## Index

**acquis communautaire**
- CEE policy adjustment to 116, 117–18
- conditionality credibility 175–6, 182, 183–4, 185, 186, 187–8
- Energy Community implementation of 160–68
- administrative culture and practices, EPI 29–30, 34, 38
- agenda-setting phase, CCS 86–7
- Aggestam, L. 157
- Ain Beni Mathar solar thermal plant 198, 200, 202
- Albania
  - compliance with energy acquis 161–6
  - membership of Energy Community 159–61
- Albania, Moroccan dependence on 196–7, 202
- Amsterdam Treaty 25–6
- analytical framework 10–15
- Andersen, S. 1, 7, 11, 13, 97, 99
- Anderson, T. 77, 78
- Andonova, L.B. 119, 120
- Athens Process 158–9, 164
- Austria, feed-in tariff system 74–5
- Azerbaijan
  - EU energy relations 141–3, 150–51
  - and INOGATE–Baku Initiative 144
- Bache, I. 52
- Baku Initiative 143–5, 149, 150
- Bankwatch 143
- Barbé, E. 174
- Barnes, D. 196
- Bechberger, M. 74
- Belkin, P. 211
- Belyi, A. 9
- Benner, J.H.B. 77, 78
- bilateral dimension, external relations 136–43
- binding quantitative targets 40–41
- Bliem, M. 76
- block purchasing mechanism 143
- Bomberg, E. 53, 55
- book structure 15–18
- Börzel, T.A. 71, 173
- Bosnia and Herzegovina
  - compliance with energy acquis 161–6
  - membership of Energy Community 159–61
- Bosselman, K. 55
- Bradbrook, A. 134
- Brand, B. 193
- Braun, J.F. 103, 106, 108
- Brice, R. 6
- Buchan, D. 2, 3, 4, 5, 132, 211, 216
- Bulgaria, energy consumption 125–8
- Bulmer, S. 12
- burden-sharing agreements 40
- Busch, P.O. 66, 67
- Buzan, B. 151
- Caporaso, J. 13, 98
- carbon capture and storage (CCS)
  - agenda setting phase 86–7
  - challenges and policy-making process 88–92
  - Europeanizing 93–5
  - moving onto energy agenda 92–3
  - role in future energy policy 95–6
  - environmental taxes 122–3, 124–5, 126
  - storage sites/transportation 88–90
- Cardiff Process 8, 36, 38, 41, 42–3, 53
- cars, environmental taxes 122–3, 124–5, 126
- Casier, T. 177
- Caspian Development Corporation 143
- Central and Eastern Europe (CCE)
  - Europeanization of energy policy 117–18
energy security 86
explaining energy policy choices 118–21
feed-in tariffs and green certificate systems 71–8
socializing influence of EU 157–8
use of environmental taxes 121–4
use of environmental taxes compared to EU-15 124–8
Centre de Développement des Energies Renouvelables (CDER), Morocco 198
Cerveny, M. 75
Ciuta, F. 151
climate change policy
progress on integration 28–42
prospects for future integration 44–5
strengths and weaknesses of EU approach 42–3
Cochet, Y. 75
coercive policy coordination 68–9
cohesion funds 119, 120
Collier, U. 4, 5, 7, 8, 12, 26, 27
Colombo, S. 194
‘command and control’ approach 40, 43, 44, 119, 125, 213
Community Strategy to Limit Carbon Dioxide Emissions and Improve Energy Efficiency (1992) 37
comprehensive energy cooperation, energy security as driver for 143–5
conditionality credibility 175–6, 182, 183–4, 185, 186, 187–8
Connelly, J. 14
consultation mechanisms, EPI 29, 34, 38–9
cooperative policy coordination 68
failure of 75–8
Correljé, A. 133
Croatia
compliance with energy acquis 161–6
membership of Energy Community 159–61
cross-sectoral EPI checklist for evaluating 29–31
strengths and weaknesses 42–3
summary evaluation 33–5
Cyprus, veto on Turkish membership 183–4
Czech Republic, energy consumption 125–8
Danro, C. 7, 8, 13
De Jong, D. 134
‘decoupling’ concept 50, 51, 54, 57, 59, 61
Denmark
environmental policy integration 56–8
green certificate system 76, 78
DG Climate Action 37
DG Environment 38, 212
DG Transport and Energy 39, 87
direct diffusion 74–5
interaction with mediated diffusion 78–80
dispute settlement system 159–60, 161, 164
domestic structure explanation, rule adoption 176–80, 186, 187–8
domestic support systems, MPCs 204–6
eastern Europe and southern Caucasus energy relations
bilateral dimension 136–43
impact of energy security 149–51
regional dimension 143–9
Eastern Partnership 146–9, 151
Eberlein, B. 55
Eckerberg, K. 52
economic competitiveness
EnC member compliance 165–6, 167
impact on external energy policy 150–51
Morocco 196, 197
Turkey 180–82, 186
economic development, Morocco 194–7
and Mediterranean Solar Plan 199–202
economic instruments, budget maximizing character of 120–21
economic specialization, Morocco 195
Eising, R. 13
Electricity Market Law (EML), Turkey 181, 182
electricity systems, MPCs 201
Index

Elkins, Z. 67
emissions reduction targets 26, 44–5, 48, 56, 85–7, 214–15
imitation 70, 74, 75, 80, 214
Energy 2020 5, 8–9, 36, 37–8, 48, 57, 60, 110, 121
energy as integrationist driver 210–11
Energy Charter Treaty (ECT) 134, 158
Energy Community (EnC)
impact of 166–8
in practice 159–61
trends and research agendas 161–6
energy consumption
CEE countries 119–20, 125, 127–8
Morocco 194–6
Energy Council 36, 37
energy crises 5, 135, 136, 217
preparedness 146, 149
energy dependency 17, 32, 86, 117, 135, 144–5, 149, 165, 183, 197, 202
energy innovation, prioritization of 54–5, 59–60
energy markets
MPCs 204
Turkey 181–2, 185
West Balkan states 161, 164
energy mix 26, 87, 155, 182
Morocco 196, 197–9
energy security
as catalyst of energy reforms 136–41
and CCS 86, 91, 93
dominance of 146–9
as driver for EPI 32, 36
as driver of comprehensive policy cooperation 143–5
as driver of Europeanization 103–5
as growing concern 133–5
impact on external policy 149–51
Morocco 196–7
prioritisation of 141–3
rule adoption 182–4, 186
energy trinity 2–3, 4
balancing priorities of 50–51, 59
enlargement
impact on environmental decision-making 115–16
shaping policies 157–8, 159
Environment Council 37, 38
environment–energy relationship, history of 4–10
environmental assessments 30
environmental awakening 5–6
Environment Committee, European Parliament 90, 91–2
environmental formal competence 6–7
environmental policy integration (EPI)
early attempts 26
in European energy policy 52–8
evaluation 27–8
governance challenges 49–52
legal codification 7–8
potential for strengthening RES policy 58–60
progress on integration 27–42
prospects for future integration 44–5
recognition as policy objective 6
strengths and weaknesses of EU approach 42–3
environmental policy tool, CCS as 93
environmental protection acquis, EnC members compliance with 165
environmental risks, CCS 88–90
environmental taxes 121–4
Central and Eastern Europe compared to EU-15 122–8
Estonia, energy consumption 125–8
Estonia, environmental taxes 124–8
Estonia, use of environmental taxes compared to CEE 124–8
EU structure explanation, rule adoption 175–6, 178–9
EU-15
energy policy choices 118–21
use of environmental taxes compared to CEE 124–8
EUR-Lex database 100–106
Euro–Mediterranean Energy Forum 134
‘Euro–Mediterranean’ regulatory model, development of 205
Euroelectric 56
European Atomic Energy Community (Euratom) 1, 100–101
European Automobile Manufacturer’s Association Voluntary Agreement 41
European Bank for Reconstruction and Development 137
Excribano, G. 193, 194, 200, 204, 206
Estonia, energy consumption 125–8
Estonia, environmental taxes 124–8
Estonia, use of environmental taxes compared to CEE 124–8
Estonia, energy consumption 125–8
Estonia, environmental taxes 124–8
Estonia, use of environmental taxes compared to CEE 124–8
EUR-Lex database 100–106
Euro–Mediterranean Energy Forum 134
‘Euro–Mediterranean’ regulatory model, development of 205
Euroelectric 56
European Atomic Energy Community (Euratom) 1, 100–101
European Automobile Manufacturer’s Association Voluntary Agreement 41
European Bank for Reconstruction and Development 137
European Climate Change Program (ECCP II) 87
European Coal and Steel Community (ECSC) 1, 159
European Commission, promotion of green certificate systems 75–80
European Consultative Forum on the Environment and Sustainable Development 55
European Court of Justice (ECJ) 79
European Economic Recovery Plan 92, 93, 95
European Emissions Trading System (ETS) 9, 40, 42, 43
excluding CCS technologies 90–92, 94–5
New Entrants Reserve 92, 95
European Energy Research Alliance (EERA) 54
European Energy Technology Policy 87
European Environment Agency (EEA) 122
EPI evaluation framework 26, 28, 44
European Institute of Innovation and Technology (EIT) 54–5, 60
European Investment Bank (EIB) 143, 204
European Neighbourhood and Partnership Instrument (ENPI) 137, 138, 147–8, 149
European Neighbourhood Policy (ENP) 135
Action Plans 136, 141
European Strategy for Sustainable, Competitive and Secure Energy (2006) 8, 36, 37, 53, 155
European Sustainable Development Network 55
European Wind Energy Association (EWEA) 56
Europeanization
analytical framework 98–100
carbon capture and storage 93–5
Central European energy policy 117–18
exports, Morocco 198–202
external capabilities, socialization approach 156–8
external dimension, as driver of Europeanization 103–5
external energy policy
Azerbaijan 141–3
changing paradigms 133–5
impact of energy security 149–51
impact of Lisbon Treaty 9–10
instruments 158–9
regional dimension 143–9
Ukraine 136–41
external governance and diffusion, bridging over 173–4
Farmer, A. 41
Fattouh, B. 134
feed-in tariffs (FITs)
characteristics of 71
discussion of proliferation interactions 78–80
models and direct policy transfer 74–5
proliferation interaction with green certificate systems 73–4
proliferation patterns 72
use in MPCs 204–6
Fergusson, M. 36
Ferrantino, M. 119
Ferrero-Waldner, B. 137
financial assistance
Azerbaijan 142–3
Eastern Partnership 148
INOGATE–Baku Initiative 144–5
Ukraine 137–41
Finland, environmental policy integration 56–8
Finnemore, M. 70
Flinders, M. 52
Floor, W. 196
foreign norm adoption 187, 188
foreign policy capabilities, EU 156–8, 159, 160, 168
formal legislation 104–5
former Yugoslavian Republic of Macedonia (FYROM)
compliance with energy acquis 161–6
membership if Energy Community 159–61
France, feed-in tariff system 75
fuels, environmental taxes 122–3, 124–5, 126
gas acquis, EnC members compliance with 161, 163–4, 166
gas sector reform Turkey 181–2
geopolitical policy approach 133–5
bilateral relations 136–43
regional relations 143–9
Georgescu, M.A. 127
Germany, feed-in tariff system 74–5, 79
Goldstein, J. 173
governance
analysis of emergent patterns 107–9
challenges of EPI 49–52
debates and further challenges 108–10
emergent patterns 98–100
Grabbe, H. 71, 214
Graziano, P. 11, 13
green certificate systems
characteristics of 71
discussion of proliferation interactions 78–80
failed cooperation and mediated diffusion 75–8
proliferation interaction with feed-in tariffs 73–4
proliferation interactions 78–80
proliferation patterns 72–3
‘green energy’ model
exporting to Morocco 202–6
testing EU as exporter of 216–20
‘green Europeanization’
assessing 100–106
emergent governance patterns 107–8
internal drivers 211–16
policy diffusion as mechanism for 80–81
three-step model 11–12, 220–21
understanding governance changes 98–100
winds of change for energy 108–10
gross domestic product (GDP)
energy consumption as share of 127
environmental tax revenues as share of 124
Gulf Cooperation Council (GCC)
countries, interest in green technologies 199
Haaas, P.M. 70
Henningsen, J. 7, 41, 43
Hératier, A. 211
Herranz-Surrallés, A. 5, 12, 102, 217
high voltage direct current (HVDC) lines 200, 201
Hinsch, C. 75, 79
Hobson, J.M. 157
Holzinger, K. 66, 120
Homeyer, I. von 115
Hope, C.W. 6, 11
horizontal coordination, EPI 28, 49, 51–2, 53, 55–6
Hovden, E. 27, 28, 50
Howlett, M. 68
human development, Morocco 196, 197–8, 202–3, 207
Humphreys, P. 13
Hungary, energy consumption 125–8
hydropower 196, 197
impact assessment (IA) 30, 34, 38–9
imports, Morocco 193, 196
incentive structures, CEE 118–21
INOGATE program 134, 143–5, 149, 150, 158
integration, energy as driver of 210–11
interconnection infrastructures, Morocco 196–7, 201–2
Intergovernmental Panel on Climate Change (IPCC) 32, 37, 85
internal drivers, ‘green Europeanization’ 211–15
internal energy market, as driver of Europeanization 103–5
international climate change agenda, as driver for EPI 32
International Energy Agency (IEA) 182–3
international proliferation, RES schemes 74–8
investment incentives, CCS 90–92, 94–5
Jabko, N. 13
Jepperson, R. 173
Joint Council of Energy and the Environment (1990) 7
Joint Declaration on the Southern Gas Corridor (2011), Azerbaijan–EU 141–2
Joint Investment Conference, EU–Ukraine 136–7
Jordan, A.J. 5, 25, 26, 27, 37, 38, 44, 52, 53, 55, 58, 212
Jordan, J. 70
Jörgens, H. 66, 67
Keohane, R.O. 67, 173
Knill, C. 13, 55, 99–100, 107, 108, 174
Knudsen, J.K. 50, 51, 52, 56, 57, 58
Konečný, M. 119
Kosovo, membership of Energy Community 159–61
Kyoto Protocol 8, 32, 36, 37, 44, 56, 120, 165, 167
Lafferty, W.M. 27, 28, 50, 51, 60, 212
Latvia, energy consumption 125–8
Lauber, V. 76, 77
Lavenex, S. 14, 134, 173, 174, 218
Law on Energy Efficiency (2007), Turkey 185–6
Law on the Use of Renewable Energy Sources in Electricity Generation (2005), Turkey 185
Lenschow, A. 7, 13, 25, 26, 27, 44, 52, 53, 54, 99–100, 107, 180
Lesser, I. 194
Levi-Faur, D. 13, 70
Lindblom, C.E. 67
Lisbon Treaty 2, 3, 9–10, 32, 42, 43, 97, 98, 102, 108–9, 132
Lithuania, energy consumption 125–8
Lorca, A. 200
Lucas, N.J.D. 1, 2, 97
Lundqvist, L.J. 53
McGowan, F. 6, 13
Marín, J.M. 194, 206
market analysis, CCS 91
market considerations
INO Gates projects 144–5
subordination to energy security 142–3, 150
market reforms
Azerbaijan 141–3
EnC member countries 161–6
MPCs 203–6, 207–8
Turkey 180–82
Ukraine 136–41
market-based policy instruments
CEE countries compared to EU-15 124–8
and Europeanization of CEE energy policy 117–18
explaining CEE countries choice of 118–21
measuring application intensity of 121–4
market-oriented policy approach 133–5
bilateral relations 136–43
regional relations 143–9
Matláry, J. 2, 3, 97, 171
Medarova-Bergström, K. 118
mediated policy diffusion 75–8
interaction with direct diffusion 78–80
Mediterranean Partner Countries (MPCs), renewable energy projects 199–202
Mediterranean Solar Plan 197–9
issues for Morocco 202–6
partner countries 199–202
member states
EPI and renewable energy 56–8
participation in Energy Community 160
role in establishing CCS 87, 89–90, 94–5
Memorandum of Understanding (2005), Ukraine–EU 136
Memorandum of Understanding (2006), Azerbaijan–EU 141
Meyer, J. 174, 180
Meyer, N.I. 78
Mitchell, C. 77, 78
Moldova, membership of Energy Community 159–61
monitoring, EPI 31, 35, 41–2
Montenegro
compliance with energy acquis 161–6
membership of Energy Community 159–61
Morocco
development issues of Mediterranean Plan 199–202
Index

perspectives for exporting 'green-energy' model to 202–6
renewable energy 197–9
as suitable partner for Europe 194–7
multilateral cooperation 68, 135, 143–5, 151, 207
multilevel governance 51–2
Nabucco pipeline 135, 142–4, 183–4
National Indicative Program (NIP) Azerbaijan 142
national sovereignty 3, 43, 68, 70–71, 99, 109, 141, 210, 213
national support schemes, international spread of 71–8
Natorsi, M. 5, 12, 102
Natural Gas Market Law (NGML), Turkey 181, 182
Neighbourhood Investment Facility (NIF), projects funded by 137, 139–40
Netherlands
green certificate system 77–8
promotion of CCS 87, 94
new regulatory instruments 99, 107–8
Newman, A. 55
Nilsson, M. 28, 52, 214
nitric oxide (NO\textsubscript{2}), environmental taxes 122–3, 124–5, 126
Nordpool 57
Norway
environmental policy integration 56–8
promotion of CCS 86–7, 94
Oberthur, S. 5, 32
OECD countries, feed-in tariffs and green certificate systems 71–8
Oettinger, Günther 1, 2, 9, 97, 110, 142
Office National de l’Electricité (ONE), Morocco 196, 198, 203
oil stocks rules 182–3
On Market-Based Instruments for Environment and Related and Related Policy Purpose (2007) 118
open method of coordination (OMC) 99–100, 107–8
opportunity structures, CEE 118–21
Owens, S. 6, 11
Padgett, S. 13
Palmelaerts, M. 5, 32, 36, 53
Paris Declaration 200
Persson, Å. 28, 49, 211
Petroleum Law (2003), Turkey 182
photovoltaic (PV) systems 198, 200, 201, 207
Piebalgs, A. 2, 4, 8
Poland, energy consumption 127–8
policy coherence, advancement towards 2–4
policy coordination, modes of 67–71
policy diffusion
feed-in tariff systems 69–71
green certificate systems 75–8
interaction of direct and mediated diffusion 78–80
as mechanism for ‘green Europeanization 80–81
policy drivers, EPI 29, 32–6
policy instruments, EPI 30–31, 34, 40–41, 43
policy learning, EPI 31, 35, 41–2, 52, 55–6
‘policy pitfalls’, avoiding 60
policy-making process, CCS 88–92
political commitment, EPI 29, 33, 36–8, 42
political institutionalization 98–100
measurement of 100–106
Pollack, M. 5
pollution haven hypothesis 118–19
Production Tax Credit (PTC) 204
Protocol on Energy Efficiency and Related Environmental Aspects (PEEREA) 134
Radaelli, C.M. 13
rational-choice institutionalist perspective, rule adoption 175–6, 177, 178–9
’re-coupling’ concept 41, 51, 54–5, 60, 61
reciprocity 67, 68, 69
regional dimension, external relations 143–9
regulation
CCS 88–90, 94
drivers of 100–106
modes of 99–100, 107–8

Index

Perspectives for Exporting 'Green-Energy' Model to 202–6

Perspectives for Exporting 'Green-Energy' Model to 202–6

Perspectives for Exporting 'Green-Energy' Model to 202–6
regulatory approach, EPI 40
regulatory frameworks, Morocco 198, 202, 203–6
regulatory legacy, CEE 116, 118–21
regulatory standards 99, 107–8
renewable electricity (RES–E) 74–8
driving forces of international proliferation 74–8
EntC members countries compliance 162, 164
and EPI in member states 56–8
interactions in proliferation 78–80
proliferation patterns 72–4
and sustainable development 53–4
Renewable Energy Certificate System (RECS) 76–7
renewable energy sources (RES) 52–8
and EPI 52–8
funding for 120
and horizontal policy integration 55–6
Morocco 197–9
promotion of 199–202
strengthening promotion through EPI 58–60
Turkey 184–5
and vertical policy integration 56–8
Resch, G. 75
research aims 10–15
research needs 221–2
revenues, environmental taxes 120, 122–3, 127–8
Risse, T. 71, 99, 173
Rogers, E.M. 70
Romania, energy consumption 125–8
Rose, R. 177
Roth, M. 79
Rowlands, I.H. 55
Ruby, J. 78
rule adoption
EU explanation versus domestic structure explanation 175–80
bridging over external governance 173–4
and rule quality/usefulness 176, 177, 180, 184, 185, 186, 187–8
Turkey 180–88
rural energy poverty, Morocco 195–6, 197, 207
Russel, D. 39
Russia
energy dependence on 86, 135
and INOGATE–Baku Initiative 144, 145
Ruud, A. 51, 60
Sagar, A.D. 196
San Martin, E. 193
Schimmelfennig, F. 69, 116, 134, 158, 161, 172, 173, 174, 175, 177, 218
Scholz, H. 69
Schout, A. 52, 55, 212
sectoral EPI
checklist for evaluating 29–31
strengths and weaknesses 42–3
summary evaluation 33–5
Sedelmeier, C. 116, 158, 172, 174, 175, 177, 218
self-regulation 99, 107–8
Serbia
compliance with energy acquis 161–6
membership of Energy Community 159–61
Serdar-Kypaz gas field 141
Shah Deniz II gas field 142
Sharman, J.C. 157
Sikkink, K. 70
Simmons, B.A. 67, 68–9, 70
Single European Act (SEA) 6
Skjaerseth, J. 7
Slovakia, energy consumption 125–8
Slovenia, energy consumption 125–8
sociological institutionalist perspective, rule adoption 176, 177–80
Energy Community in practice 159–61
and EU external capabilities 156–8
and EU external energy policy 158–9
impact on policy adaptation, harmonization and compliance 166–8
potential trends and research agendas 161–6
’soft law’ instruments 102–3, 105–6
solar thermal energy 197–9, 200–201
Solorio Sandoval, I. 7, 13, 108, 171, 211, 220
south-east European states
effectiveness of socialization approach 166–8
Index

Energy Community membership 159–60
implementation of energy acquis 160–66
Southern Gas Corridor 141–2
stakeholder engagement, EPI 38–9
steering mechanisms 99–100, 107–8
Steurer, R. 55
Strang, D. 174, 177–8
Strategic Energy Technology Plan (SET-Plan) (2009) 54–5, 60, 92, 93
strategic vision, EPI 29, 33, 36–8
Stulberg, A. 14
sulfur oxide (SO₂), environmental taxes 122–3, 124–5, 126
supply diversification adverse environmental impacts 142–3
as keystone for sustainability 155
Morocco 196–9
sustainable development effects of market-based instruments 121–4, 125–8
EnC member compliance 165
impact on external energy policy 150–51
INOGATE projects 144–5
Morocco 197–206
potential of EPI 58–60
relationship to EPI 50–52
rule adoption 184–7
‘steering network’ 55
subordination to energy security 142–3, 150
Sweden, environmental policy integration 56–8
TACIS (Technical Assistance to CIS Countries) 137, 158
Tanasescu, I. 53
technical assistance
Azerbaijan 142–3
Eastern Partnership 147–8
INOGATE–Baku Initiative 144–5
Morocco 202–4, 207
Ukraine 137–41
technology development, prioritization of 54–5, 59–60
technology neutrality 90, 91
three-step model, ‘green Europeanization’ 11–12, 220–21
trade, structure effects 118–21
training cooperation, Morocco 202–4, 207
Trans-European Energy Networks (TEN-E) 182
transit networks eastern Europe 133, 136–7, 141–2, 146
North Africa 201–2
Treaty Establishing the Energy Community (TEnC) 3, 137, 159–60
Treaty Establishing the European Community (TEC) 3, 7
Treaty on the Functioning of the European Union (TFEU) 2–3, 6, 36, 48–9, 50–51, 53, 102, 109, 132
Turkey analytical framework for explaining rule adoption 178–9
energy competitiveness 180–82
energy security 182–4
energy sustainability 184–7
Turnpenny, J. 39
Twidell, J. 6
UK green certificate system 77
promotion of CCS 87, 94
Ukraine EU energy relations 136–41, 150
membership of Energy Community 159–61
Union for the Coordination of Transmission of Electricity (UCTE) 183
Union for the Mediterranean (UM) 200
United Nations (UN) Framework Convention on Climate Change (UNFCCC) 32, 37
UNMIK, compliance with energy acquis 161–6
van Beek, A. 77, 78
Van der Linde, C. 133
Vasileiadou, E. 39
vertical coordination, EPI 28, 49, 51, 56–8, 60
Vink, M. 11, 13
'virtual' imports 205–6
Voluntary Agreements (VAs) 41, 43
White, B. 157

Wilkinson, D. 38, 53
wind energy 197, 198, 200–201
Wurzel, R.K.W. 14

Yin, R.K. 159
Zakkour, P. 88, 90
Zapater, E. 3, 171, 217
Zingerle, J. 193