chymia: Annual Studies in the History of Chemistry*, 4(??):iv + 37–77, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757159`.

Miles:1959:CCS

[Mil59] Wyndham D. Miles. The Columbian Chemical Society. *Chymia: Annual Studies in the*

History of Chemistry, 5(??): 145–154, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757182.

Miles:1961:SHD

[Mil61] Wyndham D. Miles. "Sir Humphrey Davie, the prince of agricultural chemists". *Chymia: Annual Studies in the History of Chemistry*, 7(??):126–134, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757209.

Miles:1966:JCB

[Mil66] Wyndham D. Miles. With James Curtis Booth in Europe, 1834. *Chymia: Annual Studies in the History of Chemistry*, 11 (??):139–149, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757264.

Mills:1990:UMC

[Mil90] Eric L. Mills. Useful in many capac-
ities. an early career in American physical oceanography. *Historical Studies in the Physical and Biological Sciences*, 20(2): 265–311, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757645.

Miller:1999:XLZ

[Mil99] H. Lyman Miller. Xu Liangying and He Zuoxiu: Divergent responses to physics and politics in the post-Mao period. *Historical Studies in the Physical and Biological Sciences*, 30 (1):89–114, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Milam:2010:EWF

[Mil10a] Erika Lorraine Milam. The equally wonderful field: Ernst Mayr and organismic biology. *Historical Studies in the Natural Sciences*, 40(3):279–317, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Milam:2010:LFG

[Mil10b] Erika Lorraine Milam. *Looking for a few good males: female choice in evolutionary biology*. Animals, history, culture. The Johns Hopkins University Press, Baltimore, MD, USA, 2010. ISBN 0-8018-9419-0 (hardcover). 236 pp. LCCN QL761 .M48 2010.

Milam:2020:ISI

[Mil20] Erika Lorraine Milam. Introduction to special issue: Temporal horizons. *Historical Studies in the Natural Sciences*, 50 (1–2):1–4, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Miri:2021:FVB

[Mir21] Johnny Miri. The fall of Vannevar Bush: The forgotten war for control of science policy in

postwar America. *Historical Studies in the Natural Sciences*, 51(4):507–??, September 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/4/507/118593/The-Fall-of-Vannevar-BushThe-Forgotten-War-for`.

Mitchell:2021:BRB

[Mit21] M. X. Mitchell. Book review: *Border Crossings*. *Historical Studies in the Natural Sciences*, 51(3):414–??, June 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/3/414/117358/Border-Crossings`.

Mitchell:2023:SMS

[Mit23] Elise A. Mitchell. On slavery, medicine, speculation, and the archive. *Historical Studies in the Natural Sciences*, 53 (1):82–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/82/195537/On-Slavery-Medicine-Speculation-and-the-Archive`.

Martin:2015:BCM

[MJ15] Joseph D. Martin and Michel Janssen. Beyond the crystal maze: Twentieth-century physics from the vantage point of solid state physics. *Historical Studies in the Natural Sciences*, 45(5):631–640, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.5.631`.

Menzel:2020:WCW

[MK20] Julia Harriet Menzel and David Kaiser. Weimar, Cold War, and historical explanation: Rereading Forman. *Historical Studies in the Natural Sciences*, 50(1–2):31–40, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

McEvoy:1975:GNP

[MM75] J. G. McEvoy and J. E. McGuire. God and nature: Priestley's way of rational dissent. *Historical Studies in the Physical Sciences*, 6(??): 325–404, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757344`.

Martin:2021:SII

[MMMSD21] Joseph D. Martin, Gisela Mateos, David P. D. Munns, and Edna Suárez-Díaz. Special issue introduction: Historical peculiarity and the Order of the Phoenix. *Historical Studies in the Natural Sciences*, 51(2):169–??, April 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/2/169/116760/Special-Issue-`

IntroductionHistorical-Peculiarity.

Martin-Nielsen:2018:CCW

[MN18] Janet Martin-Nielsen. Computing the climate: When models became political. *Historical Studies in the Natural Sciences*, 48(2):223–245, April 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Mutis:2009:FNM

[MOBG09] José Celestino Mutis, Pedro Ortiz Valdivieso, J. E. (Jaime E.) Bernal Villegas, and Alberto Gómez Gutiérrez. *Filosofía natural mutisiana: edición facsimilar y estudio de un manuscrito inédito de José Celestino Mutis y Bosio, correspondiente a su tercera Oración inaugural pronunciada en el Colegio Mayor de Nuestra Señora del Rosario, Santafé, octubre de 1764*. Colección Mutisiana. Pontificia Universidad Javeriana, Bogotá, 2009. ISBN 958-716-263-3. 249 pp. LCCN BD581 .M88 2009.

Mody:2008:BRH

[Mod08] Cyrus C. M. Mody. Book reviews: How I Learned to Stop Worrying and Love the Bomb, the Nuclear Reactor, the Computer, Ham Radio, and Recombinant DNA: Atsushi Akera. *Calculating a Natural World: Scientists, Engineers, and Computers during the Rise of U.S. Cold War Research*. Cambridge, MA: MIT Press, 2007. ix + 427 pp., illus., index. ISBN 978-0262-01231-7. $40 (hardcover). Mark D. Bowles. *Science in Flux: NASA's Nuclear Program at Plum Brook Station, 1955–2005*. Washington, DC: National Aeronautics and Space Administration, 2006. xxix + 335 pp., illus., index. NASA SP-2006-4317. $0 (digital) or $49 (hardcover). Kristen Haring. *Ham Radio's Technical Culture*. Cambridge, MA: MIT Press, 2007. xvii + 220 pp., illus., index. ISBN 978-0262-08355-3. $27.95 (hardcover). Scott Kirsch. *Proving Grounds: Project Plowshare and the Unrealized Dream of Nuclear Earthmoving*. New Brunswick: Rutgers University Press, 2005. xi + 257 pp., illus., index. ISBN 978-08135-3666-8. $39.95 (cloth). Eric J. Vettel. *Biotech: The Countercultural Origins of an Industry*. Philadelphia: University of Pennsylvania Press, 2006. xv + 273 pp., illus., index. ISBN 978-08122-3947-8. $39.95 (hardcover). *Historical Studies in the Natural Sciences*, 38(3):451–461, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Mody:2012:ICP

[Mod12] Cyrus C. M. Mody. *Instrumental community: probe microscopy and the path to nanotechnology*. Inside technology. MIT Press, Cambridge, MA, USA, 2012. ISBN 0-262-13494-2, 0-262-29818-X (e-book). xiii

+ 260 pp. LCCN T174.7 .M63 2011. URL `http://mitpress-ebooks.mit.edu/product/instrumental-community`; `http://muse.jhu.edu/books/9780262298186/`.

Mody:2020:HSW

[Mod20] Cyrus C. M. Mody. Historical studies in which sciences? The revolving door of engineering and technology. *Historical Studies in the Natural Sciences*, 50(1–2):41–49, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Monaldi:2008:IOD

[Mon08] Daniela Monaldi. The indirect observation of the decay of mesotrons: Italian experiments on cosmic radiation, 1937–1943. *Historical Studies in the Natural Sciences*, 38(3):353–404, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Moore:2016:RWB

[Moo16] Kelly Moore. Review: *The Wild Borderlands of Science and Technology*. *Historical Studies in the Natural Sciences*, 46(1):101–109, February 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Moore:2023:CA

[Moo23] Taylor M. Moore. The cool air. *Historical Studies in the Natural Sciences*, 53(1):86–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/86/195539/The-Cool-Air`.

Morrell:1971:ISB

[Mor71] J. B. Morrell. Individualism and the structure of British science in 1830. *Historical Studies in the Physical Sciences*, 3 (??):183–204, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757318`.

Morrell:1992:RPC

[Mor92] Jack Morrell. Research in physics at the Clarendon Laboratory, Oxford, 1919–1939. *Historical Studies in the Physical and Biological Sciences*, 22(2): 263–307, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757683`.

Moran:2005:DKA

[Mor05] Bruce T. Moran. *Distilling knowledge: alchemy, chemistry, and the scientific revolution*. New histories of science, technology, and medicine. Harvard University Press, Cambridge, MA, USA, 2005. ISBN 0-674-01495-2. 210 pp. LCCN QD15 .M67 2005.

Morus:2009:BRS

[Mor09] Iwan Rhys Morus. Book review: Sensational, Spectacular Science: Myles W. Jackson. *Harmonious Triads: Physi-*

cists, Musicians, and Instrument Makers in Nineteenth-Century Germany. Cambridge, MA: MIT Press, 2006. x + 395 pp., illus., index. ISBN 978-0-262-10116-5. $40.00 (cloth). Chris Otter. *The Victorian Eye*. Chicago: University of Chicago Press, 2008. x + 382 pp., illus., index. ISBN 978-0-226-64076-1. $65.00 (cloth). Jonathan Smith. *Charles Darwin and Victorian Visual Culture*. Cambridge: Cambridge University Press, 2006. xxiii + 349 pp., illus., index. ISBN 978-0-521-85690-4. $116.00 (cloth). *Historical Studies in the Natural Sciences*, 39(3):356–366, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Moreira:2021:BRA

[Mor21a] Tiago Moreira. Book review: Aging: Remaking science, technology, and medicine. *Historical Studies in the Natural Sciences*, 51(2):274–??, April 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/2/274/116759/AgingRemaking-Science-Technology-and-Medicine`.

Morus:2021:BRS

[Mor21b] Iwan Rhys Morus. Book review: *Social Scientists. Historical Studies in the Natural Sciences*, 51(5):634–??, November 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/5/634/119065/Social-Scientists`.

Mateos:2021:DPL

[MSD21] Gisela Mateos and Edna Suárez-Díaz. "The door to the promised land of atomic peace and plenty": Mexican students and the Phoenix Memorial Project. *Historical Studies in the Natural Sciences*, 51(2):209–??, April 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/2/209/116756/The-Door-to-the-Promised-Land-of-Atomic-Peace-and`.

Mukerji:2009:IET

[Muk09] Chandra Mukerji. *Impossible engineering: technology and territoriality on the Canal du Midi*. Princeton studies in cultural sociology. Princeton University Press, Princeton, NJ, USA, 2009. ISBN 0-691-14032-4 (hardcover). xix + 304 pp. LCCN HE445.M52 M85 2009.

Mukharji:2020:BHI

[Muk20] Projit Bihari Mukharji. Bloodworlds: A hematology of the 1952 Indo–Australian Genetical Survey of the Chenchus. *Historical Studies in the Natural Sciences*, 50(5):525–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.`

ucpress.edu/hsns/article/50/5/525/114253/BloodworldsA-Hematology-of-the-1952-Indo.

Mulcahy:2008:HSB

[Mul08] Matthew Mulcahy. *Hurricanes and society in the British Greater Caribbean, 1624–1783*. Early America: history, context, culture. The Johns Hopkins University Press, Baltimore, MD, USA, 2008. ISBN 0-8018-9079-9. ix + 257 pp. LCCN GF526. URL http://www.gbv.de/dms/bowker/toc/9780801882234.

Mullaney:2012:CTN

[Mul12] Thomas Shawn Mullaney. *Coming to terms with the nation: ethnic classification in modern China*, volume 18 of *Asia - local studies/global themes*. University of California Press, Berkeley, CA, USA, 2012. ISBN 0-520-27274-9 (paperback). xxiv + 232 pp. LCCN DS730 .M85 2012.

Mundy:1967:ADS

[Mun67] B. W. Mundy. Avogadro on the degree of submolecularity of molecules. *Chymia: Annual Studies in the History of Chemistry*, 12(??):151–155, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757278.

Munns:1997:LAR

[Mun97] David Munns. Linear accelerators, radio astronomy, and Australia's search for international prestige, 1944–1948. *Historical Studies in the Physical and Biological Sciences*, 27(2):299–317, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Munns:2003:IWB

[Mun03] David Munns. If we build it, who will come? Radio astronomy and the limitations of "national" laboratories in Cold War America. *Historical Studies in the Physical and Biological Sciences*, 34(1):95–113, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Munz:2011:MGC

[Mun11] Tania Munz. "My Goose Child Martina". *Historical Studies in the Natural Sciences*, 41(4):405–446, November 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2011.41.4.405.

Mundey:2012:CNW

[Mun12] Lisa M. Mundey. The civilianization of a nuclear weapon effects test: Operation ARGUS. *Historical Studies in the Natural Sciences*, 42(4):283–321, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2012.42.4.283.

Munns:2013:SSH

[Mun13] David P. D. Munns. *A single sky: how an international community forged the science of radio astronomy*. MIT Press, Cambridge, MA, USA, 2013. ISBN 0-262-01833-0 (hardcover). xi + 247 pp. LCCN QB475.A25 M86 2013.

Munns:2021:TSP

[Mun21] David P. D. Munns. Teaching in a swimming pool: The Ford nuclear reactor and the training of the atomic age. *Historical Studies in the Natural Sciences*, 51(2):232–??, April 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/2/232/116755/Teaching-in-a-Swimming-PoolThe-Ford-Nuclear`.

Muller-Wille:2018:MUP

[MW18] Staffan Müller-Wille. Making and unmaking populations. *Historical Studies in the Natural Sciences*, 48(5):604–615, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Muller-Wille:2007:HPC

[MWR07] Staffan Müller-Wille and Hans-Jörg Rheinberger, editors. *Heredity produced: at the crossroads of biology, politics, and culture, 1500–1870*. Transformations. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-13476-4. x + 496 + 2 pp. LCCN QH431 .H434 2007. URL `http://www.loc.gov/catdir/toc/ecip0617/2006023090.html`.

Navarro:2016:EWO

[Nav16] Jaume Navarro. Ether and wireless: An old medium into new media. *Historical Studies in the Natural Sciences*, 46(4):460–489, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Ndiaye:2007:NBD

[Ndi07] Pap Ndiaye. *Nylon and bombs: DuPont and the march of modern America*. Studies in industry and society. The Johns Hopkins University Press, Baltimore, MD, USA, 2007. ISBN 0-8018-8444-6 (hardcover). 289 + 8 pp. LCCN HD9651.9.D8 N3513 2007. URL `http://www.loc.gov/catdir/enhancements/fy0703/2006004143-b.html`; `http://www.loc.gov/catdir/enhancements/fy0703/2006004143-d.html`; `http://www.loc.gov/catdir/toc/ecip068/2006004143.html`.

Nebeker:1994:ESH

[Neb94] Frederik Nebeker. Experimental style in high-energy physics: The discovery of the upsilon particle. *Historical Studies in the Physical and Biological Sciences*, 25(1):137–164, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Needell:1983:NRF

[Nee83] Allan A. Needell. Nuclear reactors and the founding of Brookhaven National Laboratory. *Historical Studies in the Physical Sciences*, 14(1): 93–122, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757526`.

Needell:1987:PSA

[Nee87] Allan A. Needell. Preparing for the space age: University-based research, 1946–1957. *Historical Studies in the Physical and Biological Sciences*, 18(1): 89–109, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757597`.

Nepomucene:1960:RMC

[Nep60] St. John Nepomucene. Rydberg: The man and the constant. *Chymia: Annual Studies in the History of Chemistry*, 6 (??):127–145, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757195`.

Neswald:2013:SIC

[Nes13] Elizabeth Neswald. Strategies of international community-building in early twentieth-century
metabolism research: The foreign laboratory visits of Francis Gano Benedict. *Historical Studies in the Natural Sciences*, 43 (1):1–40, February 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.1.1.pdf`.

Neufeld:2014:FMP

[Neu14] Michael J. Neufeld. First mission to Pluto: Policy, politics, science, and technology in the origins of new horizons, 1989–2003. *Historical Studies in the Natural Sciences*, 44(3):234–276, June 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.3.234`.

Neville:1962:OMF

[Nev62] Roy G. Neville. "*Observations sur la Mine de Fer de Bagory*" (1767), an unpublished manuscript by P.-J. Macquer. *Chymia: Annual Studies in the History of Chemistry*, 8(??):89–96, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757219`.

Neville:1965:CGT

[Nev65] Roy G. Neville. Christophle Glaser and the "*Traité de la Chymie*," 1663. *Chymia: Annual Studies in the History of Chemistry*, 10(??):25–52, ???? 1965. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757246`.

Nieto-Galan:2012:RNH

[NG12] Agustí Nieto-Galan. A republican natural history in Spain around 1900: Odóe Buen (1863–1945) and his audiences. *Historical Studies in the Natural Sciences*, 42(3):159–189, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.3.159`.

Ng:2019:BSR

[Ng19] Queenie Ng. Biographies in shaping and reshaping science. *Historical Studies in the Natural Sciences*, 49(3):338–349, June 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Nielsen:1989:AKL

[Nie89] Keld Nielsen. Another kind of light: The work of T. J. Seebeck and his collaboration with Goethe. Part I. *Historical Studies in the Physical and Biological Sciences*, 20(1):107–178, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757637`.

Nielsen:1991:AKL

[Nie91] Keld Nielsen. Another kind of light: The work of T. J. Seebeck and his collaboration with Goethe, part 2. *Historical Studies in the Physical and Biological Sciences*, 21(2):317–397, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757666`.

Nisio:1976:MTH

[Nis76] Sigeko Nisio. In memoriam: Tetu Hirosige (1928–1975). *Historical Studies in the Physical Sciences*, 7(??):488–489, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757362`.

Nofre:2021:PEP

[Nof21] David Nofre. The politics of early programming languages: IBM and the Algol Project. *Historical Studies in the Natural Sciences*, 51(3):379–??, June 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/3/379/117357/The-Politics-of-Early-Programming-LanguagesIBM-and`.

Norton:1984:HEF

[Nor84] John Norton. How Einstein found his field equations: 1912–1915. *Historical Studies in the Physical Sciences*, 14(2):253–316, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757535`. Reprinted in [HS89, 101–159].

November:2012:BCD

[Nov12] Joseph Adam November. *Biomedical computing: digitizing life in the United States*, volume 130 (series 2) of *Johns Hopkins University studies in historical and political science*. The Johns Hopkins University Press, Baltimore, MD, USA, 2012. ISBN 1-4214-0468-0 (hardcover). xvi + 344 pp. LCCN R858 .N68 2012. URL `http://catalogue.bnf.fr/ark:/12148/cb427367061`.

Novoa:2015:BRI

[Nov15] Adriana Novoa. Book reviews: The intertwined paths of science, slavery, and race: Judith Carney and Richard Nicholas Rosomoff. *In the Shadow of Slavery: Africa's Botanical Legacy in the Atlantic World*. Berkeley: University of California, 2009. 280 pp., illus. ISBN: 0-520-25750-2. ISBN: 978-0-520-25750-4. $46.04 (cloth), $22.69 (paper); Andrew Curran. *The Anatomy of Blackness: Science & Slavery in an Age of Enlightenment*. Baltimore: Johns Hopkins University Press, 2011. 310 pp., illus. ISBN: 1-4214-0965-8. ISBN: 978-1-4214-0965-8. $65.33 (cloth), $26.96 (paper); Ann Fabian. *The Skull Collectors: Race, Science, And America's Unburied*. Chicago: The University of Chicago Press, 2010. 270 pp., illus., ISBN: 978-0-226-23348-2. ISBN: 0-226-23348-0. $19.99 (cloth). *Historical Studies in the Natural Sciences*, 45(2):348–356, April 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.2.348`.

Nestor:2013:ASP

[NR13] Herran Néstor and Xavier Roqué. An autarkic science: Physics, culture, and power in Franco's Spain. *Historical Studies in the Natural Sciences*, 43 (2):202–235, April 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.2.202.pdf`.

Nierenberg:2010:ECC

[NTT10] Nicolas Nierenberg, Walter R. Tschinkel, and Victoria J. Tschinkel. Early climate change consensus at the National Academy: The origins and making of changing climate. *Historical Studies in the Natural Sciences*, 40(3):318–349, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Nummedal:2007:AAH

[Num07] Tara E. Nummedal. *Alchemy and authority in the Holy Roman Empire*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-60856-5 (cloth). xvii + 260 pp. LCCN QD13 .N86 2007. URL `http://www.loc.gov/catdir/`

enhancements/fy0827/2007002521-b.html; http://www.loc.gov/catdir/enhancements/fy0827/2007002521-d.html; http://www.loc.gov/catdir/toc/ecip079/2007002521.html.

Nuriddin:2021:BPH

[Nur21] Ayah Nuriddin. Black public health. *Historical Studies in the Natural Sciences*, 51(1):151–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/51/1/151/116287/Black-Public-Health.

Nyhart:2017:ISI

[NV17] Lynn K. Nyhart and Florence Vienne. Introduction to special issue: Revolutionary politics and biological organization in Nineteenth-Century France and Germany. *Historical Studies in the Natural Sciences*, 47(5):589–601, November 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Nye:1974:GLB

[Nye74] Mary Jo Nye. Gustave LeBon's black light: a study in physics and philosophy in France at the turn of the century. *Historical Studies in the Physical Sciences*, 4(??):163–195, ???? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757330.

Nye:1980:REH

[Nye80] Mary Jo Nye. N-rays: An episode in the history and psychology of science. *Historical Studies in the Physical Sciences*, 11(1):125–156, ???? 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757473.

Nye:1983:RRS

[Nye83] Mary Jo Nye. Review: Recent sources and problems in the history of French science. *Historical Studies in the Physical Sciences*, 13(2):401–415, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757521.

nye:2007:HSS

[nye07] Mary Jo nye. Historical sources of science-as-social-practice: Michael Polanyi's Berlin. *Historical Studies in the Physical and Biological Sciences*, 37(2):409–434, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Nye:2009:BRS

[Nye09] Mary Jo Nye. Book reviews: Scientific Families: Biographies and 'Labographies' in the History of Science: Deborah R. Coen. *Vienna in the Age of Uncertainty: Science, Liberalism, and Private Life*. Chicago: University of Chicago Press, 2007. xi + 380 pp., illus., index. ISBN

978-0-226111-72-8. \$45 (cloth). Michael Hoskin. *The Herschels of Hanover*. Cambridge: Science History Publications, 2007. x + 182 pp., illus., index. ISBN 978-0-905193-07-6. \$52 (cloth). Laura Otis. *Müller's Lab*. Oxford: Oxford University Press, 2007. xix + 316 pp., illus., index. ISBN 978-0-195306-97-2. \$55 (cloth). *Historical Studies in the Natural Sciences*, 39(1): 104–114, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Nye:2011:MPH

[Nye11] Mary Jo Nye. *Michael Polanyi and his generation: origins of the social construction of science*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-61063-2 (hardcover). xxi + 405 pp. LCCN B945.P584 N94 2011.

Nye:2012:TKC

[Nye12] Mary Jo Nye. Thomas Kuhn, case histories, and revolutions. *Historical Studies in the Natural Sciences*, 42(5):557–561, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.557.pdf`.

Nye:2017:A

[Nye17] Mary Jo Nye. Afterword. *Historical Studies in the Natural Sciences*, 47(3):443–449, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Nyhart:2009:MNR

[Nyh09] Lynn K. Nyhart. *Modern nature: the rise of the biological perspective in Germany*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-61089-6 (cloth). xiv + 423 pp. LCCN QH540.83.G3 N94 2009. URL `http://www.loc.gov/catdir/toc/ecip0822/2008026875.html`.

Nyhart:2017:POC

[Nyh17] Lynn K. Nyhart. The political organism: Carl Vogt on animals and states in the 1840s and '50s. *Historical Studies in the Natural Sciences*, 47(5):602–628, November 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

OConnor:2007:ESF

[O'C07] Ralph O'Connor. *The Earth on show: fossils and the poetics of popular science, 1802–1856*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-61668-1. xiii + 541 + 6 pp. LCCN QE13.G7 O35 2007. URL `http://www.loc.gov/catdir/enhancements/fy0732/2007028061-d.html`; `http://www.loc.gov/catdir/enhancements/fy0827/2007028061-b.html`; `http://www.loc.gov/catdir/toc/ecip0722/2007028061.html`.

Oreskes:2010:MDH

[OC10] Naomi Oreskes and Erik M. Conway. *Merchants of doubt: how a handful of scientists obscured the truth on issues from tobacco smoke to global warming*. Bloomsbury Press, New York, NY, USA, 2010. ISBN 1-59691-610-9. 355 pp. LCCN Q147 .O74 2010.

Oreskes:2008:CLD

[OCS08] Naomi Oreskes, Erik M. Conway, and Matthew Shindell. From Chicken Little to Dr. Pangloss: William Nierenberg, global warming, and the social deconstruction of scientific knowledge. *Historical Studies in the Natural Sciences*, 38(1):109–152, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Onaga:2023:MAM

[OD23] Lisa Onaga and Laurence Douny. Making animal materials in time. *Historical Studies in the Natural Sciences*, 53(3):197–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/3/197/196654/Making-Animal-Materials-in-Time`.

Ogilvie:2006:SDN

[Ogi06] Brian W. Ogilvie. *The science of describing: natural history in Renaissance Europe*. University of Chicago Press, Chicago, IL, USA, 2006. ISBN 0-226-62087-5 (cloth). xvi + 385 pp. LCCN Q127.E8 O45 2006. URL `http://www.loc.gov/catdir/enhancements/fy0666/2005019254-b.html; http://www.loc.gov/catdir/enhancements/fy0666/2005019254-d.html; http://www.loc.gov/catdir/toc/ecip0515/2005019254.html`.

Oesper:1950:HSC

[OL50] Ralph E. Oesper and Pierre Lemay. Henri Sainte-Claire Deville, 1818–1881. *Chymia: Annual Studies in the History of Chemistry*, 3(??):205–221, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757153`.

Olivotto:2009:GSC

[Oli09] Cristina Olivotto. The G-Stack Collaboration (1954): An experiment of transition. *Historical Studies in the Natural Sciences*, 39(1):63–103, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Oliver:2013:TFG

[Oli13] Kendrick Oliver. *To touch the face of God: the sacred, the profane and the American space program, 1957–1975*. New series in NASA history. The Johns Hopkins University Press, Baltimore, MD, USA, 2013. ISBN 1-4214-0788-4 (hardcover), 1-4214-0834-1 (electronic). xiii +

229 pp. LCCN TL789.8.U5 O39 2013.

Oliver:2019:LST

[Oli19] Kendrick Oliver. "The lucky start toward today's cosmology"? Serendipity, the "Big Bang" theory, and the science of radio noise in Cold War America. *Historical Studies in the Natural Sciences*, 49(2):151–193, April 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Olson:2008:SSN

[Ols08] Richard Olson. *Science and scientism in Nineteenth-Century Europe*. University of Illinois Press, Urbana, IL, USA, 2008. ISBN 0-252-03188-1 (cloth), 0-252-07433-5 (paperback). 349 pp. LCCN Q175.52.E85 O47 2008. URL `http://www.loc.gov/catdir/enhancements/fy0827/2007005146-d.html`; `http://www.loc.gov/catdir/toc/ecip0710/2007005146.html`.

Ottaviani:2013:F

[OM13] Jim Ottaviani and Leland Myrick. *Feynman*. First Second, New York, NY, USA, 2013. ISBN 1-59643-827-4 (paperback). 266 pp. LCCN ????

Onion:2015:GHB

[Oni15] Rebecca Onion. Graphic histories: Book reviews: Eugene Byrne and Simon Gurr. *Darwin: A Graphic Biography*. Washington, DC: Smithsonian Books, 2013. 96 pp., illus. ISBN 978-1-58834-352-9. $9.95 (paper). Apostolos Doxiadis and Christos H. Papadimitriou. *Logicomix: An Epic Search for Truth*. New York: Bloomsbury, 2009. 347 pp., illus. ISBN 978-1-59691-452-0. $22.95 (paper). Jonathan Fetter-Vorm. *Trinity: A Graphic History of the First Atomic Bomb*. New York: Hill and Wang, 2012. 154 pp., illus. ISBN 978-0-8090-9355-7. $14.95 (paper). Jim Ottaviani and Leyland Myrick. *Feynman*. New York: First Second, 2011. 272 pp., illus. ISBN 978-1-59643-827-9. $19.99 (paper). Lauren Redniss. Radioactive: Marie & Pierre Curie: A Tale of Love and Fallout. New York: Harper Collins, 2010. 208 pp., illus. ISBN 978-0-06135-132-7. $29.99 (hardcover). *Historical Studies in the Natural Sciences*, 45(4): 621–629, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.4.621`.

Oreskes:1988:RCD

[Ore88] Naomi Oreskes. The rejection of continental drift. *Historical Studies in the Physical and Biological Sciences*, 18(2):311–348, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757605`.

Oreskes:2000:LTM

[Ore00] Naomi Oreskes. Laissez-tomber: Military patronage and women's work in mid-20th-Century oceanography. *Historical Studies in the Physical and Biological Sciences*, 30(2):373–392, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Orlando:1998:PJP

[Orl98] Lucida Orlando. Physics in the 1930s: Jewish physicists' contributions to the realization of the 'new tasks' of physics in Italy. *Historical Studies in the Physical and Biological Sciences*, 29 (1):141–182, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Orlando:2004:SSB

[Orl04] Lucia Orlando. The SIRIO satellite, 1968–1977: Between scientific engagement and managerial inexperience. *Historical Studies in the Physical and Biological Sciences*, 34(2):371–398, March 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Otis:2007:ML

[Oti07] Laura Otis. *Müller's lab*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2007. ISBN 0-19-530697-X. xix + 316 pp. LCCN QM16.M85 O85 2007. URL `http://www.loc.gov/catdir/enhancements/fy0737/2006026796-d.html`; `http://www.loc.gov/catdir/toc/ecip0619/2006026796.html`.

Otter:2008:VEP

[Ott08] Chris Otter. *The Victorian eye: a political history of light and vision in Britain, 1800–1910*. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-64076-0 (cloth), 0-226-64077-9 (paperback). x + 382 pp. LCCN TH7703 .O88 2008. URL `http://www.loc.gov/catdir/enhancements/fy0805/2007043184-d.html`; `http://www.loc.gov/catdir/enhancements/fy0827/2007043184-b.html`; `http://www.loc.gov/catdir/toc/ecip082/2007043184.html`.

Poster:2011:UTI

[PA11] Mark Poster and Nancy Ann Roth. *Into the Universe of Technical Images*. Electronic Mediations. University of Minnesota Press, Minneapolis, MN, USA, 2011. ISBN 0-8166-7696-8, 0-8166-7020-X. 225 pp. LCCN TR183.F5813 2011. URL `http://www.SLQ.eblib.com.au/patron/FullRecord.aspx?p=673646`.

Palter:1989:RSI

[Pal89] Robert Palter. Review: Some impressions of recent work on Eighteenth-Century science. *Historical Studies in the Physical and Biological Sciences*, 19

(2):349–401, ???? 1989. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757628`.

Pancaldi:1990:ELV

[Pan90a] Giuliano Pancaldi. Electricity and life. Volta's path to the battery. *Historical Studies in the Physical and Biological Sciences*, 21(1):123–160, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757657`.

Pang:1990:EBR

[Pan90b] Alex Soojung-Kim Pang. Edward Bowles and radio engineering at MIT, 1920–1940. *Historical Studies in the Physical and Biological Sciences*, 20(2):313–337, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757646`.

Pang:1993:SB

[Pan93] Alex Soojung-Kim Pang. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 24(1):189–??, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Pang:1994:SBa

[Pan94a] Alex Soojung-Kim Pang. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 24(2):407–??, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Pang:1994:SBb

[Pan94b] Alex Soojung-Kim Pang. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 25(1):177–??, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Pang:1995:SB

[Pan95] Alex Soojung-Kim Pang. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 25(2):379–??, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Pang:1997:VRP

[Pan97] Alex Soojung-Kim Pang. Visual representation and post-constructivist history of science. *Historical Studies in the Physical and Biological Sciences*, 28(1):139–171, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Panofsky:2014:MSC

[Pan14] Aaron Panofsky. *Misbehaving science: controversy and the development of behavior genetics*. University of Chicago Press, Chicago, IL, USA, 2014. ISBN 0-226-05831-X (hardcover), 0-226-05845-X (paperback), 0-226-05859-X (e-book). xi + 321 pp. LCCN QH457 .P36 2014.

Pancaldi:2020:RSL

[Pan20] Giuliano Pancaldi. Reframing the sciences of the long Eighteenth Century. *Historical Studies in the Natural Sciences*, 50 (1–2):58–66, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Partington:1948:CSC

[Par48] J. R. Partington. The concepts of substance and chemical element. *Chymia: Annual Studies in the History of Chemistry*, 1 (??):109–121, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757118`.

Partington:1959:BAT

[Par59] J. R. Partington. Berthollet and the Antiphlogistic Theory. *Chymia: Annual Studies in the History of Chemistry*, 5 (??):130–137, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757180`.

Partington:1960:JBL

[Par60] J. R. Partington. Joseph Black's "*Lectures on the Elements of Chemistry*". *Chymia: Annual Studies in the History of Chemistry*, 6(??):27–67, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757192`.

Paris:2001:LRF

[Par01] Elizabeth Paris. Lords of the ring: The fight to build the first U.S. electron–positron collider. *Historical Studies in the Physical and Biological Sciences*, 31 (2):355–380, March 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Parthasarathy:2007:BGM

[Par07] Shobita Parthasarathy. *Building genetic medicine: breast cancer, technology, and the comparative politics of health care*. Inside technology. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-16242-3 (hardcover). x + 271 pp. LCCN RC268.44.B73 P37 2007. URL `http://www.loc.gov/catdir/toc/ecip0619/2006027956.html`.

Park:2009:BAM

[Par09] Buhm Soon Park. Between accuracy and manageability: Computational imperatives in quantum chemistry. *Historical Studies in the Natural Sciences*, 39(1):32–62, February 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Park:2010:LAC

[Par10] Hyung Wook Park. Longevity, aging, and caloric restriction: Clive Maine McCay and the construction of a multidisciplinary research program. *Historical Studies in the Natural Sciences*, 40(1):79–124, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Parmar:2012:FAC

[Par12] Inderjeet Parmar. *Foundations of the American century: the Ford, Carnegie, and Rockefeller Foundations in the rise of American power*. Columbia University Press, New York, NY, USA, 2012. ISBN 0-231-14628-0 (hardcover), 0-231-51793-9 (e-book). ix + 356 pp. LCCN HV97.F62 P37 2012.

Parthasarathy:2022:HET

[Par22] Shobita Parthasarathy. How to be an epistemic trespasser. *Historical Studies in the Natural Sciences*, 52(1):140–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/140/120493/How-to-Be-an-Epistemic-Trespasser`.

Paul:2011:OHN

[Pau11] Annie Murphy Paul. *Origins: how the nine months before birth shape the rest of our lives*. Free Press, New York, NY, USA, 2011. ISBN 0-7432-9663-X. xii + 306 pp. LCCN RG560 .P38 2011.

Pearl:2021:M

[Pea21] Sharrona Pearl. The mask. *Historical Studies in the Natural Sciences*, 51(1):155–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/155/116286/The-Mask`.

Perillan:2018:QNP

[Per18] José G. Perillán. Quantum narratives and the power of rhetorical omission: An early history of the pilot wave interpretation of quantum theory. *Historical Studies in the Natural Sciences*, 48(1):24–55, February 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Petit:2016:APC

[Pet16] Axel Petit. Associating physics and chemistry to dissociate molecules: The history of the Clausius–Williamson Hypothesis. *Historical Studies in the Natural Sciences*, 46(3):360–391, June 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Phillips:1966:LKC

[Phi66] J. P. Phillips. Liebig and Kolbe, critical editors. *Chymia: Annual Studies in the History of Chemistry*, 11(??):89–97, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757261`.

Phillips:2010:BRR

[Phi10] Denise Phillips. Book reviews: Reconsidering the Sonderweg of German Science: Biology and Culture in the Nineteenth Century: Sander Gliboff. *H. G. Bronn, Ernst Haeckel,*

and the Origins of German Darwinism: A Study in Translation and Transformation. Cambridge: MIT Press, 2008. xii + 259 pp., index. ISBN: 978-0-262-07293-9. $35.00 (cloth). Jonathan Harwood. *Technology's Dilemma: Agricultural Colleges between Science and Practice in Germany, 1860–1934*. Frankfurt a. M.: Peter Lang, 2005. 288 pp., illus., index. ISBN: 978-3-039-10299-0. $68.95 (paper). Lynn K. Nyhart. *Modern Nature: The Rise of the Biological Perspective in Germany*. Chicago: University of Chicago Press, 2009. xiv + 423 pp., illus., index. ISBN: 978-0-226-61089-4. $45.00 (cloth). Richard G. Olson. *Science and Scientism in Nineteenth-Century Europe*. Urbana: University of Illinois Press, 2008. 349 pp., index. ISBN: 978-0-252-07433-2. $27 (paper). Robert J. Richards. *The Tragic Sense of Life: Ernst Haeckel and the Struggle over Evolutionary Thought*. Chicago: University of Chicago Press, 2008. xx + 551 pp., illus., index. ISBN: 978-0-226-71216-1. $25.00 (paper). Nicolaas A. Rupke. *Alexander von Humboldt: A Metabiography*. Chicago: University of Chicago Press, 2008. 316 pp., illus., index. ISBN: 978-0-226-73149-0. $21.00 (paper). *Historical Studies in the Natural Sciences*, 40(1):136–147, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Phillips:2021:C

[Phi21] Christopher J. Phillips. The curve. *Historical Studies in the Natural Sciences*, 51(1): 159–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/159/116288/The-Curve`.

Picciotto:2014:BRN

[Pic14] Joanna Picciotto. Book review: *The Natural Philosophy of Margaret Cavendish: Reason and Fancy during the Scientific Revolution Fictions of the Cosmos: Science and Literature in the Seventeenth Century. Historical Studies in the Natural Sciences*, 44(2):178–186, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.2.178`.

PohlValero:2011:ECH

[Poh11] Stefan Pohl Valero. *Energía y cultura: historia de la termodinámica en la España de la segunda mitad del siglo XIX*. Opera eximia. Editorial Pontificia Universidad Javeriana, Bogotá, D.C., Colombia, 2011. ISBN 958-716-498-9. 321 pp. LCCN QC311 .P74 2011.

Porter:1981:SSG

[Por81] Theodore M. Porter. A statistical survey of gases: Maxwell's social physics. *Historical Studies in the Physical Sciences*, 12

(1):77–116, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757490`.

Portuondo:2013:BRM

[Por13] María M. Portuondo. Book reviews: Mutis: Plants, ants, and visualizing nature: Daniela Bleichmar. *Visible Empire: Botanical Expeditions and Visual Culture in the Hispanic Enlightenment*. Chicago: University of Chicago Press, 2012. xii + 286 pp., illus., index. ISBN: 978-0-2260-5853-5. $55.00 (hardcover); J. E. Bernal and Alberto Gómez Gutiérrez. *A impulsos de una rara resolución: El viaje de José Celestino Mutis al Nuevo Reino de Granada, 1760–1763*. Bogotá: Pontificia Universidad Javeriana, 2010. 333 pp., illus. ISBN: 978-9-5871-6326-1. $70.00 (hardcover); J. E. Bernal, Alberto Gómez Gutiérrez, and José Celestino Mutis. *Medicina científica Mutisiana: Estudio elaborado a partir de un documento médico inédito de José Celestino Mutis y Bosio, escrito en Madrid en 1759 y conservado hoy en el Archivo Histórico Javeriano de Bogotá*. Bogotá: Pontificia Universidad Javeriana, 2008. 144 pp., illus., facs. ISBN: 978-9-5871-6135-9. $50.00 (paper); Alberto Gómez Gutiérrez, Jorge Tomás Uribe Angel, Pedro Ortiz Valdivieso, and J. E. Bernal. *Academia Mutisiana: Documentos preneogranadinos de José Celestino Mutis y la promoción de sociedades científicas en la Nueva Granada*. Bogotá: Pontificia Universidad Javieriana and Academia Nacional de Medicina, 2011. 236 pp., illus., facs. ISBN: 978-9-5871-6490-9. $76.00 (paper); José Celestino Mutis, Pedro Ortiz Valdivieso, J. E. Bernal, and Alberto Gómez Gutiérrez. *Filosofía natural Mutisiana: Edición facsimilar y estudio de un manuscrito inédito de José Celestino Mutis y Bosio, correspondiente a su tercera oración inaugural pronunciada en el Colegio Mayor de Nuestra Señora del Rosario, Santa Fé, Octubre de 1764*. Bogotá: Pontificia Universidad Javeriana, 2009. 249 pp., illus,. facs. ISBN: 9-789-5871-6263-9. $70.00 (paper); Edward O. Wilson and José María Gómez Durán. *Kingdom of Ants: José Celestino Mutis and the Dawn of Natural History in the New World*. Baltimore, MD: Johns Hopkins University Press, 2010. 120 pp., illus., index. ISBN: 9-780-8018-9785-6. $25.95 (hardcover). *Historical Studies in the Natural Sciences*, 43(3): 381–389, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.381.pdf`.

Porter:2018:OND

[Por18] Theodore M. Porter. Obser-

vations, narrative, and data in Nineteenth-Century asylum medicine. *Historical Studies in the Natural Sciences*, 48(5):594–603, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Potters:2023:HSP

[Pot23] Jan Potters. Hazy spots on photographic plates: On the measurement of the velocity-dependency of the electron's mass. *Historical Studies in the Natural Sciences*, 53(1):1–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/1/195540/Hazy-Spots-on-Photographic-PlatesOn-the`.

Prandtl:1949:CLB

[Pra49] Wilhelm Prandtl. Das chemische Laboratorium der Bayerischen Akademie der Wissenschaften in München. (German) [The Chemical Laboratory of the Bayern Academy of Science in Munich]. *Chymia: Annual Studies in the History of Chemistry*, 2(??):81–97, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757136`.

Prandtl:1953:VMP

[Pra53] Wilhelm Prandtl. Zur Vorgeschichte des Meissner Porzellans. (German) [On the prehistory of Meissen porcelain]. *Chymia: Annual Studies in the History of Chemistry*, 4(??):115–127, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757165`.

Prescott:2011:MAH

[Pre11] Heather Munro Prescott. *The morning after: a history of emergency contraception in the United States*. Critical issues in health and medicine. Rutgers University Press, New Brunswick, NJ, USA, 2011. ISBN 0-8135-5162-5 (hardcover), 0-8135-5163-3 (paperback). xi + 163 pp. LCCN RG137.5 .P74 2011.

Priestley:2012:MRN

[Pri12] Rebecca Priestley. *Mad on radium: New Zealand in the atomic age*. Auckland University Press, Auckland, NZ, 2012. ISBN 1-86940-727-X (paperback). xii + 284 pp. LCCN TK9122.5 .P75 2012.

Priest:2014:HPG

[Pri14] Tyler Priest. Hubbert's Peak: The great debate over the end of oil. *Historical Studies in the Natural Sciences*, 44(1):37–79, February 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.1.37`.

Prelat:1950:QME

[PVP50] Carlos E. Prelat, Alberto G. Velarde, and Carlos E. Prélat. La química en los *"éléments de Chimie"* de Orfila. (Spanish)

[Chemistry and the Orfila's *Elements of Chemistry*]. *Chymia: Annual Studies in the History of Chemistry*, 3(??):77–93, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757147`.

Pyenson:1974:MCC

[Pye74] Lewis Pyenson. In memoriam: Charles A. Culotta (1938–1974). *Historical Studies in the Physical Sciences*, 4(??): 234–235, ???? 1974. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757332`.

Pyenson:1976:EES

[Pye76] Lewis Pyenson. Einstein's early scientific collaboration. *Historical Studies in the Physical Sciences*, 7(??):iv + 83–123, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757352`.

Pyenson:1982:AEE

[Pye82] Lewis Pyenson. Audacious enterprise: The Einsteins and electrotechnol-
ogy in late Nineteenth-Century Munich. *Historical Studies in the Physical Sciences*, 12(2): 373–392, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757500`.

Pyenson:1990:HMG

[Pye90a] Lewis Pyenson. Habits of mind: Geophysics at Shanghai and Algiers, 1920–1940. *Historical Studies in the Physical and Biological Sciences*, 21(1):161–196, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757658`.

Pyenson:1990:RBM

[Pye90b] Lewis Pyenson. Review: Over the bounding main. *Historical Studies in the Physical and Biological Sciences*, 20(2):407–422, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757648`.

Pyenson:2007:EF

[Pye07] Lewis Pyenson. Editor's foreword. *Historical Studies in the Physical and Biological Sciences*, 37(2):189–204, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Pyenson:2011:EIN

[Pye11] Lewis Pyenson. The enlightened image of nature in the Dutch East Indies: Consequences of postmodernist doctrine for broad structures and intimate life. *Historical Studies in the Natural Sciences*, 41 (1):1–40, Winter 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

URL http://www.jstor.org/stable/10.1525/hsns.2011.41.1.1.

Pyenson:2013:EPQ

[Pye13] Lewis Pyenson. The Einstein–Picasso question: Neo-idealist abstraction in the decorative arts and manufactures. *Historical Studies in the Natural Sciences*, 43 (3):281–333, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.281.pdf.

Quedec:1988:WMS

[Qué88] Pierre Quédec. Weiss' magneton: The sin of pride or a venial mistake? *Historical Studies in the Physical and Biological Sciences*, 18(2):349–375, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757606.

Quinn:1982:RFE

[Qui82] Arthur Quinn. Repulsive force in England, 1706–1744. *Historical Studies in the Physical Sciences*, 13(1):109–128, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757507.

Radick:2012:BRE

[Rad12] Gregory Radick. Book review: The exemplary Kuhnian: Gould's structure revisited: *The Structure of Evolutionary Theory* by Stephen Jay Gould. *Historical Studies in the Natural Sciences*, 42(2):143–157, April 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2012.42.2.143.

Rader:2013:BRS

[Rad13] Karen A. Rader. Book review: Searching for Women Scientists and Finding STS, Margaret Rossiter. *Women Scientists in America: Struggles and Strategies to 1940*. Baltimore: Johns Hopkins University Press, 1984. xviii + 439 pp., illus., index. ISBN 9-780-8018-2509-5. $36.00 (paper); Margaret Rossiter. *Women Scientists in America: Before Affirmative Action, 1940–1972*. Baltimore: Johns Hopkins University Press, 1998. xviii + 584 pp., illus., index. ISBN 9-780-8018-5711-9. $36.00 (paper); Margaret Rossiter. *Women Scientists in America: Forging a New World since 1972*. Baltimore: Johns Hopkins University Press, 2012. xx + 488 pp., illus., index. ISBN 9-781-4214-0363-2. $45.00 (paper). *Historical Studies in the Natural Sciences*, 43 (3):371–380, June 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/pdfplus/10.1525/hsns.2013.43.3.371.pdf.

Rainger:2000:SCN

[Rai00] Ronald Rainger. Science at the crossroads: The Navy, Bikini Atoll, and American oceanography in the 1940s. *Historical Studies in the Physical and Biological Sciences*, 30(2):349–371, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Rainger:2010:BRN

[Rai10] Ronald Rainger. Book review: New Bones to Pick: Stanley Hedeen. *Big Bone Lick: The Cradle of American Paleontology*. Lexington: University of Kentucky Press, 2008. xviii + 182 pp., illus., index. ISBN 978-0-8131-2485-8. $24.95 (cloth). Adrienne Mayor. *Fossil Legends of the First Americans*. Princeton: Princeton University Press, 2005. xxxix + 442 pp., illus., index. ISBN 978-0-691-11345-6. $27.95 (paper). Pascal Richet. *A Natural History of Time*. Chicago: University of Chicago Press, 2007. xiv + 471 pp., illus., index. ISBN 978-0-226-71287-1. $29 (cloth). Martin J. S. Rudwick. *Worlds Before Adam: The Reconstruction of Geohistory in the Age of Reform*. Trans. John Venerella. Chicago: University of Chicago Press, 2008. xxii + 614 pp., illus., index. ISBN 978-0-226-73128-5. $49 (cloth). Ralph O'Connor. *The Earth on Show: Fossils and the Poetics of Popular Science, 1802–1856*. Chicago: University of Chicago Press, 2008. xiii + 542 pp., illus., index. ISBN 978-0-2266-1668-1. $45 (cloth). *Historical Studies in the Natural Sciences*, 40(2):268–278, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Ramberg:1995:AMC

[Ram95] Peter J. Ramberg. Arthur Michael's critique of stereochemistry, 1887–1899. *Historical Studies in the Physical and Biological Sciences*, 26 (1):89–138, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Rankin:2022:HEE

[Ran22] Alisha Rankin. How to "Be Expert" in Early Modern Europe. *Historical Studies in the Natural Sciences*, 52(1):143–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/143/120496/How-to-Be-Expert-in-Early-Modern-Europe`.

Rappaport:1960:GFR

[Rap60] Rhoda Rappaport. G.-F. Rouelle: An Eighteenth-Century chemist and teacher. *Chymia: Annual Studies in the History of Chemistry*, 6(??):68–101, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757193`.

Rappaport:1961:RSP

[Rap61] Rhoda Rappaport. Rouelle and Stahl — the Phlogistic Revolution in France. *Chymia: Annual Studies in the History of Chemistry*, 7(??):73–102, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757206`.

Rasmussen:1993:FAR

[Ras93] Nicolas Rasmussen. Freund's adjuvant and the realization of questions in postwar immunology. *Historical Studies in the Physical and Biological Sciences*, 23(2):337–366, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757702`.

Ray:1959:CK

[Rây59] Priyadaranjan Rây. Chemistry in Kautilya. *Chymia: Annual Studies in the History of Chemistry*, 5(??):64–72, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757177`.

Read:1948:SAS

[Rea48] John Read. Scottish alchemy in the Seventeenth Century. *Chymia: Annual Studies in the History of Chemistry*, 1(??): 139–151, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757120`.

Redniss:2010:RMP

[Red10] Lauren Redniss. *Radioactive: Marie
and Pierre Curie, a tale of love and fallout*. !t Books/Harper Collins, New York, NY, USA, 2010. ISBN 0-06-135132-6. 205 pp. LCCN QD22.C8 R395 2010. URL `http://www.loc.gov/catdir/enhancements/fy1111/2011281920-b.html`; `http://www.loc.gov/catdir/enhancements/fy1111/2011281920-d.html`.

Rees:2009:ICP

[Ree09] Amanda Rees. *The infanticide controversy: primatology and the art of field science*. University of Chicago Press, Chicago, IL, USA, 2009. ISBN 0-226-70711-3 (hardcover). 288 pp. LCCN QL762.5 .R44 2009.

Reilly:1949:IAC

[Rei49] Desmond Reilly. An Irish–American
chemist, William James MacNeven, 1763–1841. *Chymia: Annual Studies in the History of Chemistry*, 2(??):17–26, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757129`.

Reilly:1953:CMS

[Rei53] Desmond Reilly. Contributions of Maxwell Simpson (1815–1902) to aliphatic chemical synthesis. *Chymia: Annual Studies in the History of Chemistry*, 4 (??):159–170, ???? 1953. CO-

DEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757167.

Reingold:1987:VBN

[Rei87] Nathan Reingold. Vannevar Bush's new deal for research: Or the triumph of the old order. *Historical Studies in the Physical and Biological Sciences*, 17 (2):299–344, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757585.

Reingold:1995:CFU

[Rei95] Nathan Reingold. Choosing the future: The U.S. research community, 1944–1946. *Historical Studies in the Physical and Biological Sciences*, 25(2):301–328, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Reidy:2017:MRO

[Rei17a] Michael S. Reidy. The most recent orogeny: Verticality and why mountains matter. *Historical Studies in the Natural Sciences*, 47(4):578–587, September 2017. ISSN 1939-1811 (print), 1939-182X (electronic).

Reinhardt:2017:OMD

[Rei17b] Carsten Reinhardt. "This other method": The dynamics of NMR in biochemistry and molecular biology. *Historical Studies in the Natural Sciences*, 47(3):389–422, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Rentetzi:2009:TMG

[Ren09] Maria Rentetzi. *Trafficking materials and gendered experimental practices: radium research in early 20th Century Vienna*. Columbia University Press, New York, NY, USA, 2009. ISBN 0-231-13558-0, 0-231-50959-6. xxiii + 279 pp. LCCN QC795.34 .R46 2008. URL http://www.loc.gov/catdir/toc/ecip0828/2008040581.html.

Reti:1965:HOH

[Ret65] Ladislao Reti. How old is hydrochloric acid? *Chymia: Annual Studies in the History of Chemistry*, 10(??):11–23, ???? 1965. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757245.

Reynolds:2021:BRR

[Rey21] Andrew S. Reynolds. Book review: *Re-Envisioning the History of Cellular and Molecular Biology*. *Historical Studies in the Natural Sciences*, 51(5):642–??, November 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/51/5/642/119066/Re-Envisioning-the-History-of-Cellular-and.

Reynolds:2022:HCH

[Rey22] Melissa Reynolds. How to cure a horse, or, the experience

of knowledge and the knowledge of experience. *Historical Studies in the Natural Sciences*, 52(4):547–??, September 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/4/547/191416/How-to-Cure-a-Horse-or-the-Experience-of-Knowledge`.

Raman:1969:WWI

[RF69] V. V. Raman and Paul Forman. Why was it Schrödinger who developed de Broglie's ideas? *Historical Studies in the Physical Sciences*, 1(??):291–314, ???? 1969. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757299`.

Roll-Hansen:2000:ACB

[RH00] Nils Roll-Hansen. The application of complementarity to biology: From Niels Bohr to Max Delbrück. *Historical Studies in the Physical and Biological Sciences*, 30(2):417–442, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Reid-Henry:2010:CCR

[RH10] Simon Reid-Henry. *The Cuban cure: reason and resistance in global science*. University of Chicago Press, Chicago, IL, USA, 2010. ISBN 0-226-70917-5 (hardcover). xii + 200 pp. LCCN TP248.195.C9 R44 2010.

Rheinboldt:1950:BVA

[Rhe50] Heinrich Rheinboldt. Bunsens Vorlesung über allgemeine Experimentalchemie. (German) [Bunsen's lectures on general experimental chemistry]. *Chymia: Annual Studies in the History of Chemistry*, 3(??):223–241, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757154`.

Rheinberger:2010:ECT

[Rhe10a] Hans-Jörg Rheinberger. *An epistemology of the concrete: twentieth-century histories of life*. Experimental futures: technological lives, scientific arts, anthropological voices. Duke University Press, Durham, NC, USA, 2010. ISBN 0-8223-4560-9 (hardcover), 0-8223-4575-7 (paperback). xix + 330 pp. LCCN QH331 .R4513 2010. Foreword by Tim Lenoir.

Rheinberger:2010:HEE

[Rhe10b] Hans-Jörg Rheinberger. *On historicizing epistemology: an essay*.
Cultural memory in the present. Stanford University Press, Stanford, CA, USA, 2010. ISBN 0-8047-6288-0 (hardcover), 0-8047-6289-9 (paperback). 114 pp. LCCN Q175.32.K45 R48513 2010. Translated by David Fernbach.

Richet:2007:NHT

[Ric07] Pascal Richet. *A natural history of time*. University of Chicago Press, Chicago, IL, USA, 2007.

ISBN 0-226-71287-7 (cloth). xiv + 471 pp. LCCN QE508 .R5413 2007. URL http://www.loc.gov/catdir/enhancements/fy0707/2006033992-b.html; http://www.loc.gov/catdir/enhancements/fy0707/2006033992-d.html; http://www.loc.gov/catdir/toc/ecip073/2006033992.html.

Richards:2008:TSL

[Ric08] Robert J. (Robert John) Richards. *The tragic sense of life: Ernst Haeckel and the struggle over evolutionary thought*. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-71214-1 (hardcover), 0-226-71216-8 (paperback). xx + 551 + 8 pp. LCCN M09.E10966; M09.E02488; QH31.H2 R53 2008; QH31.H2 RIC 2008. URL http://www.loc.gov/catdir/enhancements/fy0827/2007039155-b.html; http://www.loc.gov/catdir/enhancements/fy0827/2007039155-d.html; http://www.loc.gov/catdir/toc/fy0804/2007039155.html.

Richmond:2012:BRS

[Ric12] Jesse Richmond. Book review: Still figuring out Nature's economy: *Nature's Ghosts: Confronting Extinction from the Age of Jefferson to the Age of Ecology* by Mark V. Barrow, Jr.; *Evolutionary Restraints: The Contentious History of Group Selection* by Mark E. Borrello; *Looking for a Few Good Males: Female Choice in Evolutionary Biology* by Erika Lorraine Milam; *The Infanticide Controversy: Primatology and the Art of Field Science* by Amanda Rees. *Historical Studies in the Natural Sciences*, 42(1):62–70, February 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2012.42.1.62. See [BJ10, Bar09, Bor10, Mil10b, Ree09].

Richardson:2017:NCN

[Ric17a] Alan W. Richardson. "Neither a confession nor an accusation": Michael Polanyi, Hans Reichenbach, and philosophical modernity after World War One. *Historical Studies in the Natural Sciences*, 47(3):423–442, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Richmond:2017:WPS

[Ric17b] Marsha L. Richmond. Women as public scientists in the Atomic Age: Rachel Carson, Charlotte Auerbach, and genetics. *Historical Studies in the Natural Sciences*, 47(3):349–388, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Rider:1984:AOE

[Rid84] Robin E. Rider. Alarm and opportunity: Emigration of mathematicians and physicists to

Britain and the United States, 1933–1945. *Historical Studies in the Physical Sciences*, 15(1): 107–176, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757544`.

Rider:1991:SB

[Rid91] Robin E. Rider. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 22(1):193–205, ???? 1991. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757677`.

Rider:1992:SB

[Rid92] Robin Rider. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 22(2):399–404, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757687`.

Rider:1993:SB

[Rid93] Robin Rider. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 23(2):367–374, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757703`.

Rigden:1983:MBE

[Rig83] John S. Rigden. Molecular beam experiments on the hydrogens during the 1930s. *Historical Studies in the Physical Sciences*, 13(2):335–373, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757519`.

Riordan:2001:TTC

[Rio01] Michael Riordan. A tale of two cultures: Building the Superconducting Super Collider, 1988–1993. *Historical Studies in the Physical and Biological Sciences*, 32(1):125–144, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Riskin:1998:PRL

[Ris98] Jessica Riskin. Poor Richard's Leyden Jar: Electricity and economy in Franklinist France. *Historical Studies in the Physical and Biological Sciences*, 28 (2):301–336, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Riskin:2007:GRE

[Ris07] Jessica Riskin, editor. *Genesis redux: essays in the history and philosophy of artificial life*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-72080-2 (cloth), 0-226-72081-0 (paperback). xv + 389 pp. LCCN BD418.8 .G46 2007. URL `http://www.loc.gov/catdir/enhancements/fy0707/2007003437-b.html`; `http://www.loc.gov/catdir/enhancements/`

fy0707/2007003437-d.html; http://www.loc.gov/catdir/toc/ecip079/2007003437.html.

Riskin:2010:BRN

[Ris10] Jessica Riskin. Book reviews: Newton and Monotheism: Peter Dear. *The Intelligibility of Nature: How Science Makes Sense of the World*. Chicago: University of Chicago Press, 2007. xii + 242 pp., illus., index. ISBN 978-0-226-13949-4. $17.00 (paper). Stephen Gaukroger. *The Emergence of a Scientific Culture: Science and the Shaping of Modernity 1210–1685*. Oxford: Clarendon, 2006. ix + 563 pp., illus., index. ISBN 978-0-199-55001-2. $39.95 (paper). Peter Harrison. *The Fall of Man and the Foundations of Science*. Cambridge: Cambridge University Press, 2007. xi + 300 pp., index. ISBN 978-0-521-87559-2. $43.00 (paper). George Saliba. *Islamic Science and the Making of the European Renaissance*. Cambridge, MA: MIT Press, 2007. xi + 315 pp., illus., index. ISBN 978-0-262-19557-7. $43.00 (hardcover). *Historical Studies in the Natural Sciences*, 40(3): 399–408, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

RibeiroDeAndrade:2006:QBS

[RM06] Ana M. Ribeiro De Andrade and R. P. A. Muniz. The quest for the Brazilian synchrocyclotron. *Historical Studies in the Physical and Biological Sciences*, 36(2):311–327, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Rispoli:2020:SDA

[RO20] Giulia Rispoli and Doubravka Olšáková. Science and diplomacy around the Earth: From the
Man and Biosphere Programme to the International Geosphere–Biosphere Programme. *Historical Studies in the Natural Sciences*, 50(4):456–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/50/4/456/111899/Science-and-Diplomacy-around-the-EarthFrom-the-Man.

Robinson:1959:TF

[Rob59] Trevor Robinson. Theophrastos on fire. *Chymia: Annual Studies in the History of Chemistry*, 5(??):51–63, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757176.

Robinson:1960:MT

[Rob60] Trevor Robinson. Michael Tswett. *Chymia: Annual Studies in the History of Chemistry*, 6(??):146–161, ???? 1960. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757196.

Roberts:1976:ERC

[Rob76] Gerrylynn K. Roberts. The establishment of the Royal Col-

lege of Chemistry: An investigation of the social context of early-Victorian chemistry. *Historical Studies in the Physical Sciences*, 7(??):437–485, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757361`.

Roberts:1980:LEC

[Rob80] Gerrylynn K. Roberts. The liberally-
educated chemist: Chemistry in the Cambridge Natural Sciences Tripos, 1851–1914. *Historical Studies in the Physical Sciences*, 11(1):157–183, ???? 1980. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757474`.

Robotti:1983:SPH

[Rob83] Nadia Robotti. The spectrum of ζ puppis and the historical evolution of empirical data. *Historical Studies in the Physical Sciences*, 14(1):123–145, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757527`.

Robinson:2020:ETC

[Rob20] Sam Robinson. Early Twentieth-Century ocean science diplomacy: Competition and cooperation among North Sea nations. *Historical Studies in the Natural Sciences*, 50(4):384–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/4/384/111895/Early-Twentieth-Century-Ocean-Science`.

Rocke:1978:AEE

[Roc78] Alan J. Rocke. Atoms and equivalents: The early development of the chemical atomic theory. *Historical Studies in the Physical Sciences*, 9(??): 225–263, ???? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757379`.

Rocke:2017:IHR

[Roc17] Alan J. Rocke. The "indifferent hypothesis" redux: The dilemmas of Pierre Duhem. *Historical Studies in the Natural Sciences*, 47(3):268–292, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Rogaski:2012:ASB

[Rog12] Ruth Rogaski. Addicted to science: Book reviews: Susan Greenhalgh, *Just One Child: Science and Policy in Deng's China*. Tong Lam, *A Passion for Facts: Social Surveys and the Construction of the Chinese Nation-State, 1900–1949*. Berkeley and Los Angeles: University of California Press, 2011. 280 pp. ISBN 978-0-520-26786-2. $60.00 (hardcover). Thomas Mul-
laney, *Coming to Terms with*

the Nation: Ethnic Classification in Modern China. Berkeley and Los Angeles: University of California Press, 2011. 256 pp. ISBN 978-0-520-27274-3. $29.95 (paper). Sigrid Schmalzer, *The People's Peking Man: Popular Science and Human Identity in Twentieth-Century China*. Chicago: University of Chicago Press, 2008. 368 pp. ISBN 978-0-226-73860-4. $26.00 (paper). *Historical Studies in the Natural Sciences*, 42(5):581–589, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.581.pdf`.

Rossiter:1982:WSA

[Ros82] Margaret W. Rossiter. *Women scientists in America: struggles and strategies to 1940*. The Johns Hopkins University Press, Baltimore, MD, USA, 1982. ISBN 0-8018-2443-5 (hardcover), 0-8018-2509-1 (paperback). xviii + 439 pp. LCCN Q130 .R683 1982.

Rossiter:1992:WSA

[Ros95] Margaret W. Rossiter. *Women scientists in America*. The Johns Hopkins University Press, Baltimore, MD, USA, 1992–1995. ISBN 0-8018-4893-8 (hardcover), 0-8018-5711-2 (paperback). xviii + 584 + 16 pp. LCCN Q130 .R683 1992.

Rossiter:2012:STT

[Ros12a] Margaret W. Rossiter. A sophomore tackles Thomas Kuhn's structure of scientific revolutions (1964). *Historical Studies in the Natural Sciences*, 42(5):562–563, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.562.pdf`.

Rossiter:2012:WSA

[Ros12b] Margaret W. Rossiter. *Women scientists in America: forging a new world since 1972*. The Johns Hopkins University Press, Baltimore, MD, USA, 2012. ISBN 1-4214-0233-5 (hardcover), 1-4214-0363-3 (paperback). xx + 426 pp. LCCN Q130 .R6835 2012.

Rosenberg:2018:DW

[Ros18] Daniel Rosenberg. Data as word. *Historical Studies in the Natural Sciences*, 48(5):557–567, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Ross:2022:IFP

[Ros22] Andrew J. Ross. An icy feud in planetary science: Carl Sagan, Edward Teller, and the ideological roots of the nuclear winter debates, 1980–1984. *Historical Studies in the Natural Sciences*, 52(2):190–??, April 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (elec-

tronic). URL https://online.ucpress.edu/hsns/article/52/2/190/144553/An-Icy-Feud-in-Planetary-ScienceCarl-Sagan-Edward.

Rothschild:2013:EAA

[Rot13] Rachel Rothschild. Environmental awareness in the atomic age: Radioecologists and nuclear technology. *Historical Studies in the Natural Sciences*, 43(4):492–530, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2013.43.4.492.

Rudwick:2008:WBA

[Rud08] M. J. S. Rudwick. *Worlds before Adam: the reconstruction of geohistory in the age of reform*. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-73128-6 (cloth). xxii + 614 pp. LCCN QE13.E85 R83 2008. URL http://www.loc.gov/catdir/enhancements/fy0827/2007041676-b.html; http://www.loc.gov/catdir/enhancements/fy0827/2007041676-d.html; http://www.loc.gov/catdir/toc/ecip082/2007041676.html.

Rueger:1992:ATI

[Rue92] Alexander Rueger. Attitudes towards infinities: Responses to anomalies in quantum electrodynamics, 1927–1947. *Historical Studies in the Physical and Biological Sciences*, 22(2):309–337, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757684.

Ruger:1988:ACE

[Rüg88] Alexander Rüger. Atomism from cosmology: Erwin Schrödinger's work on wave mechanics and space–time structure. *Historical Studies in the Physical and Biological Sciences*, 18(2):377–401, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757607.

Rupke:2008:AHM

[Rup08] Nicolaas A. Rupke. *Alexander von Humboldt: a metabiography*. University of Chicago Press, Chicago, IL, USA, University of Chicago Press paperback edition, 2008. ISBN 0-226-73149-9 (paperback). 316 pp. LCCN Q143.H9 R87 2008. URL http://www.loc.gov/catdir/enhancements/fy0828/2008001122-b.html; http://www.loc.gov/catdir/enhancements/fy0828/2008001122-d.html; http://www.loc.gov/catdir/toc/ecip088/2008001122.html.

Russo:1981:FRB

[Rus81] Arturo Russo. Fundamental research at Bell Laboratories: The discovery of electron

diffraction. *Historical Studies in the Physical Sciences*, 12(1): 117–160, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757491`.

Russo:1986:SII

[Rus86] Arturo Russo. Science and industry in Italy between the two World Wars. *Historical Studies in the Physical and Biological Sciences*, 16(2):281–320, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757567`.

Russell:2011:EHU

[Rus11a] Edmund Russell. *Evolutionary history: uniting history and biology to understand life on Earth*. Studies in environment and history. Cambridge University Press, Cambridge, UK, 2011. ISBN 0-521-76211-1 (hardback), 0-521-74509-8 (paperback). xxi + 216 pp. LCCN QH366.2 .R88 2011; QH366.2 .R88X 2011 (LC).

Russo:2011:EPM

[Rus11b] Arturo Russo. Europe's path to Mars: The European Space Agency's Mars Express Mission. *Historical Studies in the Natural Sciences*, 41(2):123–178, Spring 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.2.123`.

Ruswick:2013:AWP

[Rus13] Brent Ruswick. *Almost worthy: the poor, paupers, and the science of charity in America, 1877–1917*. Philanthropic and nonprofit studies. Indiana University Press, Bloomington, IN, USA, 2013. ISBN 0-253-00634-1 (hardcover), 0-253-00638-4 (e-book). xi + 267 pp. LCCN HV91 .R87 2013.

Ruskin:2015:BNH

[Rus15] Steve Ruskin. The business of natural history: Charles Aiken, Colorado ornithology, and the role of the professional collector. *Historical Studies in the Natural Sciences*, 45(3):357–396, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.3.357`.

Ruse:2016:RGM

[Rus16] Michael Ruse. Review: *The Greatest Man Since the Deluge? Historical Studies in the Natural Sciences*, 46(4):528–537, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Saliba:2007:ISM

[Sal07] George Saliba. *Islamic science and the making of the European Renaissance*. Transformations. MIT Press, Cambridge, MA, USA, 2007. ISBN 0-262-19557-7 (hardcover). xi + 315 pp. LCCN Q127.I742 S35

2007. URL `http://www.loc.gov/catdir/toc/ecip0617/2006023618.html`.

Samudzi:2023:HD

[Sam23] Zoé Samudzi. Haunted by denial. *Historical Studies in the Natural Sciences*, 53(1):94–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/94/195530/Haunted-by-Denial`.

Santesmases:2005:SOM

[San05] María Jesús Santesmases. *Severo Ochoa: de músculos a proteínas. (Spanish) [Severo Ochoa: from muscles to proteins]*. Memorias y biografías. Síntesis, Madrid, Spain, 2005. ISBN 84-9756-311-5. 398 pp. LCCN QP511.8.O24 S26 2005.

Santesmases:2010:BRL

[San10] María Jesús Santesmases. Book reviews: Life and Death in the Atomic Era: Jacob D. Hamblin. *Poison in the Well: Radioactive Waste in the Oceans at the Dawn of the Nuclear Age*. New Brunswick: Rutgers University Press, 2008. x + 311 pp., index. ISBN: 978-0-813-54220-1. $49.95 (cloth). Néstor Herran. *Aguas, semillas y radiaciones: El Laboratorio de Radiactividad de la Universidad de Madrid*. Madrid: Consejo Superior de Investigaciones Científicas, 2008. 271 pp., illus., index. ISBN: 978-8-400-08692-3. $29.95 (cloth). Gerald Kutcher. *Contested Medicine: Cancer Research and the Military*. Chicago: University of Chicago Press, 2009. x + 247 pp., index. ISBN: 978-0-226-46531-9. $35.00 (cloth). Ellen Leopold. *Under the Radar: Cancer and the Cold War*. New Brunswick, NJ: Rutgers University Press, 2009. xii + 284 pp., illus., index. ISBN: 978-0-813-54404-5. $35.00 (cloth). Maria Rentetzi. *Trafficking Materials and Gendered Experimental Practices: Radium Research in Early 20th Century Vienna*. New York: Columbia University Press, 2008. 316 pp. ISBN: 978-0-231-13558-0. $60.00 (cloth). Online edition: http://www.gutenberg-e.org/rentetzi/ includes images, maps, and index. *Historical Studies in the Natural Sciences*, 40(3):409–418, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Santesmases:2015:HCC

[San15] María Jesús Santesmases. Human chromosomes and cancer: Tumors and the geographies of cytogenetic practices, 1951–1956. *Historical Studies in the Natural Sciences*, 45(1):85–114, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.85`.

Sarton:1950:BBS

[Sar50] George Sarton. Boyle and Bayle the sceptical chemist and the sceptical historian. *Chymia: Annual Studies in the History of Chemistry*, 3(??):155–189, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757151`.

Saraiva:2010:FLG

[Sar10a] Tiago Saraiva. Fascist labscapes: Geneticists, wheat, and the landscapes of fascism in Italy and Portugal. *Historical Studies in the Natural Sciences*, 40(4):457–498, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2010.40.4.457`.

Sarasohn:2010:NPM

[Sar10b] Lisa T. Sarasohn. *The natural philosophy of Margaret Cavendish: reason and fancy during the scientific revolution*, volume 2 (128th series) of *The Johns Hopkins University studies in historical and political science*. The Johns Hopkins University Press, Baltimore, MD, USA, 2010. ISBN 0-8018-9443-3 (hardcover). xi + 251 pp. LCCN Q130 .S266 2010.

Schofield:1959:JWI

[Sch59] Robert E. Schofield. Josiah Wedgwood, industrial chemist. *Chymia: Annual Studies in the History of Chemistry*, 5(??): 180–192, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757184`.

Schofield:1964:SMW

[Sch64] Robert E. Schofield. Still more on the water controversy. *Chymia: Annual Studies in the History of Chemistry*, 9(??):71–76, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757233`.

Schelar:1966:TTL

[Sch66] Virginia M. Schelar. Thermochemistry and the Third Law of Thermodynamics. *Chymia: Annual Studies in the History of Chemistry*, 11(??):99–124, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757262`.

Schufle:1967:TBE

[Sch67] J. A. Schufle. Torbern Bergman, Earth scientist. *Chymia: Annual Studies in the History of Chemistry*, 12(??):58–97, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757274`.

Schubring:1981:MTT

[Sch81] Gert Schubring. Mathematics and teacher training: Plans for a Polytechnic in Berlin. *Historical Studies in the Physical Sciences*, 12(1):161–194, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic).

URL http://www.jstor.org/stable/27757492.

Schweber:1986:ETR

[Sch86] S. S. Schweber. The empiricist temper regnant: Theoretical physics in the United States 1920–1950. *Historical Studies in the Physical and Biological Sciences*, 17(1):55–98, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757575.

Schopman:1988:ISS

[Sch88] Joop Schopman. Industrious science: Semiconductor research at the N. V. Philips' Gloeilampenfabrieken, 1930–1957. *Historical Studies in the Physical and Biological Sciences*, 19(1): 137–172, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757619.

Schweber:1990:YJC

[Sch90] S. S. Schweber. The young John Clarke Slater and the development of quantum chemistry. *Historical Studies in the Physical and Biological Sciences*, 20 (2):339–406, ???? 1990. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757647.

Scheideler:2002:SMA

[Sch02] Britta Scheideler. The scientist as moral authority: Albert Einstein between elitism and democracy, 1914–1933. *Historical Studies in the Physical and Biological Sciences*, 32(2): 319–346, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Schirrmacher:2003:ETP

[Sch03] Arne Schirrmacher. Experimenting theory: The proofs of Kirchhoff's radiation law before and after Planck. *Historical Studies in the Physical and Biological Sciences*, 33(2): 299–335, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Schickore:2007:MEH

[Sch07] Jutta Schickore. *The microscope and the eye: a history of reflections, 1740–1870*. University of Chicago Press, Chicago, IL, USA, 2007. ISBN 0-226-73784-5 (cloth). ix + 317 pp. LCCN QH204 .S34 2007. URL http://www.loc.gov/catdir/enhancements/fy0732/2007006102-d.html; http://www.loc.gov/catdir/enhancements/fy0827/2007006102-b.html; http://www.loc.gov/catdir/toc/ecip0710/2007006102.html.

Schmalzer:2008:PPM

[Sch08a] Sigrid Schmalzer. *The people's Peking man: popular science and human iden-*

tity in twentieth-century China. University of Chicago Press, Chicago, IL, USA, 2008. ISBN 0-226-73859-0 (hardcover), 0-226-73860-4 (paperback). xix + 346 pp. LCCN GN284.7 .S36 2008. URL `http://www.loc.gov/catdir/enhancements/fy0829/2007046296-d.html`; `http://www.loc.gov/catdir/enhancements/fy0829/2007046296-t.html`.

Schwartz:2008:PGD

[Sch08b] James Schwartz. *In pursuit of the gene: from Darwin to DNA*. Harvard University Press, Cambridge, MA, USA, 2008. ISBN 0-674-02670-5. xiii + 370 pp. LCCN QH428 .S24 2008. URL `http://www.loc.gov/catdir/toc/fy0804/2007034830.html`.

Scheiding:2009:PKO

[Sch09] Tom Scheiding. Paying for knowledge one page at a time: The author fee in physics in Twentieth-Century America. *Historical Studies in the Natural Sciences*, 39(2):219–247, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Schmalzer:2012:PSU

[Sch12a] Sigrid Schmalzer. Popular science, a useful and productive category after all: Book reviews: Peter J. Bowler, *Science for All: The Popularization of Science in Early Twentieth-Century Britain*. Chicago: University of Chicago Press, 2009. ix + 339 pp., illus., app., bibl., index. ISBN 978-0-226-06863-3. $45.00 (cloth). Sally Gregory Kohlstedt, *Teaching Children Science: Hands-On Nature Study in North America, 1890–1930*. Chicago: University of Chicago Press,, 2010. 363 pp., illus., apps., bibl., index. ISBN 978-0-226-44990-6. $45.00 (cloth). Nikolai Krementsov, *A Martian Stranded on Earth: Alexander Bogdanov, Blood Transfusions, and Proletarian Science*. Chicago: University of Chicago Press,, 2011. xvi + 192 pp., illus., bibl., index.
ISBN 978-0-226-45412-2. $35.00 (cloth). Asif A. Siddiqi, *The Red Rockets' Glare: Spaceflight and the Soviet Imagination, 1857–1957*. New York: Cambridge University Press, 2010. xiv + 402 pp., illus., tables, index. ISBN 978-0-521-89760-0. $85.00 (cloth). *Historical Studies in the Natural Sciences*, 42(5):590–600, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.590.pdf`.

Schweber:2012:NFM

[Sch12b] S. S. (Silvan S.) Schweber. *Nuclear forces: the making of the physicist Hans Bethe*. Harvard University Press, Cambridge, MA, USA, 2012. ISBN 0-674-06587-5 (hardcover). viii + 579 + 12 pp. LCCN QC774.B4 S39

2012. £25.95.

Schickore:2020:OEP

[Sch20] Jutta Schickore. Obsolete, extraneous, or pertinent? *Philosophy of Science* and *Historical Studies in the Physical (Natural) Sciences*. *Historical Studies in the Natural Sciences*, 50(1–2):17–24, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Scott:1950:KFM

[Sco50] John Mark Scott. Karl Friedrich Mohr, 1806–1879: Father of volumetric analysis. *Chymia: Annual Studies in the History of Chemistry*, 3(??):191–203, ???? 1950. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757152`.

Suarez-Diaz:2008:BRY

[SD08] Edna Suarez-Diaz. Book reviews: Yes! There's Still a Lot to Learn about the History of Molecular Biology: Frederic Lawrence Holmes. *Reconceiving the Gene: Seymour Benzer's Adventures in Phage Genetics*. Ed. William C. Summers. New Haven, CT: Yale University Press, 2006. ix + 334 pp., illus., index. ISBN 978-03001-1078-4. $55 (hardcover). María Jesús Santesmases. *Severo Ochoa: De músculos*
a proteínas. Madrid: Editorial Síntesis/FECYT, 2005. 398 pp., illus., index. ISBN 978-84-9756-311-6. EUR17.79 (paperback). Bruno J. Strasser. *La fabrique d'une nouvelle science: La biologie moléculaire à l'âge atomique (1945–1964)*. Florence: Leo O. Olschki Editore, 2006. xxxiii + 450 pp., illus., index. ISBN 978-88-222-5496-2. $74.50 (paperback). *Historical Studies in the Natural Sciences*, 38(3): 463–473, August 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Secord:2014:VSB

[Sec14] James A. Secord. *Visions of science: books and readers at the dawn of the Victorian age*. University of Chicago Press, Chicago, IL, USA, 2014. ISBN 0-226-20328-X (hardcover). xiii + 306 pp. LCCN Q127.G4 S44 2014.

Seidel:1983:ASP

[Sei83] Robert W. Seidel. Accelerating science: The postwar transformation of the Lawrence Radiation Laboratory. *Historical Studies in the Physical Sciences*, 13(2):375–400, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757520`.

Seidel:1986:BRN

[Sei86a] Robert W. Seidel. Book review: Nuclear physics under Rutherford at Cambridge: *Rutherford: Simple Genius* by David Wilson; *Cockcroft and the Atom* by T. E. Allibone and Guy Hartcup; *Oliphant* by Stewart Cockburn and David Ellyard;

Cambridge Physics in the Thirties by John Hendry. *Historical Studies in the Physical and Biological Sciences*, 17(1): 175–181, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757578`.

Seidel:1986:HBS

[Sei86b] Robert W. Seidel. A home for big science: The Atomic Energy Commission's laboratory system. *Historical Studies in the Physical and Biological Sciences*, 16(1):135–175, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757560`.

Seidel:1987:GFH

[Sei87] Robert W. Seidel. From glow to flow: a history of military laser research and development. *Historical Studies in the Physical and Biological Sciences*, 18 (1):111–147, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757598`.

Seidel:2001:NLA

[Sei01] Robert W. Seidel. The national laboratories of the Atomic Energy Commission in the early Cold War. *Historical Studies in the Physical and Biological Sciences*, 32(1):145–162, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Seidel:2008:FFD

[Sei08] Robert W. Seidel. From factory to farm: Dissemination of computing in high-energy physics. *Historical Studies in the Natural Sciences*, 38(4):479–507, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Sementsov:1966:EEV

[Sem66] A. Sementsov. Egor Egorovich Vagner and his role in terpene chemistry. *Chymia: Annual Studies in the History of Chemistry*, 11 (??):151–155, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757265`.

Semendeferi:2008:LNC

[Sem08] Ioanna Semendeferi. Legitimating a nuclear critic: John Gofman, radiation safety, and cancer risks. *Historical Studies in the Natural Sciences*, 38(2):259–301, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Semerdjian:2023:AW

[Sem23] Elyse Semerdjian. Archival wounds. *Historical Studies in the Natural Sciences*, 53(1):97–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.`

edu/hsns/article/53/1/97/195532/Archival-Wounds.

Seow:2021:BRT

[Seo21] Victor Seow. Book review: *Time/Travel*. *Historical Studies in the Natural Sciences*, 51 (3):420–??, June 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL https://online.ucpress.edu/hsns/article/51/3/420/117355/Time-Travel.

Sepkoski:2018:DTS

[Sep18] David Sepkoski. Data in time: Statistics, natural history, and the visualization of temporal data. *Historical Studies in the Natural Sciences*, 48(5):581–593, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Serwer:1977:UZP

[Ser77] Daniel Serwer. Unmechanischer Zwang: Pauli, Heisenberg, and the rejection of the mechanical atom, 1923–1925. *Historical Studies in the Physical Sciences*, 8(??):189–256, ???? 1977. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757371.

Servos:1983:EBF

[Ser83] John W. Servos. To explore the borderland: The foundation of the Geophysical Laboratory of the Carnegie Institution of Washington. *Historical Studies in the Physical Sciences*, 14 (1):147–185, ???? 1983. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757528.

Seth:2004:QTE

[Set04] Suman Seth. Quantum theory and the electromagnetic world-view. *Historical Studies in the Physical and Biological Sciences*, 35(1):67–93, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See comment [Kat05] and response [Set05].

Seth:2005:RSK

[Set05] Suman Seth. Response to Shaul Katzir: "On the electromagnetic world-view". *Historical Studies in the Physical and Biological Sciences*, 36(1): 193–196, September 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). See [Set04, Kat05].

Seth:2010:CQA

[Set10] Suman Seth. *Crafting the quantum: Arnold Sommerfeld and the practice of theory, 1890–1926*. Transformations. MIT Press, Cambridge, MA, USA, 2010. ISBN 0-262-01373-8 (hardcover). viii + 378 pp. LCCN QC16.S76 S48 2010.

Seth:2011:HPA

[Set11] Suman Seth. The history of physics after the cultural turn. *Historical Studies in the Natural Sciences*, 41(1):112–122, Winter

2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.1.112`.

Sethi:2012:IEI

[Set12] Megan Barnhart Sethi. Information, education, and indoctrination: The Federation of American Scientists and public communication strategies in the Atomic Age. *Historical Studies in the Natural Sciences*, 42 (1):1–29, February 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.1.1`.

Seth:2016:DEL

[Set16] Suman Seth. Darwin and the ethnologists: Liberal racialism and the geological analogy. *Historical Studies in the Natural Sciences*, 46(4):490–527, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Seth:2020:RME

[Set20] Suman Seth. Russell McCormmach and the empathetic worldview. *Historical Studies in the Natural Sciences*, 50(1–2):5–10, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Silva:2013:CPQ

[SF13] Indianara Silva and Olival Freire, Jr. The concept of the photon in question: The controversy surrounding the HBT effect circa 1956–1958. *Historical Studies in the Natural Sciences*, 43(4):453–491, September 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.4.453`. See corrections [SF15].

Silva:2015:CCP

[SF15] Indianara Silva and Olival Freire, Jr. Corrections: "The Concept of the Photon in Question: The Controversy Surrounding the HBT Effect circa 1956–1958, HSNS **43**, no. 4 (2013). *Historical Studies in the Natural Sciences*, 45(3):511, June 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.3.511`. See [SF13].

Simoes:1999:QCQ

[SG99] Ana Simões and Kostas Gavroglu. Quantum chemistry qua applied mathematics. The contributions of Charles Alfred Coulson (1910–1974). *Historical Studies in the Physical and Biological Sciences*, 29(2):363–406, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Shell:2012:HSC

[She12] Hanna Rose Shell. *Hide and seek: camouflage, photography,*

and the media of reconnaissance. Zone Books, New York, NY, USA, 2012. ISBN 1-935408-22-4. 239 + 16 pp. LCCN TR148 .S54 2012.

Sheldon:2016:RSS

[She16] Myrna Perez Sheldon. Review: *The Study of Science and Religion as Social Justice*. *Historical Studies in the Natural Sciences*, 46(4):538–547, September 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Shinn:1979:FSF

[Shi79] Terry Shinn. The French Science Faculty System, 1808–1914: Institutional change and research potential in mathematics and the physical sciences. *Historical Studies in the Physical Sciences*, 10(??): 271–332, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757392`.

Shinn:1986:RFS

[Shi86] Terry Shinn. Review: Failure or success? interpretations of 20th Century French physics. *Historical Studies in the Physical and Biological Sciences*, 16 (2):353–369, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757569`.

Shinn:1987:RFS

[Shi87] Terry Shinn. Review: Failure or success? interpretations of 20th Century French physics. *Historical Studies in the Physical and Biological Sciences*, 17 (2):361–??, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757588`.

Shinn:1993:BGE

[Shi93] Terry Shinn. Bellevue grand électroaimant, 1900–1940: Birth of a research-technology community. *Historical Studies in the Physical and Biological Sciences*, 24(1):157–187, ???? 1993. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Shields:2016:MPC

[Shi16] Brit Shields. Mathematics, peace, and the Cold War: Scientific diplomacy and Richard Courant's scientific identity. *Historical Studies in the Natural Sciences*, 46(5):556–591, November 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Shindell:2019:MCE

[Shi19] Matthew Shindell. Making a community of experts: The rise of consensus-based assessments for policy in Cold War America. *Historical Studies in the Natural Sciences*, 49(1):70–103, February 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Shih:2023:TSA

[Shi23] Ashanti Shih. Talking story with the archives. *Historical Studies in the Natural Sciences*, 53(1):102–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/102/195538/Talking-Story-with-the-Archives`.

Siddiqi:2010:RRG

[Sid10] Asif A. Siddiqi. *The Red rockets' glare: spaceflight and the Soviet imagination, 1857–1957*. Cambridge centennial of flight. Cambridge University Press, Cambridge, UK, 2010. ISBN 0-521-89760-2 (hardcover). 1 v. (xiii + 402) pp. LCCN TL789.8.S65 S489 2010.

Siegfried:1959:CPH

[Sie59] Robert Siegfried. The chemical philosophy of Humphry Davy. *Chymia: Annual Studies in the History of Chemistry*, 5(??): 193–201, ???? 1959. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757185`.

Siegfried:1964:PCH

[Sie64] Robert Siegfried. The phlogistic conjectures of Humphry Davy. *Chymia: Annual Studies in the History of Chemistry*, 9 (??):117–124, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757236`.

Siegel:1978:CER

[Sie78] Daniel M. Siegel. Classical-electromagnetic and relativistic approaches to the problem of nonintegral atomic masses. *Historical Studies in the Physical Sciences*, 9(??):323–360, ???? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757382`.

Siegel:1986:ODC

[Sie86] Daniel Siegel. The origin of the displacement current. *Historical Studies in the Physical and Biological Sciences*, 17(1): 99–146, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757576`.

Sigurdsson:1992:RLD

[Sig92] Skuli Sigurdsson. 17,000 reprints later: Description and analysis of the Vito Volterra Reprint Collection. *Historical Studies in the Physical and Biological Sciences*, 22(2):391–397, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757686`.

Silliman:1974:FEP

[Sil74] Robert H. Silliman. Fresnel and the emergence of physics as a discipline. *Historical Studies in the Physical Sciences*, 4 (??):137–162, ???? 1974. CODEN HSPSAS. ISSN 0073-2672

(print), 2327-7394 (electronic). URL http://www.jstor.org/stable/27757329.

Simon:2011:CPP

[Sim11] Josep Simon. *Communicating physics: the production, circulation and appropriation of Ganot's textbooks in France and England, 1851–1887*. Pickering and Chatto, London, UK, 2011. ISBN 1-84893-130-1 (hardcover). xi + 302 pp. LCCN ????

Simon:2016:WDG

[Sim16] Josep Simon. Writing the discipline: Ganot's textbook science and the "invention" of physics. *Historical Studies in the Natural Sciences*, 46(3):392–427, June 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Simpson:2019:BCP

[Sim19] Emily Simpson. Building canals from Panama to Mars: Technological progress and scientific ideals. *Historical Studies in the Natural Sciences*, 49(4):420–446, September 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Sivin:1962:WLC

[Siv62] Nathan Sivin. William Lewis (1708–1781)
as a chemist. *Chymia: Annual Studies in the History of Chemistry*, 8(??):63–88, ???? 1962. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757218.

Slater:2000:IAS

[Sla00] Leo B. Slater. Industry and academy: The synthesis of steroids. *Historical Studies in the Physical and Biological Sciences*, 30(2):443–480, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Slaney:2012:ERB

[Sla12a] Patrick David Slaney. Eugene Rabinowitch, the Bulletin of the Atomic Scientists, and the nature of scientific internationalism in the early Cold War. *Historical Studies in the Natural Sciences*, 42(2):114–142, April 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2012.42.2.114.

Slayton:2012:DAL

[Sla12b] Rebecca Slayton. From a "dead albatross" to Lincoln labs: Applied research and the making of a normal Cold War university. *Historical Studies in the Natural Sciences*, 42(4):255–282, September 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL http://www.jstor.org/stable/10.1525/hsns.2012.42.4.255.

Sloan:2014:MCR

[Slo14] Phillip R. Sloan. Molecularizing Chicago — 1945–1965: The rise, fall, and rebirth of the University of Chicago Biophysics

Program. *Historical Studies in the Natural Sciences*, 44(4): 364–412, September 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.4.364`.

Smail:2008:DHB

[Sma08] Daniel Lord Smail. *On deep history and the brain*. An Ahmanson foundation book in the humanities. University of California Press, Berkeley, CA, USA, 2008. ISBN 0-520-25289-6 (hardcover), 1-4337-0883-3, 0-520-25812-6 (paperback). xiv + 271 pp. LCCN D16.9 .S62 2008. URL `http://catdir.loc.gov/catdir/enhancements/fy0808/2007011729-b.html`; `http://catdir.loc.gov/catdir/enhancements/fy0808/2007011729-d.html`; `http://catdir.loc.gov/catdir/toc/ecip0713/2007011729.html`.

Smeaton:1966:MCM

[Sme66] W. A. Smeaton. Macquer on the composition of metals and the artificial production of gold and silver. *Chymia: Annual Studies in the History of Chemistry*, 11(??):81–88, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757260`.

Smith:2001:I

[Smi01] Robert W. Smith. Introduction. *Historical Studies in the Physical and Biological Sciences*, 32 (1):3–9, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Smith:2006:CDV

[Smi06] Jonathan Smith. *Charles Darwin and Victorian visual culture*. Cambridge studies in nineteenth-century literature and culture. Cambridge University Press, Cambridge, UK, 2006. ISBN 0-521-85690-6 (hardcover). xxiii + 349 pp. LCCN QH46.5 .S65 2006. URL `http://www.loc.gov/catdir/enhancements/fy0703/2006283483-d.html`; `http://www.loc.gov/catdir/enhancements/fy0703/2006283483-t.html`; `http://www.loc.gov/catdir/enhancements/fy0733/2006283483-b.html`.

Smocovitis:2009:PDB

[Smo09] Vassiliki Betty Smocovitis. The 'plant *Drosophila*': E. B. Babcock, the genus *Crepis*, and the evolution of a genetics research program at Berkeley, 1915–1947. *Historical Studies in the Natural Sciences*, 39(3): 300–355, August 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Smocovitis:2012:DKH

[Smo12] Vassiliki Betty Smocovitis. Dr. Kuhn, or how I learned to stop worrying and started loving the structure. *Historical Studies in the Natural Sciences*, 42(5):

564–569, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.564.pdf`.

Soderqvist:1994:ABP

[Sod94] Thomas Soderqvist. The architecture of a biographical pathway. *Historical Studies in the Physical and Biological Sciences*, 25(1):165–175, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Solovev:1961:NMS

[Sol61] Yuriĭ Ivanovich Solov'ev. New materials for the scientific biography of J. J. Berzelius — the scientific relations of Berzelius with Russian scholars, from unpublished letters. *Chymia: Annual Studies in the History of Chemistry*, 7(??):109–125, ???? 1961. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757208`.

Solovev:1965:ULH

[Sol65] Yurii Ivanovich Solov'ev. Unpublished letters from H. Sainte-Claire Deville to B. S. Yakobi. *Chymia: Annual Studies in the History of Chemistry*, 10(??):111–120, ???? 1965. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757248`.

Somsen:2020:PRH

[Som20] Geert Somsen. The philosopher and the rooster: Henri Bergson's French diplomatic missions, 1914–1925. *Historical Studies in the Natural Sciences*, 50(4):364–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/4/364/111894/The-Philosopher-and-the-RoosterHenri-Bergson-s`.

Sonnedecker:1953:SBC

[Son53] Glenn Sonnedecker. The scientific background of chemistry teachers in representative pharmacy schools of the United States during the 19th Century. *Chymia: Annual Studies in the History of Chemistry*, 4 (??):171–200, ???? 1953. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757168`.

Sowards:2017:CSS

[Sow17] Adam M. Sowards. Claiming spaces for science: Scientific exploration and the Canadian Arctic Expedition of 1913–1918. *Historical Studies in the Natural Sciences*, 47(2):164–199, April 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Spary:2012:EEF

[Spa12] E. C. (Emma C.) Spary. *Eating the Enlightenment: food and*

the sciences in Paris. University of Chicago Press, Chicago, IL, USA, 2012. ISBN 0-226-76886-4 (hardcover), 0-226-76888-0 (e-book). xi + 366 pp. LCCN GT2853.F8 S737 2012.

Spier:2011:BHF

[Spi11] Fred Spier. *Big history and the future of humanity*. Wiley-Blackwell, Chichester, UK, 2011. ISBN 1-4443-3421-2 (hardcover), 1-4443-3943-5 (paperback). xv + 272 pp. LCCN CB19 .S679 2011.

Sanchez-Ron:2002:IRS

[SR02a] José M. Sánchez-Ron. International relations in Spanish physics from 1900 to the Cold War. *Historical Studies in the Physical and Biological Sciences*, 33(1):3–31, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Shama:2002:AIR

[SR02b] Gilbert Shama and Jonathan Reinarz. Allied intelligence reports on wartime German penicillin research and production. *Historical Studies in the Physical and Biological Sciences*, 32 (2):347–367, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Siegmund-Schultze:2018:AMV

[SS18] Reinhard Siegmund-Schultze. Applied mathematics versus fluid dynamics: The catalytic role of Richard von Mises (1883–1953). *Historical Studies in the Natural Sciences*, 48(4):475–525, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Santesmases:2015:CBE

[SSD15] María Jesús Santesmases and Edna Suárez-Díaz. A cell-based epistemology: Human genetics in the era of biomedicine. *Historical Studies in the Natural Sciences*, 45(1):1–13, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.1`.

Sviedrys:1970:RPS

[ST70] Romualdas Sviedrys and Arnold Thackray. The rise of physical science at Victorian Cambridge with commentary and with reply. *Historical Studies in the Physical Sciences*, 2 (??):127–151, ???? 1970. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757306`.

Sepkoski:2018:ISC

[ST18] David Sepkoski and Marco Tamborini. "An image of science": Cameralism, statistics, and the visual language of natural history in the Nineteenth Century. *Historical Studies in the Natural Sciences*, 48(1):56–109, February 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Stanley:2008:BRE

[Sta08] Matthew Stanley. Book reviews: Einstein: Essence or Explanation? *Einstein: His Life and Universe*, by Walter Isaacson. New York: Simon & Schuster, 2007. xxii + 675 pp., illus., index. $32 (cloth). *Einstein: A Biography*, by Jürgen Neffe. Trans. Shelley Frisch. New York: Farrar, Straus, and Giroux, 2007. x + 461 pp., illus., index. $30 (cloth). *Einstein on Politics*. David E. Rowe and Robert Schulmann, ed. Princeton: Princeton University Press, 2007. xxxiv + 523 pp., illus., index. $29.95 (cloth). *Historical Studies in the Natural Sciences*, 38(1):153–161, February 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Staley:2011:BRD

[Sta11] Richard Staley. Book review: Discontinuous memory and the making of quantum mechanics: *Quantum Theory at the Crossroads: Reconsidering the 1927 Solvay Conference* by Guido Bacciagaluppi and Antony Valentini; *Beyond Uncertainty: Heisenberg, Quantum Physics, and the Bomb* by David C. Cassidy; *Crafting the Quantum: Arnold Sommerfeld and the Practice of Theory, 1890–1926* by Suman Seth. *Historical Studies in the Natural Sciences*, 41(4):447–456, November 2011. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2011.41.4.447`. See [BV09, Cas09b, Set10].

Stark:2012:HKB

[Sta12] Laura Stark. The house that Kuhn built: Teaching Fleck's genesis and development through structure. *Historical Studies in the Natural Sciences*, 42(5):570–575, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.570.pdf`.

Staley:2016:RTH

[Sta16] Richard Staley. Review: *Telling Histories: Working Worlds and the Sciences of the Twentieth Century*. *Historical Studies in the Natural Sciences*, 46(1):110–118, February 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Stark:2019:BCP

[Sta19] James F. Stark. Biopolitics and the collective predicament. *Historical Studies in the Natural Sciences*, 49(5):566–572, November 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Stewart:1988:RTC

[Ste88] Larry Stewart. Review: Texts and contextualists: The hunting of Newtonianism. *Historical Studies in the Physical and*

Biological Sciences, 19(1):193–197, ???? 1988. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757621`.

Stevens:2003:FPJ

[Ste03] Hallam Stevens. Fundamental physics and its justifications, 1945–1993. *Historical Studies in the Physical and Biological Sciences*, 34(1):151–197, September 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Stevens:2016:RSD

[Ste16] Hallam Stevens. Review: *Seeing Data*. *Historical Studies in the Natural Sciences*, 46(2):252–259, April 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Stradins:1964:WTG

[Str64] Janis Stradins. The work of Theodore Grotthus and the invention of the Davy Safety Lamp. *Chymia: Annual Studies in the History of Chemistry*, 9(??):125–145, ???? 1964. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757237`.

Strasser:2006:FNS

[Str06] Bruno J. Strasser. *La fabrique d'une nouvelle science: la biologie moléculaire à l'âge atomique (1945–1964)*. Leo S. Olschki, Firenze, Italy, 2006. ISBN 88-222-5496-1. xxxiii + 450 pp. LCCN QH506 .S8255 2006.

Strasser:2008:BRM

[Str08] Bruno J. Strasser. Book reviews: Magic Bullets and Wonder Pills: Making Drugs and Diseases in the Twentieth Century: Robert Bud. *Penicillin: Triumph and Tragedy*. Oxford: Oxford University Press, 2007. 344 pp., illus. ISBN 978-0-19-925406-4. $46 (hardcover). Jeremy A. Greene. *Prescribing by Numbers: Drugs and the Definition of Disease*. Baltimore: Johns Hopkins University Press, 2007. 336 pp., illus. ISBN 978-0-8018-8477-1. $42.70 (hardcover). John E. Lesch. *The First Miracle Drugs: How the Sulfa Drugs Transformed Medicine*. Oxford: Oxford University Press, 2007. 376 pp., illus. ISBN 978-0-19-518775-5. $59.50 (hardcover). Elizabeth Siegel Watkins. *The Estrogen Elixir: A History of Hormone Replacement Therapy in America*. Baltimore: Johns Hopkins University Press, 2007. 368 pp. ISBN 978-0-8018-8602-7. $37.10 (hardcover). *Historical Studies in the Natural Sciences*, 38(2): 303–312, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Strasser:2010:LMC

[Str10] Bruno J. Strasser. Laboratories, museums, and the comparative perspective: Alan A. Boyden's quest for objectivity in serologi-

cal taxonomy, 1924–1962. *Historical Studies in the Natural Sciences*, 40(2):149–182, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Stuewer:1975:GLD

[Stu75] Roger H. Stuewer. G. N. Lewis on detailed balancing, the symmetry of time, and the nature of light. *Historical Studies in the Physical Sciences*, 6 (??):469–511, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757347`.

Stuewer:1986:RSM

[Stu86] Roger H. Stuewer. Rutherford's satellite model of the nucleus. *Historical Studies in the Physical and Biological Sciences*, 16 (2):321–352, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757568`.

Sunderland:2012:CBR

[Sun12] Mary E. Sunderland. Collections-based research at Berkeley's Museum of Vertebrate Zoology. *Historical Studies in the Natural Sciences*, 42(2):83–113, April 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.2.83`.

Sur:2002:SSJ

[Sur02] Abha Sur. Scientism and social justice: Meghnad Saha's critique of the state of science in India. *Historical Studies in the Physical and Biological Sciences*, 33(1):87–105, September 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Surita:2022:PPM

[Sur22] Gina Surita. The power of phosphate: Making and breaking bonds across the Atlantic, 1927–1946. *Historical Studies in the Natural Sciences*, 52(1):1–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/1/120501/The-Power-of-PhosphateMaking-and-Breaking-Bonds`.

Sutton:1981:PSE

[Sut81] Geoffrey Sutton. The politics of science in early Napoleonic France: The case of the Voltaic pile. *Historical Studies in the Physical Sciences*, 11(2): 329–366, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757483`.

Sviedrys:1976:RPL

[Svi76] Romualdas Sviedrys. The rise of physics laboratories in Britain. *Historical Studies in the Physical Sciences*, 7(??):

405–436, ???? 1976. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757360`.

Saraiva:2010:AAG

[SW10] Tiago Saraiva and M. Norton Wise. Autarky/autarchy: Genetics, food production, and the building of fascism. *Historical Studies in the Natural Sciences*, 40(4):419–428, Fall 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2010.40.4.419`.

Swanner:2017:ISC

[Swa17] Leandra Swanner. Instruments of science or conquest? Neocolonialism and modern American astronomy. *Historical Studies in the Natural Sciences*, 47(3):293–319, June 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Szczygielska:2023:RTI

[Szc23] Marianna Szczygielska. Reading teeth: Ivory as an artifact of classed whiteness. *Historical Studies in the Natural Sciences*, 53(3):308–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/3/308/196660/Reading-TeethIvory-as-an-Artifact-of-Classed`.

Szymborski:1984:PIC

[Szy84] Krzysztof Szymborski. The physics of imperfect crystals — a social history. *Historical Studies in the Physical Sciences*, 14 (2):317–355, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757536`.

Tabernero:2022:CKS

[Tab22] Carlos Tabernero. The case of the killer she-wolf: Media, the natural sciences, and the construction of the environment in late Franco's Spain. *Historical Studies in the Natural Sciences*, 52(4):524–??, September 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/4/524/191417/The-Case-of-the-Killer-She-WolfMedia-the-Natural`.

Tai:2017:LRM

[Tai17] Chaokang Tai. Left radicalism and the Milky Way: Connecting the scientific and socialist virtues of Anton Pannekoek. *Historical Studies in the Natural Sciences*, 47(2):200–254, April 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Takats:2011:ECE

[Tak11] Sean Takats. *The expert cook in Enlightenment France*, volume 2 of *The Johns Hopkins University studies in historical*

and political science, 129th series. The Johns Hopkins University Press, Baltimore, MD, USA, 2011. ISBN 1-4214-0283-1 (hardcover). x + 203 pp. LCCN TX719 .T253 2011.

Takeshita:2012:GBI

[Tak12] Chikako Takeshita. *The global biopolitics of the IUD: how science constructs contraceptive users and women's bodies*. Inside technology. MIT Press, Cambridge, MA, USA, 2012. ISBN 0-262-01658-3. xvi + 238 pp. LCCN RG137.3 .T35 2012.

Taltavull:2016:TKA

[Tal16] Marta Jordi Taltavull. Transmitting knowledge across divides: Optical dispersion from classical to quantum physics. *Historical Studies in the Natural Sciences*, 46(3):313–359, June 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Tamborini:2018:EHN

[Tam18] Marco Tamborini. Expanding the history of natural history. *Historical Studies in the Natural Sciences*, 48(3):390–401, June 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Turchetti:2020:IJN

[TAR+20] Simone Turchetti, Matthew Adamson, Giulia Rispoli, Doubravka Olšáková, and Sam Robinson. Introduction: Just Needham to Nixon? On writing the history of "science–diplomacy". *Historical Studies in the Natural Sciences*, 50(4):323–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/4/323/111896/IntroductionJust-Needham-to-Nixon-On-Writing-the`.

Tatarchenko:2016:CSM

[Tat16] Ksenia Tatarchenko. Calculating a showcase: Mikhail Lavrentiev, the politics of expertise, and the international life of the Siberian science-city. *Historical Studies in the Natural Sciences*, 46(5):592–632, November 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Tatarchenko:2019:TAC

[Tat19] Ksenia Tatarchenko. Thinking algorithmically: From Cold War computer science to the socialist information culture. *Historical Studies in the Natural Sciences*, 49(2):194–225, April 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Taylor:1948:AMM

[Tay48] F. Sherwood Taylor. The argument of Morien and Merlin: An English alchemical poem. *Chymia: Annual Studies in the History of Chemistry*, 1(??):23–35, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757112`.

Tavares:2020:TSI

[TBV20] Heráclio D. Tavares, Alexandre Bagdonas, and Antonio A. P. Videira. Transnationalism as scientific identity: Gleb Wataghin and Brazilian physics, 1934–1949. *Historical Studies in the Natural Sciences*, 50(3):248–301, June 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/3/248/110325/Transnationalism-as-Scientific-IdentityGleb`.

Tchorbadjiev:1967:PRF

[Tch67] S. Tchorbadjiev. P. N. Raikov — founder of organic chemistry in Bulgaria. *Chymia: Annual Studies in the History of Chemistry*, 12(??):171–181, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757280`.

Teasley:2023:SSP

[Tea23] Sarah Teasley. Sticky solutions: The persistence of animal glues in laboratories and workshops in Twentieth-Century Japan. *Historical Studies in the Natural Sciences*, 53(3):278–??, June 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/3/278/196659/Sticky-SolutionsThe-Persistence-of-Animal-Glues-in`.

Teissier:2010:SSC

[Tei10] Pierre Teissier. Solid-state chemistry in France: Structures and dynamics of a scientific community since World War II. *Historical Studies in the Natural Sciences*, 40(2):225–258, May 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

TenHagen:2019:HFS

[Ten19] Sjang L. Ten Hagen. How "facts" shaped modern disciplines: The fluid concept of fact and the common origins of German physics and historiography. *Historical Studies in the Natural Sciences*, 49(3):300–337, June 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

TenHagen:2022:HTN

[Ten22] Sjang L. Ten Hagen. History as a tool for natural science: How Ernst Mach applied historical methods to physics. *Historical Studies in the Natural Sciences*, 52(1):40–??, February 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/1/40/120502/History-as-a-Tool-for-Natural-ScienceHow-Ernst`.

Terrall:2014:CNA

[Ter14] Mary Terrall. *Catching nature in the act: Réaumur and the practice of natural history in the eighteenth century*. University

of Chicago Press, Chicago, IL, USA, 2014. ISBN 0-226-08860-X (hardcover), 0-226-08874-X (e-book). viii + 275 pp. LCCN QH15 .T47 2014.

Thomas:1984:JSF

[Tho84] Jerry Thomas. John Stuart Foster, McGill University, and the renaissance of nuclear physics in Montreal, 1935–1950. *Historical Studies in the Physical Sciences*, 14(2):357–377, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757537`.

Thomas:2012:SDI

[Tho12] William Thomas. Strategies of detection: Interpretive methods in experimental particle physics, 1930–1950. *Historical Studies in the Natural Sciences*, 42(5): 389–431, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.389.pdf`.

Thomas:2017:BSN

[Tho17] Marion Thomas. Biological and social new orders: Charles Robin (1821–1885) and Comteanism in the Third Republic. *Historical Studies in the Natural Sciences*, 47(5):653–677, November 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Thompson:2022:GHN

[Tho22] Peter Thompson. From gas hysteria to nuclear fear: a historical synthesis of chemical and atomic weapons. *Historical Studies in the Natural Sciences*, 52(2):223–??, April 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/2/223/144554/From-Gas-Hysteria-to-Nuclear-FearA-Historical`.

Tiemeyer:2013:PQL

[Tie13] Philip James Tiemeyer. *Plane queer: labor, sexuality, and AIDS in the history of male flight attendants*. University of California Press, Berkeley, CA, USA, 2013. ISBN 0-520-27476-8 (hardcover), 0-520-27477-6 (paperback), 0-520-95530-7 (e-book). xi + 288 pp. LCCN HD6073.A432 T54 2013.

Tilley:2011:ALL

[Til11] Helen Tilley. *Africa as a living laboratory: empire, development, and the problem of scientific knowledge, 1870–1950*. University of Chicago Press, Chicago, IL, USA, 2011. ISBN 0-226-80346-5 (hardcover), 0-226-80347-3 (paperback). xiv + 496 pp. LCCN Q180.A5 T55 2011.

Tatarchenko:2016:MSP

[TP16] Ksenia Tatarchenko and Christopher J. Phillips. Mathematical super-

powers: The politics of universality in a divided world. *Historical Studies in the Natural Sciences*, 46(5):549–555, November 2016. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Trenn:1975:RRA

[Tre75] Thaddeus J. Trenn. Rutherford and recoil atoms: The metamorphosis and success of a once stillborn theory. *Historical Studies in the Physical Sciences*, 6(??):513–547, ???? 1975. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757348`.

Turner:1971:GPR

[Tur71] R. Steven Turner. The growth of professorial research in Prussia, 1818 to 1848 — causes and context. *Historical Studies in the Physical Sciences*, 3 (??):137–182, ???? 1971. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757317`.

Turner:1982:JLV

[Tur82] R. Steven Turner. Justus Liebig versus Prussian chemistry: Reflections on early institute-building in Germany. *Historical Studies in the Physical Sciences*, 13(1):129–162, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757508`.

Turner:2005:AFP

[Tur05] R. Steven Turner. After the famine: Plant pathology, *Phytophthora infestans*, and the late blight of potatoes, 1845–1960. *Historical Studies in the Physical and Biological Sciences*, 35 (2):341–370, March 2005. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Turchetti:2006:IBN

[Tur06] Simone Turchetti. The invisible businessman: Nuclear physics, patenting practices, and trading activities in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 37(1): 153–172, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Turner:2008:PAL

[Tur08] R. Steven Turner. Potato agriculture, late blight science, and the molecularization of plant pathology. *Historical Studies in the Natural Sciences*, 38(2):223–257, May 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Turner:2013:DSM

[Tur13] Fred Turner. *The democratic surround: multimedia and American liberalism from World War II to the psychedelic sixties*. University of Chicago Press, Chicago, IL, USA, 2013. ISBN 0-226-81746-6 (hardcover), 0-226-06414-X

(e-book). 365 pp. LCCN P95.82.U6 T87 2013.

Turchetti:2020:SDO

[Tur20] Simone Turchetti. The (science diplomacy) origins of the Cold War. *Historical Studies in the Natural Sciences*, 50(4):411–??, September 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/4/411/111898/The-Science-Diplomacy-Origins-of-the-Cold-War`.

Tyrrell:2015:BRT

[Tyr15] Brian Tyrrell. Bred for the race: Thoroughbred breeding and racial science in the United States, 1900–1940. *Historical Studies in the Natural Sciences*, 45(4):549–576, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.4.549`.

Tyrrell:2018:PA

[Tyr18] Brian Tyrrell. Political animals. *Historical Studies in the Natural Sciences*, 48(4):536–547, September 2018. ISSN 1939-1811 (print), 1939-182X (electronic).

Ungureanu:2019:CEC

[Ung19] James C. Ungureanu. Creation, evolution, and the continuing conflict. *Historical Studies in the Natural Sciences*, 49(5):573–584, November 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Urdang:1948:ECP

[Urd48] George Urdang. The early chemical and pharmaceutical history of calomel. *Chymia: Annual Studies in the History of Chemistry*, 1(??):93–108, ???? 1948. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757117`.

VanKlooster:1949:BLI

[Van49] H. S. Van Klooster. The beginnings of laboratory instruction in chemistry in the U.S.A. *Chymia: Annual Studies in the History of Chemistry*, 2(??):1–15, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757128`.

VanDongen:2007:ERA

[Van07a] Jeroen Van Dongen. Emil Rupp, Albert Einstein, and the canal ray experiments on wave-particle duality: Scientific fraud and theoretical bias. *Historical Studies in the Physical and Biological Sciences*, 37(S1):73–120, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.73.pdf`.

VanDongen:2007:IER

[Van07b] Jeroen Van Dongen. The interpretation of the Einstein–Rupp experiments and their in-

fluence on the history of quantum mechanics. *Historical Studies in the Physical and Biological Sciences*, 37(S1):121–131, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.121.pdf`.

Vargha:2021:V

[Var21] Dóra Vargha. The vaccine. *Historical Studies in the Natural Sciences*, 51(1):162–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/162/116289/The-Vaccine`.

Vaziri:2023:TA

[Vaz23] Parisa Vaziri. Tracing absence. *Historical Studies in the Natural Sciences*, 53(1):106–??, February 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/1/106/195529/Tracing-Absence`.

Vance:2010:GMC

[VD10] Tiffany C. Vance and Ronald E. Doel. Graphical methods and Cold War scientific practice: The Stommel Diagram's intriguing journey from the physical to the biological environmental sciences. *Historical Studies in the Natural Sciences*, 40(1):1–47, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Vedanayagam:2019:BCT

[Ved19] Joseph Satish Vedanayagam. Beyond the conflict thesis: Studying science and religion as public policy. *Historical Studies in the Natural Sciences*, 49(4):459–469, September 2019. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Vedanayagam:2020:BRE

[Ved20] Joseph Satish Vedanayagam. Book review: Exploring the many meanings of purpose and dialogue in religion and science [Yves Gingras. *Science and Religion: An Impossible Dialogue*. Cambridge: Polity Press, 2017. 272 pp., illus., index. ISBN 978-1-509-51893-7. $26. 95 (paper). Edward J. Larson and Michael Ruse. *On Faith and Science*. New Haven, CT: Yale University Press, 2017. 312 pp., index. ISBN 978-0-300-21617-2. $30. 00 (cloth). Michael Ruse. *On Purpose*. Princeton, NJ: Princeton University Press, 2018. 320 pp., index. ISBN 978-0-691-17246-0. $27. 95 (cloth)]. *Historical Studies in the Natural Sciences*, 50(3):311–322, June 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/3/311/110326/Exploring-the-Many-Meanings-of-Purpose-and`.

Velocci:2022:WTB

[Vel22] Beans Velocci. Wrenching torque: On being professionally nonbinary. *Historical Studies in the Natural Sciences*, 52(3):476–??, June 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/3/476/185526/Wrenching-TorqueOn-Being-Professionally-Nonbinary`.

Vettel:2004:PNS

[Vet04] Eric J. Vettel. The protean nature of Stanford University's biological sciences, 1946–1972. *Historical Studies in the Physical and Biological Sciences*, 35(1):95–113, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Vettel:2006:BCO

[Vet06] Eric James Vettel. *Biotech: the countercultural origins of an industry*. Politics and culture in modern America. University of Pennsylvania Press, Philadelphia, PA, USA, 2006. ISBN 0-8122-3947-4, 0-8122-2051-X (paperback), 0-8122-0362-3 (e-book). xv + 273 pp. LCCN HD9999.B442 V48 2006.

Vienne:2017:WCC

[Vie17] Florence Vienne. Worlds conflicting: The cell theories of François-Vincent Raspail and Theodor Schwann. *Historical Studies in the Natural Sciences*, 47(5):629–652, November 2017. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

VonRauchhaupt:2001:CCU

[Von01] Ulf Von Rauchhaupt. Colorful clouds and unruly rockets: Early research programs at the Max Planck Institute for Extraterrestrial Physics. *Historical Studies in the Physical and Biological Sciences*, 32(1):115–124, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

VonOertzen:2018:DSV

[Von18] Christine Von Oertzen. Datafication and spatial visualization in Nineteenth-Century census statistics. *Historical Studies in the Natural Sciences*, 48(5):568–580, November 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Voskuhl:2020:IH

[Vos20] Adelheid Voskuhl. Industrialization as a historical episode. *Historical Studies in the Natural Sciences*, 50(1–2):50–57, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

vanSpronsen:1967:HPL

[vS67] Jan W. van Spronsen. The history and prehistory of the law of Dulong and Petit as applied to the determination of atomic weights. *Chymia: Annual Studies in the History of Chemistry*,

12(??):157–169, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757279.

vanSpronsen:1966:OHY

[vSvS66] J. W. van Spronsen and J. W. van Spronson. One hundred years of the "*Law of Octaves*": When the Italian Cannizzaro was fighting for atomic weights in Karlsruhe, Newlands fought for the liberation of Italy. *Chymia: Annual Studies in the History of Chemistry*, 11(??): 125–137, ???? 1966. CODEN CHYMAP. ISSN 0095-9367. URL http://www.jstor.org/stable/27757263.

Walker:1992:PPW

[Wal92] Mark Walker. Physics and propaganda: Werner Heisenberg's Foreign Lectures under National Socialism. *Historical Studies in the Physical and Biological Sciences*, 22(2):339–389, ???? 1992. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL http://www.jstor.org/stable/27757685.

Walker:1994:SNS

[Wal94a] Mark Walker. Science, National Socialism, and the longue durée. *Historical Studies in the Physical and Biological Sciences*, 24 (2):395–402, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Walters:1994:PS

[Wal94b] Alice Walters. Public science. *Historical Studies in the Physical and Biological Sciences*, 24 (2):403–??, ???? 1994. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Walker:2000:TTC

[Wal00] Deborah Walker. From Tallahassee to Timbuktu: Cold War efforts to measure intercontinental distances. *Historical Studies in the Physical and Biological Sciences*, 30(2):393–415, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Walker:2015:BRE

[Wal15a] Mark Walker. Book review: Émigré Biographies: Anja Skaar Jacobsen, *Léon Rosenfeld: Physics, Philosophy, and Politics in the Twentieth Century*. Hackinsack: World Scientific, 2012. xii + 354 pp., illus., index. ISBN 978-981-4307-81-9. $87.00 (hardcover).; Christoph Laucht, *Elemental Germans: Klaus Fuchs, Rudolf Peierls and the Making of British Nuclear Culture 1939–1959*. London: Palgrave Macmillan, 2012. xiv + 274 pp., index. ISBN 978-0-230-35487-6. $75.00 (hardcover).; Mary Jo Nye, *Michael Polanyi and His Generation: Origins of the Social Construction of Science*. Chicago: University of Chicago Press, 2011. xi + 405 pp., illus.,

index. ISBN 978-0-226-61063-4. $50.00 (hardcover).; Silvan S. Schweber, *Nuclear Forces: The Making of the Physicist Hans Bethe*. Cambridge, MA: Harvard University Press, 2012. viii + 579 pp., illus., index. ISBN 978-0-674-06587-1. $35.00 (hardcover). *Historical Studies in the Natural Sciences*, 45(1): 206–216, February 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.1.206`.

Wallace:2015:CSP

[Wal15b] Matthew L. Wallace. A climate for science policy: Constructing postwar atmospheric research in Canada, 1945–1970. *Historical Studies in the Natural Sciences*, 45(4):577–609, September 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.4.577`.

Walker:2021:V

[Wal21] Oriana Walker. The ventilator. *Historical Studies in the Natural Sciences*, 51(1):165–??, February 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/1/165/116290/The-Ventilator`.

Wang:1995:LPL

[Wan95a] Jessica Wang. Liberals, the progressive left, and the political economy of postwar American science: The National Science Foundation debate revisited. *Historical Studies in the Physical and Biological Sciences*, 26 (1):139–166, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Wang:1995:PBS

[Wan95b] Zuoyue Wang. The politics of big science in the Cold War: PSAC and the funding of SLAC. *Historical Studies in the Physical and Biological Sciences*, 25 (2):329–356, ???? 1995. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Wang:1999:MSP

[Wan99a] Jessica Wang. Merton's shadow: Perspectives on science and democracy since 1940. *Historical Studies in the Physical and Biological Sciences*, 30(1): 279–306, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Wang:1999:UCS

[Wan99b] Zuoyue Wang. U.S.–China scientific exchange: a case study of state-sponsored scientific internationalism during the Cold War and beyond. *Historical Studies in the Physical and Biological Sciences*, 30(1):249–277, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Wang:2008:SSP

[Wan08] Zuoyue Wang. *In Sputnik's shadow: the President's Science Advisory Committee and Cold War America*. Rutgers University Press, New Brunswick, NJ, USA, 2008. ISBN 0-8135-4331-2, (paperback), 0-8135-4332-0 (paperback). xix + 454 pp. LCCN Q127.U6 W365 2008. URL `http://www.loc.gov/catdir/toc/ecip0726/2007035777.html`.

Wang:2012:PES

[Wan12] Jessica Wang. Physics, emotion, and the scientific self: Merle Tuve's Cold War. *Historical Studies in the Natural Sciences*, 42(5):341–388, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.341.pdf`.

Wang:2020:MPC

[Wan20] Zuoyue Wang. From modern physics to the Cold War and beyond. *Historical Studies in the Natural Sciences*, 50(1–2): 25–30, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Watkins:2007:EEH

[Wat07] Elizabeth Siegel Watkins. *The estrogen elixir: a history of hormone replacement therapy in America*. The Johns Hopkins University Press, Baltimore, MD, USA, 2007. ISBN 0-8018-8602-3. ix + 351 pp. LCCN RM295 .W38 2007.

Weart:1997:GWC

[Wea97] Spencer R. Weart. Global warming, Cold War, and the evolution of research plans. *Historical Studies in the Physical and Biological Sciences*, 27(2): 319–356, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Weart:2007:MKM

[Wea07] Spencer R. Weart. Money for Keeling: Monitoring CO_2 levels. *Historical Studies in the Physical and Biological Sciences*, 37 (2):435–452, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Weisberg:2022:PPB

[Wei22] Sarah Weisberg. Pipeline, pathway, burrow: Reworking science's metaphorical terrain. *Historical Studies in the Natural Sciences*, 52(5):629–??, November 2022. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/52/5/629/194654/Pipeline-Pathway-BurrowReworking-Science-s`.

Wellerstein:2012:BRN

[Wel12] Alex Wellerstein. Book review: Nuclear others: *Being Nuclear: Africans and the Global Uranium Trade* by Gabrielle Hecht.

Historical Studies in the Natural Sciences, 42(3):235–243, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.3.235`.

Werner:1997:LAW

[Wer97] Petra Werner. Learning from an adversary? Warburg against Wieland. *Historical Studies in the Physical and Biological Sciences*, 28(1):173–196, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westwick:1996:ASC

[Wes96a] Peter J. Westwick. 'abraded from several corners:' medical physics and biophysics at Berkeley. *Historical Studies in the Physical and Biological Sciences*, 27(1):131–162, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westwick:1996:SB

[Wes96b] Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 27(1):177–??, ???? 1996. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westwick:1997:SBa

[Wes97a] Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 27(2):357–??, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westwick:1997:SBb

[Wes97b] Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 28(1):197–??, ???? 1997. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westwick:1998:SBa

[Wes98a] Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 28(2):353–??, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westwick:1998:SBb

[Wes98b] Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 29(1):183–??, ???? 1998. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westwick:2000:SB

[Wes00] Peter J. Westwick. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 30(2):481–??, ???? 2000. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westfall:2001:CTS

[Wes01a] Catherine Westfall. Collaborating together: The stories of

TPC, UA1, CDF, and CLAS. *Historical Studies in the Physical and Biological Sciences*, 32 (1):163–178, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westfall:2001:F

[Wes01b] Catherine Westfall. Foreword. *Historical Studies in the Physical and Biological Sciences*, 32 (1):1, September 2001. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westfall:2002:TTM

[Wes02] Catherine Westfall. A tale of two more laboratories: Readying for research at Fermilab and Jefferson Laboratory. *Historical Studies in the Physical and Biological Sciences*, 32(2): 369–407, March 2002. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Westwick:2007:BJA

[Wes07] Peter J. Westwick. *Into the black: JPL and the American space program, 1976–2004*. Yale University Press, New Haven, CT, USA, 2007. ISBN 0-300-11075-8. xviii + 392 pp. LCCN TL862.J48 W47 2007. URL `http://www.loc.gov/catdir/enhancements/fy0643/2006013349-b.html`; `http://www.loc.gov/catdir/enhancements/fy0643/2006013349-d.html`; `http://www.loc.gov/catdir/toc/ecip0612/2006013349.html`.

Westfall:2008:ISI

[Wes08a] Catherine Westfall. Introduction to the special issue: Surviving the squeeze: National Laboratories in the 1970s and 1980s. *Historical Studies in the Natural Sciences*, 38(4):475–478, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Westfall:2008:RFL

[Wes08b] Catherine Westfall. Retooling for the future: Launching the Advanced Light Source at Lawrence's Laboratory, 1980–1986. *Historical Studies in the Natural Sciences*, 38(4):569–609, November 2008. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Westfall:2010:STT

[Wes10] Catherine Westfall. Surviving to tell the tale: Argonne's Intense Pulsed Neutron Source from an ecosystem perspective. *Historical Studies in the Natural Sciences*, 40(3):350–398, August 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Westwick:2012:BSM

[Wes12] Peter J. Westwick, editor. *Blue sky metropolis: the aerospace century in Southern California*, volume 4 of *Western histories*. Published for Huntington-USC Institute on California and the

West by University of California Press and Huntington Library, San Marino, California, Berkeley, CA, USA, 2012. ISBN 0-87328-249-3 (hardcover). xii + 308 pp. LCCN HD9711.5.U63 C23 2012.

Westfall:2020:RC

[Wes20] Catherine Westfall. Reimagining 20th-Century physics. *Historical Studies in the Natural Sciences*, 50(1–2):209–216, April 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Wilson:2010:KAJ

[WG10] Edward O. Wilson and José María Gómez Durán. *Kingdom of ants: José Celestino Mutis and the dawn of natural history in the New World*. The Johns Hopkins University Press, Baltimore, MD, USA, 2010. ISBN 0-8018-9785-8, 0-8018-9973-7 (e-book). viii + 95 pp. LCCN QK31.M8 W55 2010eb.

Wheaton:1978:PLP

[Whe78] Bruce R. Wheaton. Philipp Lenard and the photoelectric effect, 1889–1911. *Historical Studies in the Physical Sciences*, 9(??):299–322, ???? 1978. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757381`.

Wheaton:1981:IXR

[Whe81] Bruce R. Wheaton. Impulse X-rays and radiant intensity: The double edge of analogy. *Historical Studies in the Physical Sciences*, 11(2):367–390, ???? 1981. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757484`.

Wheaton:1982:BR

[Whe82] Bruce R. Wheaton. Book reviews. *Historical Studies in the Physical Sciences*, 13(1): 163–??, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757509`.

Wilson:1982:EAM

[Wil82] David B. Wilson. Experimentalists among the mathematicians: Physics in the Cambridge Natural Sciences Tripos, 1851–1900. *Historical Studies in the Physical Sciences*, 12(2): 325–371, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757499`.

Wilson:1983:RSG

[Wil83] David Wilson. *Rutherford, simple genius*. Hodder and Stoughton, London, UK, 1983. ISBN 0-340-23805-4. 638 + 8 pp. LCCN QC16.R8 W54 1983. US$14.95. URL `http://catalog.hathitrust.org/api/volumes/oclc/10560773.html`.

Williams:1999:FLB

[Wil99] James H. Williams. Fang Lizhi's big bang: a physicist and the state in China. *Historical Studies in the Physical and Biological Sciences*, 30(1):49–87, ???? 1999. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Williams:2013:THE

[Wil13] Rosalind H. Williams. *The triumph of human empire: Verne, Morris, and Stevenson at the end of the world*. University of Chicago Press, Chicago, IL, USA, 2013. ISBN 0-226-89955-1 (hardcover), 0-226-89958-6 (e-book). xi + 416 pp. LCCN PN3435 .W495 2013.

Wilson:2015:C

[Wil15] Benjamin Wilson. The consultants: Nonlinear optics and the social world of Cold War science. *Historical Studies in the Natural Sciences*, 45(5):758–804, November 2015. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2015.45.5.758`.

Winderlich:1949:BHC

[Win49] Rudolf Winderlich. Brenngläser als Hilfsmittel chemischen Forschens. (German) [????]. *Chymia: Annual Studies in the History of Chemistry*, 2(??):37–43, ???? 1949. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757131`.

Wise:1979:WTM

[Wis79] M. Norton Wise. William Thomson's mathematical route to energy conservation: a case study of the role of mathematics in concept formation. *Historical Studies in the Physical Sciences*, 10(??):49–83, ???? 1979. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757387`.

Wise:1982:MLB

[Wis82] M. Norton Wise. The Maxwell literature and British dynamical theory. *Historical Studies in the Physical Sciences*, 13 (1):175–205, ???? 1982. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757511`.

Wise:1987:RWD

[Wis87] M. Norton Wise. Review: What did 19th Century British physics owe to Cambridge? *Historical Studies in the Physical and Biological Sciences*, 17(2): 363–368, ???? 1987. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757589`.

Wise:2012:C

[Wis12a] M. Norton Wise. Crisis. *Historical Studies in the Natural Sciences*,

42(5):576–580, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.576.pdf`.

Wisnioski:2012:ECC

[Wis12b] Matthew H. Wisnioski. *Engineers for change: competing visions of technology in 1960s America*. Engineering studies series. MIT Press, Cambridge, MA, USA, 2012. ISBN 0-262-01826-8 (hardcover). xvii + 286 pp. LCCN T14.5 .W5664 2012.

Wittje:2004:PAT

[Wit04] Roland Wittje. A proton accelerator in Trondheim in the 1930s. *Historical Studies in the Physical and Biological Sciences*, 35(1):115–152, September 2004. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Witkowski:2021:BRN

[Wit21] Nicholas Witkowski. Book review: *Nature and Modernity in an East Asian Key: An Appreciation of Two Recent Challenges to Eurocentric Scholarship on the Genre of "Natural History"*. *Historical Studies in the Natural Sciences*, 51(2):269–??, April 2021. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/51/2/269/116757/Nature-and-Modernity-in-an-East-Asian-KeyAn`.

Werner:1967:CTA

[WK67] Alfred Werner and George B. Kauffman. Contributions to the theory of affinity and valence. *Chymia: Annual Studies in the History of Chemistry*, 12 (??):189–216, ???? 1967. CODEN CHYMAP. ISSN 0095-9367. URL `http://www.jstor.org/stable/27757282`.

Wolff:2003:PKG

[Wol03] Stefan L. Wolff. Physicists in the 'Krieg der Geister': Wilhelm Wien's 'Proclamation'. *Historical Studies in the Physical and Biological Sciences*, 33 (2):337–368, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Wolfe:2010:WDI

[Wol10] Audra J. Wolfe. What does it mean to go public? The American response to Lysenkoism, reconsidered. *Historical Studies in the Natural Sciences*, 40(1): 48–78, February 2010. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Wolfe:2013:BRG

[Wol13a] Audra J. Wolfe. Book reviews: Giving philanthropy a new history. Nick Cullather. *The Hungry World: America's Cold War Battle Against Poverty in Asia*. Cambridge, MA: Harvard University Press, 2010. xii + 348 pp., illus., index. ISBN 978-0-674-05078-5. $36.50

(hardcover); ISBN 978-0-674-72581-2; $21.95 (paper).; Inderjeet Parmar. *Foundations of the American Century: The Ford, Carnegie, and Rockefeller Foundations in the Rise of American Power*. New York: Columbia University Press, 2012. xii + 356 pp., index. ISBN 978-0-231-14628-9. $40.00 (hardcover).; Brent Ruswick. *Almost Worthy: The Poor, Paupers, and the Science of Charity in America, 1877–1917*. Bloomington: Indiana University Press, 2013. xiv + 270 pp., illus., index. ISBN 978-0-253-00634-9. $37.00 (hardcover).; Olivier Zunz. *Philanthropy in America: A History*. Princeton, NJ: Princeton University Press, 2012. xii + 384 pp. ISBN 978-0-691-12836-8. $29.95 (hardcover). *Historical Studies in the Natural Sciences*, 43(5):619–630, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.5.619`.

Wolfe:2013:CSS

[Wol13b] Audra J. Wolfe. *Competing with the Soviets: science, technology, and the state in Cold War America*. Johns Hopkins introductory series in the history of science. The Johns Hopkins University Press, Baltimore, MD, USA, 2013. ISBN 1-4214-0769-8 (hardcover), 1-4214-0771-X (paperback). viii + 166 pp. LCCN Q127.U6 W65 2013.

Wright:2014:ABI

[Wri14] Aaron Sidney Wright. The advantages of bringing infinity to a finite place: Penrose diagrams as objects of intuition. *Historical Studies in the Natural Sciences*, 44(2):99–139, April 2014. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2014.44.2.99`.

Wright:2018:GSN

[Wri18] Will Wright. Geological semantics and the naming of the Anthropocene. *Historical Studies in the Natural Sciences*, 48(1):110–122, February 2018. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Wise:1986:MWI

[WS86] M. Norton Wise and Crosbie Smith. Measurement, work and industry in Lord Kelvin's Britain. *Historical Studies in the Physical and Biological Sciences*, 17(1):147–173, ???? 1986. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/27757577`.

Wu:2020:BRK

[Wu20] Harry Yi-Jui Wu. Book review: Korean medicine: A time-honored brand that transformed itself. John P. Dimoia, *Reconstructing Bodies: Biomedicine, Health and Nation-Building in South Korea since 1945*. Stanford, CA: Stanford University

Press, 2013. 296 pp., illus. ISBN 978-0-8047-8411-5 (cloth). Theodore Jun Yoo, *It's Madness: The Politics of Mental Health in Colonial Korea*. Oakland: University of California Press, 2016. 248 pp., illus. ISBN: 978-0-520-28930-7 (cloth). Soyoung Suh, *Naming the Local: Medicine, Language, and Identity in Korea since the Fifteenth Century*. Cambridge, MA: Harvard University Press, 2017. xv + 229 pp., illus. ISBN: 978-0-674-97696-2 (cloth). *Historical Studies in the Natural Sciences*, 50(5):633–??, November 2020. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/50/5/633/114258/Korean-MedicineA-Time-Honored-Brand-that`.

Yagi:1984:CMM

[Yag84] Eri Yagi. Clausius's mathematical method and the mechanical theory of heat. *Historical Studies in the Physical Sciences*, 15 (1):177–195, ???? 1984. CODEN HSPSAS. ISSN 0073-2672 (print), 2327-7394 (electronic). URL `http://www.jstor.org/stable/27757545`.

Yeang:2003:SLD

[Yea03] Chen-Pang Yeang. The study of long-distance radio-wave propagation, 1900–1919. *Historical Studies in the Physical and Biological Sciences*, 33(2):369–403, March 2003. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Yeang:2012:MOI

[Yea12] Chen-Pang Yeang. From mechanical objectivity to instrumentalizing theory: Inventing radio ionospheric sounders. *Historical Studies in the Natural Sciences*, 42(3):190–234, June 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2012.42.3.190`.

Yi:2007:CRD

[Yi07] Doogab Yi. The coming of reversibility: The discovery of DNA repair between the atomic age and the information age. *Historical Studies in the Physical and Biological Sciences*, 37(S1):35–72, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.35.pdf`.

Young:2006:SBb

[You06a] Stephanie Young. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 37(1):173–183, September 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Young:2006:SBa

[You06b] Stephanie C. Young. Selected bibliography. *Historical Studies*

in the Physical and Biological Sciences, 36(2):397–402, March 2006. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Young:2007:SBa

[You07a] Stephanie Young. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 37(2):479–492, March 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic).

Young:2007:SBb

[You07b] Stephanie C. Young. Selected bibliography. *Historical Studies in the Physical and Biological Sciences*, 37(S1):133–139, September 2007. CODEN HSPSEW. ISSN 0890-9997 (print), 1533-8355 (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsps.2007.37.S.133.pdf`.

Yu:2023:ABC

[Yu23] Gloria B. Yu. Addiction beyond a cure. *Historical Studies in the Natural Sciences*, 53(2):189–??, April 2023. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `https://online.ucpress.edu/hsns/article/53/2/189/195999/Addiction-Beyond-a-Cure`.

Zakariya:2012:MKW

[Zak12] Nasser Zakariya. Making knowledge whole: Genres of synthesis and grammars of ignorance. *Historical Studies in the Natural Sciences*, 42(5):432–475, November 2012. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/pdfplus/10.1525/hsns.2012.42.5.432.pdf`.

Zakariya:2013:BRH

[Zak13] Nasser Zakariya. Book review: Is history still a fraud? Cynthia Stokes Brown. *Big History: From the Big Bang to the Present*. New York and London: New Press, 2007. xvi + 288 pp., illus., bibl., index. ISBN 978-1-595-58196-9. $25.95 (hardcover).; David Christian. *Maps of Time: An Introduction to Big History*. 2nd edn. Berkeley: University of California Press, 2011. xxvii + 642 pp., illus., bibl., index. ISBN 978-0-520-27144-9. $26.95 (paper).; Edmund Russell. *Evolutionary History: Uniting History and Biology to Understand Life on Earth*. Cambridge: Cambridge University Press, 2011. xxi + 216 pp., illus., bibl., index. ISBN 978-0-521-74509-3. $23.99 (paper).; Daniel Lord Smail. *On Deep History and the Brain*. Berkeley: University of California Press, 2011. xiv + 271 pp., bibl., index. ISBN 978-0-520-25812-9. $21.95 (paper).; Frederick Spier. *Big History and the Future of Humanity*. Chichester, U.K. and Malden, MA: Wiley-Blackwell, 2010. xv + 272 pp., illus., bibl., index. ISBN 978-1-4443-3943-7. $130.95 (hard-

cover). *Historical Studies in the Natural Sciences*, 43(5):631–641, November 2013. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic). URL `http://www.jstor.org/stable/10.1525/hsns.2013.43.5.631`.

Zulueta:2009:MMG

[Zul09] Benjamin C. Zulueta. Master of the master gland: Choh Hao Li, the University of California, and science, migration, and race. *Historical Studies in the Natural Sciences*, 39(2):129–170, May 2009. CODEN ???? ISSN 1939-1811 (print), 1939-182X (electronic).

Zunz:2012:PAH

[Zun12] Olivier Zunz. *Philanthropy in America: a history*. Politics and society in twentieth-century America. Princeton University Press, Princeton, NJ, USA, 2012. ISBN 0-691-12836-7 (hardcover). x + 381 pp. LCCN HV91 .Z86 2012.