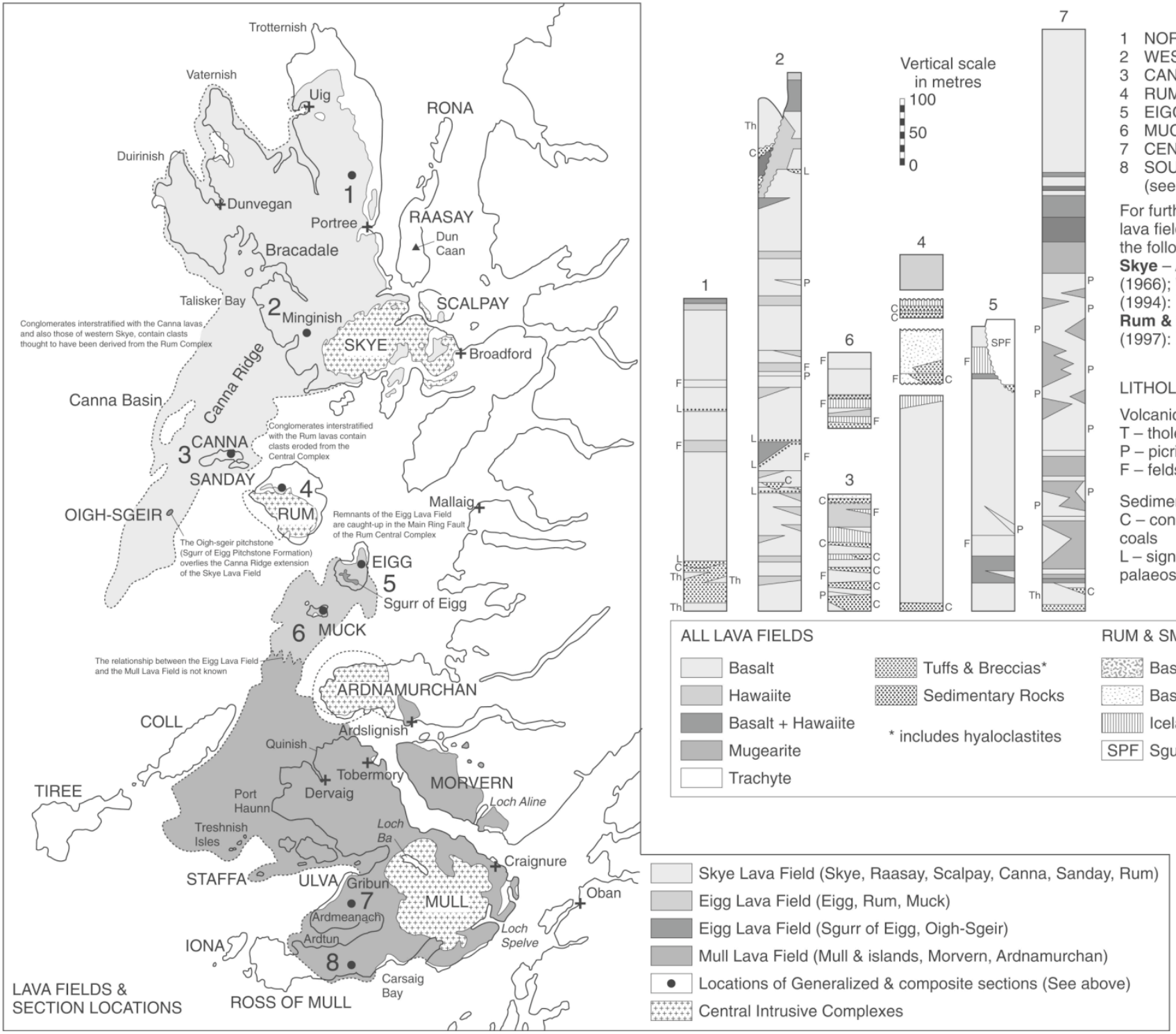
Trotternish
Vaternish
Uig
RONA
Duirinish
1
Dunvegan
Portree
RAASAY
Dun Caan
Bracadale
Talisker Bay
2
Minginish
SCALPAY
Conglomerates interstratified with the Canna lavas and also those of western Skye, contain clasts thought to have been derived from the Rum Complex
SKYE
Broadford
Canna Ridge
Canna Basin
Conglomerates interstratified with the Rum lavas contain clasts eroded from the Central Complex
3
CANNA
SANDAY
4
RUM
Mallaig
OIGH-SGEIR
Remnants of the Eigg Lava Field are caught-up in the Main Ring Fault of the Rum Central Complex
The Oigh-sgeir pitchstone (Sgurr of Eigg Pitchstone Formation) overlies the Canna Ridge extension of the Skye Lava Field
EIGG
5
Sgurr of Eigg
6
MUCK
The relationship between the Eigg Lava Field and the Mull Lava Field is not known
ARDNAMURCHAN
COLL
Ardslignish
Quinish
Tobermory
MORVERN
TIREE
Port Haunn
Dervaig
Loch Aline
Treshnish Isles
Loch Ba
Craignure
STAFFA
ULVA
Gribun
7
MULL
Oban
Ardmeanach
Loch Spelve
IONA
Ardtun
8
Carsaig Bay
ROSS OF MULL
LAVA FIELDS & SECTION LOCATIONS
Vertical scale in metres
100
50
0
1
2
3
4
5
6
7
F
L
C
P
Th
SPF
1 NORTH SKYE
2 WEST CENTRAL SKYE
3 CANNA & SANDAY
4 RUM
5 EIGG
6 MUCK
7 CENTRAL MULL
8 SOUTHWEST MULL (see Fig.8)
For further details of individual lava field sequences refer to the following:–
Skye – Anderson & Dunham (1966); Williamson & Bell (1994): BGS (2000)
Rum & Small Isles – Emeleus (1997): Mull – Kerr (1995)
LITHOLOGICAL QUALIFIERS
Volcanic rocks:
T – tholeiitic
P – picritic
F – feldspar porphyritic
Sedimentary rocks:
C – conglomerates, sandstones, coals
L – significant laterite palaeosols and ironstones
ALL LAVA FIELDS
Basalt
Hawaiite
Basalt + Hawaiite
Mugearite
Trachyte
Tuffs & Breccias*
Sedimentary Rocks
* includes hyaloclastites
RUM & SMALL ISLES ONLY
Basaltic Hawaiite
Basaltic andesite
Icelandite
SPF Sgurr of Eigg Pitchstone
Skye Lava Field (Skye, Raasay, Scalpay, Canna, Sanday, Rum)
Eigg Lava Field (Eigg, Rum, Muck)
Eigg Lava Field (Sgurr of Eigg, Oigh-Sgeir)
Mull Lava Field (Mull & islands, Morvern, Ardnamurchan)
Locations of Generalized & composite sections (See above)
Central Intrusive Complexes