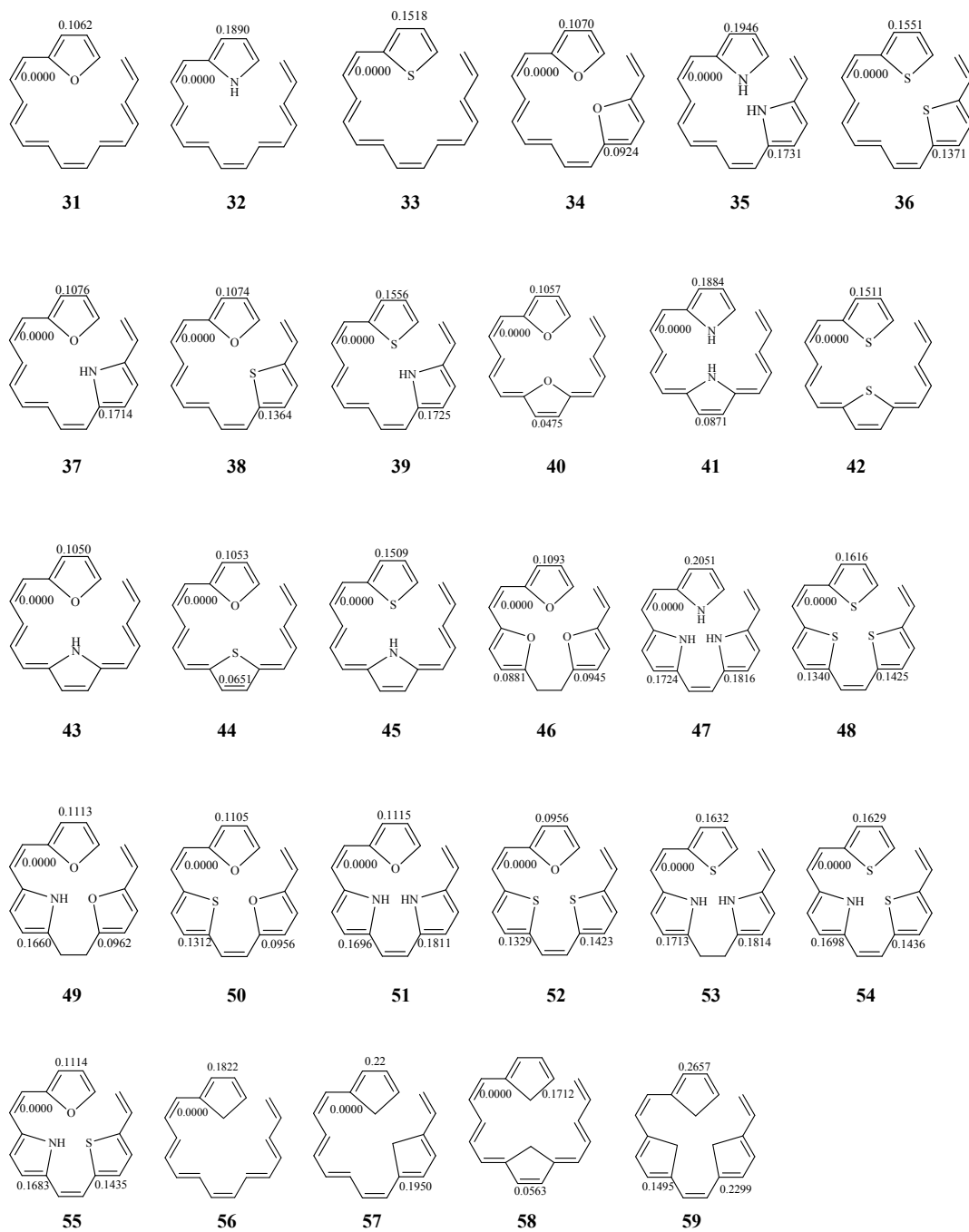


Electronic Supplementary Information (ESI) for

**A Study on the Aromatic Conjugation Pathways and the Ring Currents of  
Bridged [18]Annulenes**

Qimangul Tohti and Ablikim Kerim

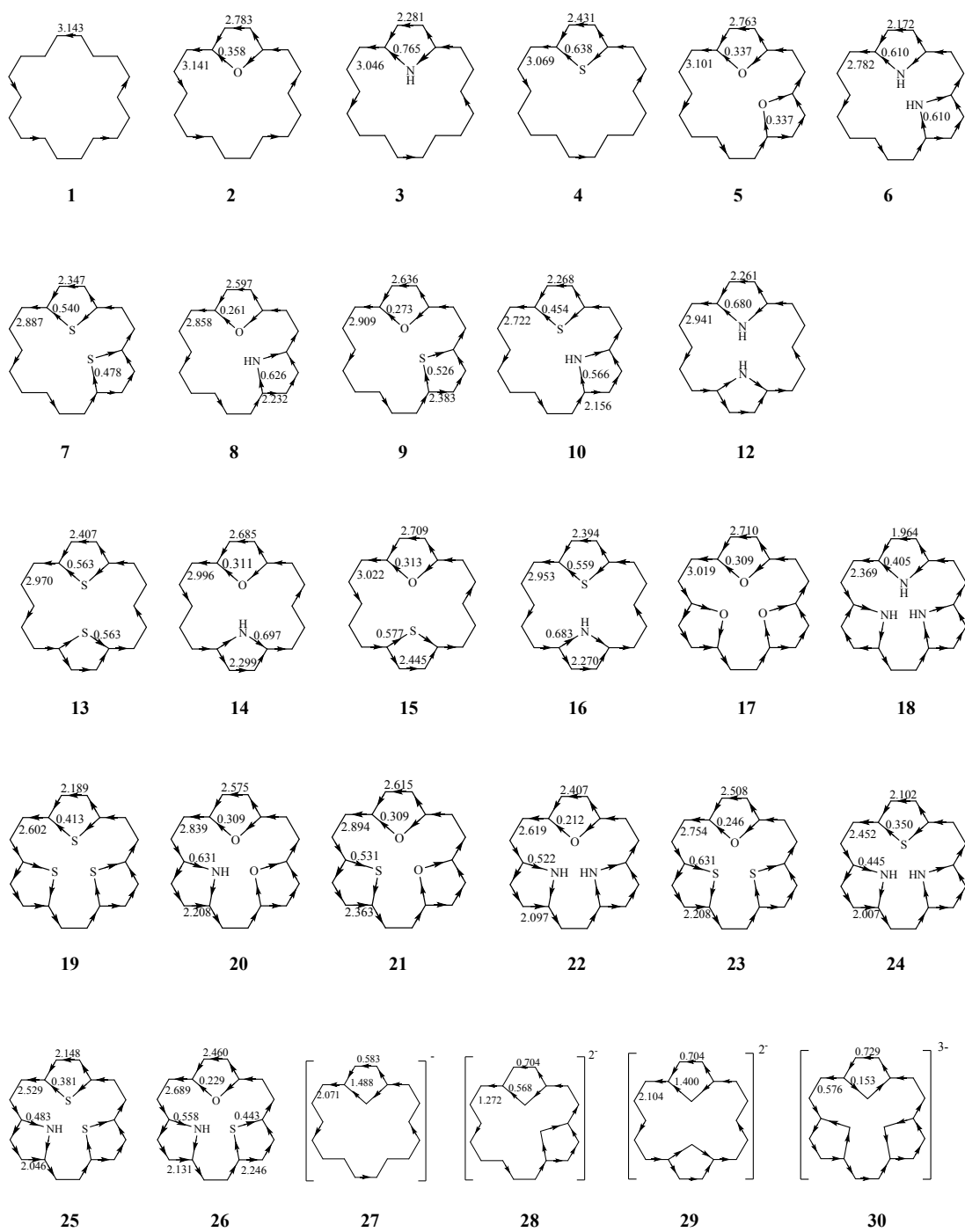
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S-Fig1. Reference molecules of 2-30. BREs in units of  $|\beta|$  for all  $\pi$ -bonds.

S-Table 1. The TRE and %TRE values of compounds **31-59**.

Species	TRE	%TRE	Species	TRE	%TRE
<b>31</b>	0.106	0.398	<b>46</b>	0.289	0.810
<b>32</b>	0.189	0.736	<b>47</b>	0.550	1.694
<b>33</b>	0.152	0.609	<b>48</b>	0.431	1.425
<b>34</b>	0.199	0.639	<b>49</b>	0.368	1.065
<b>35</b>	0.367	1.263	<b>50</b>	0.333	0.984
<b>36</b>	0.292	1.057	<b>51</b>	0.455	1.358
<b>37</b>	0.278	0.925	<b>52</b>	0.380	1.187
<b>38</b>	0.243	0.828	<b>53</b>	0.508	1.600
<b>39</b>	0.328	1.156	<b>54</b>	0.468	1.512
<b>40</b>	0.154	0.494	<b>55</b>	0.417	1.271
<b>41</b>	0.281	0.965	<b>56</b>	0.182	0.761
<b>42</b>	0.220	0.796	<b>57</b>	0.424	1.662
<b>43</b>	0.193	0.640	<b>58</b>	0.278	1.095
<b>44</b>	0.172	0.585	<b>59</b>	0.717	2.662
<b>45</b>	0.241	0.852			



S-Fig. 2. The RCs of the remaining compounds, all in units of that for benzene ( $I_0$ )