Richard Routley *Author* Maureen Eckert *Editor*

Exploring Meinong's Jungle and Beyond

The Sylvan Jungle — Volume 1

with Supplementary Essays



Contents

Edito	rs' Pre	eface	v
Introd	luction	n: The Jungle Book in context – Hyde	xiii
OF	RIGI	NAL MATERIAL x	XXV
First 1	Editio	n Front Matter xx	xxvii
Pre	face an	nd Acknowledgements	xli
CHAI	PTER	1 Exploring Meinong's jungle and beyond. I. Items	
		and descriptions	1
Ι	None	eism and the theory of items	1
	§1	The point of the enterprise and the philosophical value of a theory	
		of objects	10
II	Basic	e theses and their prima facie defence	17
	§2	Significance and content theses	18
	§3	The Independence Thesis and rejection of the Ontological Assumptio	n 28
	§4	Defence of the Independence Thesis	37
	$\S5$	The Characterisation Postulate and the Advanced Independence	
		Thesis	58
	§6	The fundamental error: the Reference Theory	68
	§7	Second factor alternatives to the Reference Theory and their	
		transcendence	81
III	The r	need for revision of classical logic	96
	§8	The inadequacy of classical quantification logic, and of free logic	
		alternatives	97

	§ 9	The choice of a neutral quantification logic, and its objectual
		interpretation
	§10	The consistency of neutral logic and the inconsistency objection
		to impossibilia, the extension of neutral logic by predicate neg-
		ation and the resolution of apparent inconsistency, and the in-
		completeness objection to nonentities and partial indeterminacy 109
	§11	The inadequacy of classical identity theory; and the removal of
		intensional paradoxes and of objections to quantifying into inten-
		sional sentence contexts
	§12	Russell's theories of descriptions and proper names, and the ac-
		claimed elimination of discourse about what does not exist 152
	§13	The Sixth Way: Quine's proof that God exists
	§14	A brief critique of some more recent accounts of proper names
		and descriptions: free description theories, rigid designators, and
		causal theories of proper names; and clearing the way for a com-
		monsense neutral account
IV	Stage	es of logical reconstruction: evolution of an intensional logic of
	items	s, with some applications en route $\ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots 212$
	\$15	The initial stage: sentential and zero-order logics
	§16	Neutral quantification logic
	§17	Extensions of first-order theory to cater for the theory of objects:
		existence, possibility and identity, predicate negation, choice op-
		erators, modalisation and worlds semantics
		1 (a) Existence is a property: however (b) it is not an ordinary
		(characterising) property
		2 "Exists" as a logical predicate: first stage
		3 The predicate "is possible", and possibility-restricted quan-
		tifiers Π and Σ
		4 Predicate negation and its applications
		5 Descriptors, neutral choice operators, and the extensional
		elimination of quantifiers
		6 Identity determinates, and extensionality
		7 Worlds Semantics: introduction and basic explanation $\dots 262$

	8	Worlds semantics: quantified modal logics as working examples	268
	9	Reworking the extensions of quantificational logic in the	
		modal framework	278
	10	Beyond the first-order modalised framework: initial steps	289
§18	The	e neutral reformulation of mathematics and logic, and second	
	stag	e logic as basic example. The need for, and shape of, enlarge-	
	men	ts upon the second stage	290
	1	Second-order logics and theories, and a substitutional solu-	
		tion of their interpretation problem $\ldots \ldots \ldots \ldots \ldots \ldots$	292
	2	Substantive second-order logics with abstraction principles $\ . \ .$	296
	3	Definitional extensions of 2Q and enlarged 2Q: Leibnitz	
		identity, extensionality and predicate coincidence and identity	298
	4	Attributes, instantiation, and λ -conversion	302
	5	Axiomatic additions to the second-order framework: specific	
		object axioms as compared with infinity axioms and choice	
		axioms	304
	6	Choice functors in enlarged second-order theory $\ldots \ldots \ldots$	305
	7	Modalisation of the theories $\ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots$	306
§19	On	the possibility and existence of objects: second stage \ldots \ldots	309
	1	Item possibility: consistency and possible existence \ldots .	310
	2	Item existence	316
§20	Ider	ntity and distinctness, similarity and difference and functions . $\ .$	322
§21	The	more substantive logic: Characterisation Postulates, and	
	othe	er special terms and axioms of logics of items	329
	1	Settling truth-values: the extent of neutrality of a logic \ldots .	329
	2	Problems with an unrestricted Characterisation Postulate	331
	3	A detour: interim ways of getting by without restrictions	333
	4	Presentational reliability	336
	5	Characterisation Postulates for bottom order objects; and	
		the extent and variety of such objects	338
	6	Characterising, constitutive, or nuclear predicates	344
	7	Entire and reduced relations and predicates	350
	8	Further extending Characterisation Postulates	351

	9	Russell vs. Meinong yet again	354
	10	Strategic differences between classical logic and the altern-	
		ative logic canvassed	356
	11	The contrast extended to theoretical linguistics	358
§22	Des	criptions, especially definite and indefinite descriptions	359
	1	General descriptions and descriptions generally	359
	2	The basic context-invariant account of definite descriptions	361
	3	A comparison with Russell's theory of definite descriptions	365
	4	Derivation of minimal free description logic and of qualified	
		Carnap schemes	368
	5	An initial comparison with Russell's theory of indefinite de-	
		scriptions	370
	6	Other indefinite descriptions: "some", "an" and "any" \hdots	371
	7	Further comparisons with Russell's theory of indefinite and	
		definite descriptions, and how scope is essential to avoid	
		inconsistency	373
	8	The two (the) round squares: pure objects and contextually	
		determined uniqueness \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots	374
	9	Solutions to Russell's puzzles for any theory as to denoting	376
§23	Wid	ening logical horizons: relevance, entailment, and the road	
	to p	araconsistency and a logical treatment of contradictory and	
	para	doxical objects	378
	1	The importance of being relevant	378
	2	Zero-order and quantified relevant logics: syntax and semantics $% \left({{{\mathbf{x}}_{i}}} \right)$	380
	3	Object-theoretic elaboration of relevant logic	383
	4	Relevant paraconsistent logics, and radically contradictory	
		and paradoxical objects	384
	5	Problems in applying a fully relevant resolution in formal-	
		ising the theory of items; and quasi-relevantism $\ldots \ldots \ldots$	386
	6	On limits to postulation and its equivalents, e.g. definitional	
		introduction	388
	7	Living with inconsistency	389

$\S{24}$	Beyond quantified intensional logics: neutral structure theory,	
	free $\lambda\text{-}\mathrm{categorical}$ languages and logics, and universal semantics $~$.	390
	1 A canonical form for natural languages such as English is	
	provided by λ -categorial languages? Problems and some	
	initial solutions	400
	2 Description of the λ -categorial language L	405
	3 Logics on language L	407
	4 The semantical framework for a logic S on L	410
	5 The soundness and completeness of S on L	414
	6 Widening the framework: towards a truly universal semantics	420
	7 Allowing for context-dependence in the semantical evaluation	427
	8 Applying the semantical theory to yield semantical notions:	
	the two-tier theory \ldots \ldots \ldots \ldots \ldots \ldots	428
	9 The problem of distinguishing real models	433
	10 Semantical definitions of core, extensional notions: truth	
	and satisfaction \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots	438
	11 Semantical vindication of the designative theory of meaning $~$.	440
	12 Kemeny's interpretations, and semantical definitions for cru-	
		442
	13 Normal frameworks, and semantical definitions for first-degree	
	entailmental notions	446
	14 Wider frameworks, and semantical definitions for synonymy	
	notions	447
	15 Solutions to puzzles concerning propositions, truth and belief . 4	451
	16 Logical oversights in the theory: dynamic or evolving lan-	
	guages and logics	454
	17 Other philosophical corollaries and the semantical meta-	
	morphosis of metaphysics $\ldots \ldots $	455
Furth	her evolution of the theory of items	
$\S{25}$	On the types of objects	457
§26	Acquaintance with and epistemic access to nonentities; charac-	
	terisations, and the source book theory	4 62
§27	On the variety of noneisms	167

 \mathbf{V}

Bibliography	474
Supplementary Bibliography	500
SUPPLEMENTARY ESSAYS	508
Why item theory doesn't (quite) go far enough – Griffin	509
Re-exploring item theory – Sylvan	546
The future perfect of Exploring Meinong's Jungle and Beyond – Casati	