

Attending from & to the machine

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Figure 1. Bronze statue by Sir George Frampton (1912), after J. M. Barrie's photographs of Michael Llewelyn Jones, in Kensington Garden, London



Figure 2. Pieter Bruegel the Elder, *Fall of Icarus* (ca 1558)



Figure 3. Europe in 1917

Arbor scientie. Folio.

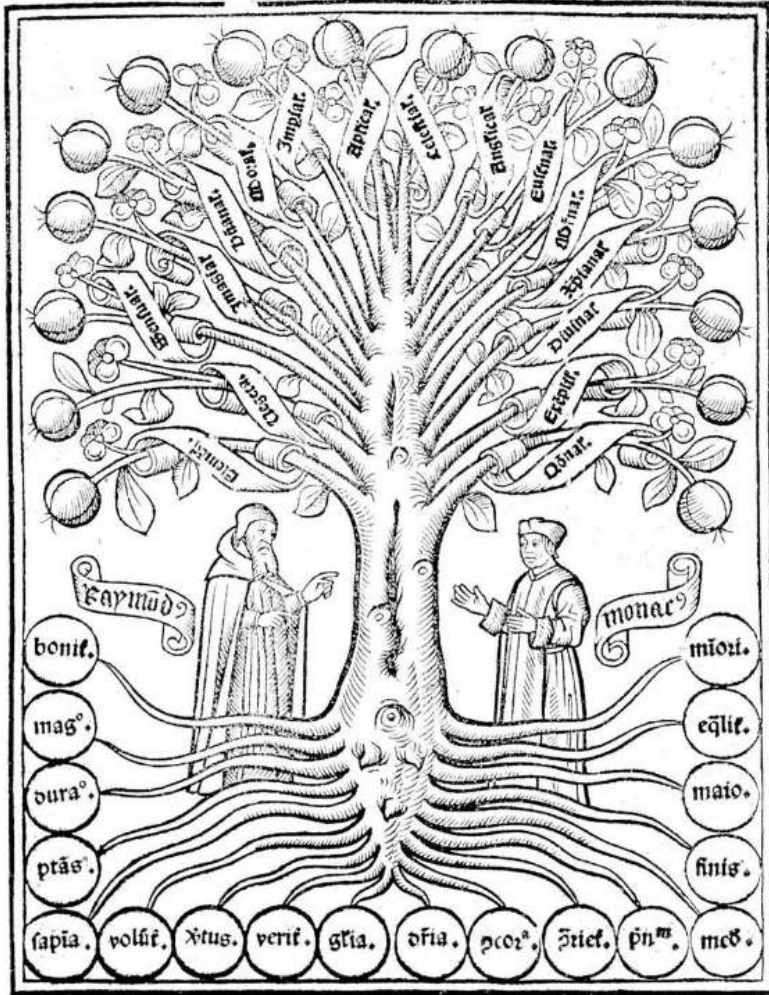
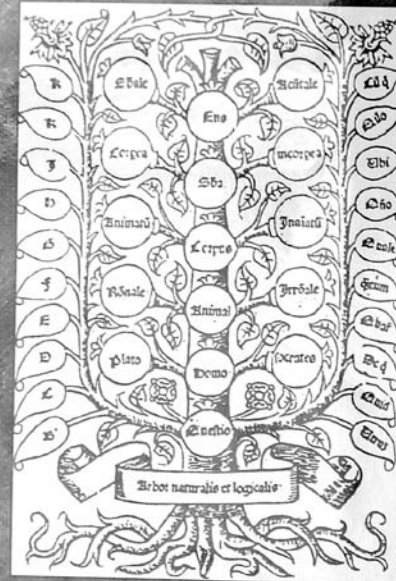


Figure 4. Ramon Llull, "Arbor scientie" (1295), in *Arbor scientie venerabilis et celitus Illuminati Patris Raymundi Lullii Maioricensis*, ed. Josse Bade et (?) Bernardus Lavinheta, (London: Gilbert de Villiers, 1515)

Knowledge Representation

Logical, Philosophical,
and Computational Foundations



JOHN F. SOWA

Figure 5. Cover of Sowa's book on "knowledge representation" as a way of implementing artificial intelligence (Brooks/Cole, 2000), depicting the "Arbor naturalis et logicalis" from Llull, *Liber de logica nova*, (Valencia: Alonzo de Proaza, 1512)



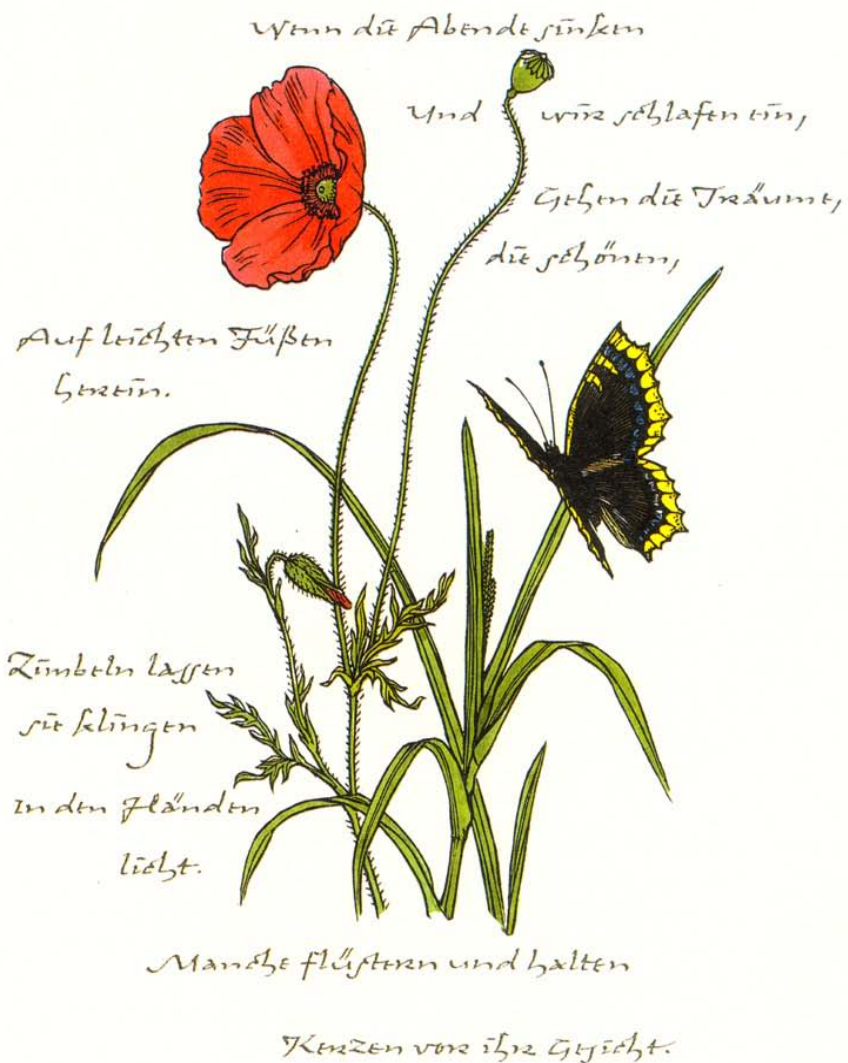
Figure 6. The Buccaneer Archipelago, near Derby, Western Australia

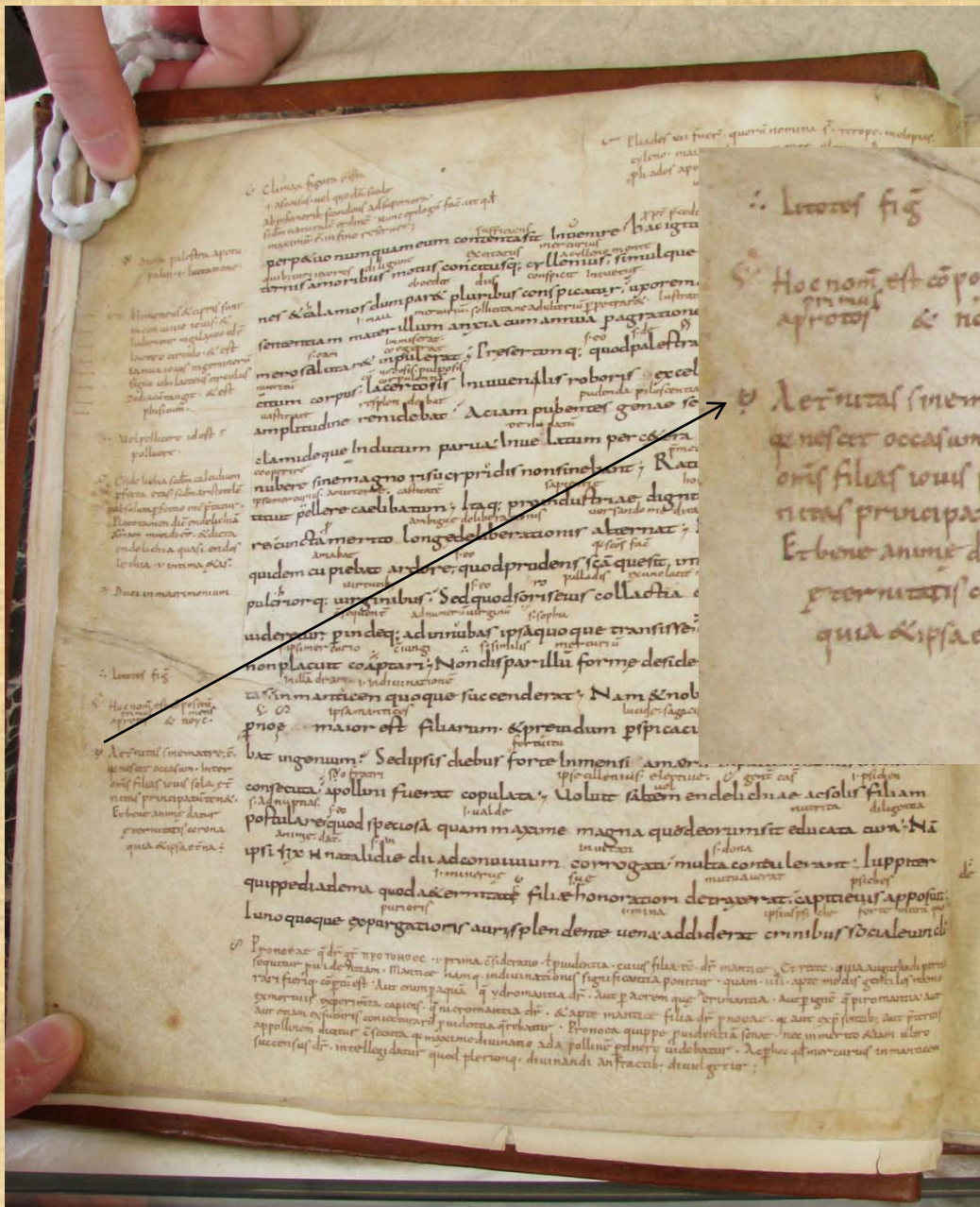
Figure 7.
Fritz Kredel & Georg Salter,
Am Wegesrand (1961)

Wenn die Abende sinken
When evenings descend
Und wir schlafen ein,
And we fall asleep,
Gehen die Träume, die schönen,
Dreams, the beautiful ones,
Auf leichten Füßen herein.
Enter on light feet.

Zimbeln lassen sie klingen
They let cymbals ring
In den Händen licht.
Lightly in their hands
Manche flüstern und halten
Some whisper and hold
Kerzen vor ihr Gesicht.
Candles before their faces.

Georg Heym (1887-1912),
"Alle Landschaften haben"





.: Luceus fig
 Hoc non est compositum
 a protho & noye.
 Aeternitas sine matre. e.
 quae nescit occasum. Inter
 omnes filias iouis sola est
 natus principatum tenet.
 Et bene anime dicitur
 praeferuntur corona
 quia aeterna.

non placuit coaptari; Nam
 nulla diuina. i. induuinatione
 ta sin manticon quoque
 & ipsa manticon
 pnos maior est filia
 bat ingenium. Sed ipsa d
 consecuta apollini fuerat
 s. ad nuptias.
 postulare quod speciosa qu
 anime. dat.
 ipsi fixa natalis die di ad
 quippe diadema quod aeternitas

Figure 8. Martianus Capella, *De nuptiis Philologiae et Mercurii* (5th Century), Leiden 87, 3v (photographed with a hand-held digital camera, 19/9/08)



Figure 9

Figure 10. Seamus Heaney, *Seeing Things* (1991)

Field of Vision

I remember this woman who sat for years
In a wheelchair, looking straight ahead
Out the window at sycamore trees unleafing
And leafing at the far end of the lane.

Straight out past the TV in the corner,
The stunted, agitated hawthorn bush,
The same small calves with their backs to wind and
rain,
The same acre of ragwort, the same mountain.

She was steadfast as the big window itself.
Her brow was clear as the chrome bits of the chair.
She never lamented once and she never
Carried a spare ounce of emotional weight.

Face to face with her was an education
Of the sort you got across a well-braced gate –
One of those lean, clean, iron, roadside ones
Between two whitewashed pillars, where you could see

Deeper into the country than you expected
And discovered that the field behind the hedge
Grew more distinctly strange as you kept standing
Focused and drawn in by what barred the way.

*Wem Zeit ist wie Ewigkeit,
Und Ewigkeit wie die Zeit,
Der ist befreit
Von allem Streit.*

JAKOB BOHME

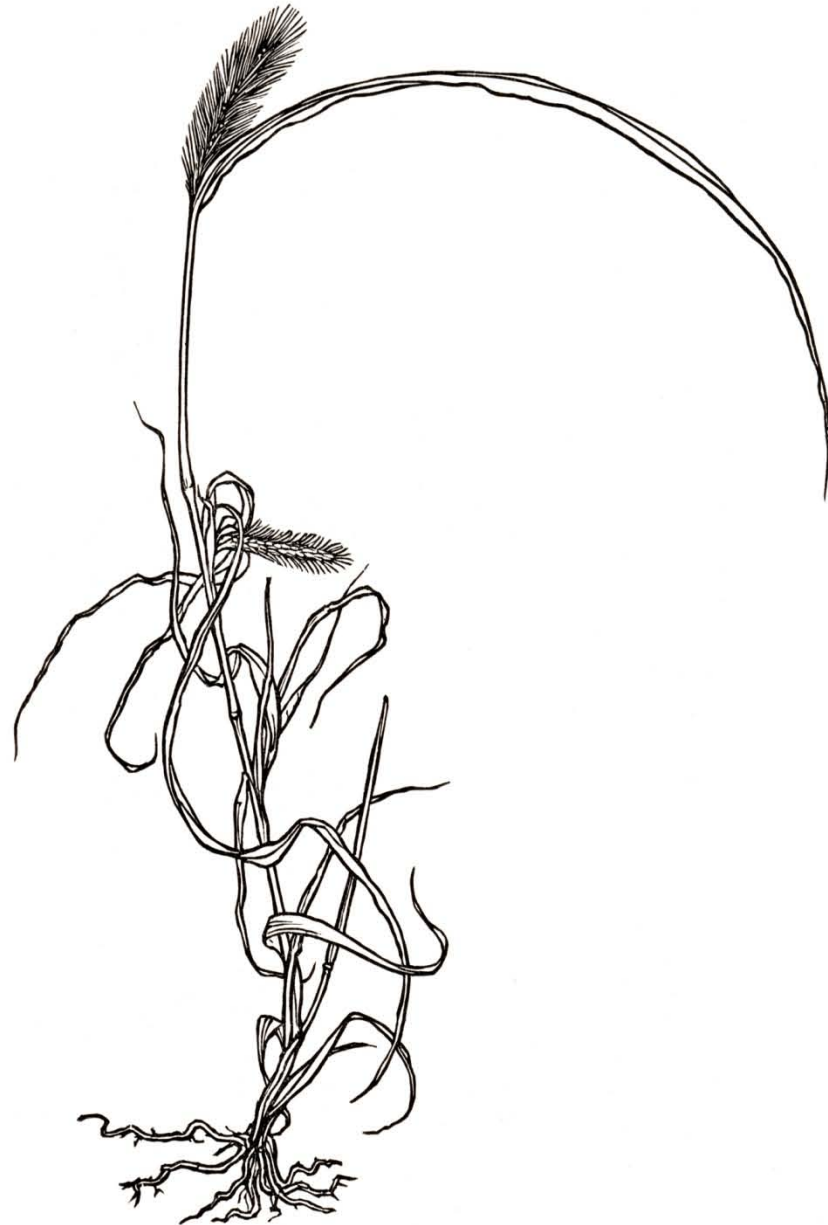


Figure 11



LOS ANGELES

Figure 12. Anon., earliest known image of Los Angeles, United States Pacific Rail Road Survey Lithograph, 1855 12



Figure 13. Roy, in *Bladerunner* (1982), dir. Ridley Scott, from Philip K Dick, *Do Androids Dream of Electric Sheep?* (1968)

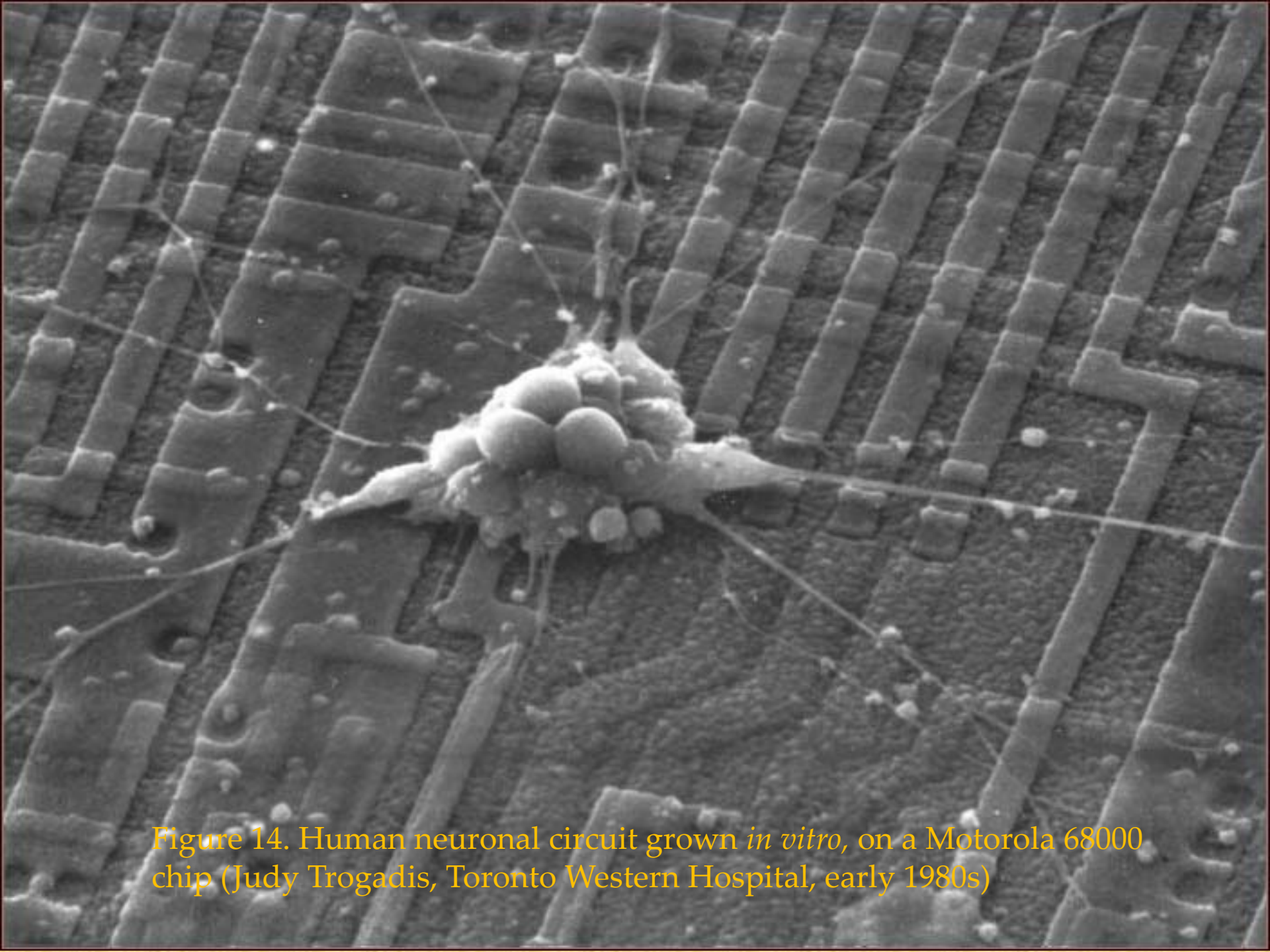


Figure 14. Human neuronal circuit grown *in vitro*, on a Motorola 68000 chip (Judy Trogadis, Toronto Western Hospital, early 1980s)

